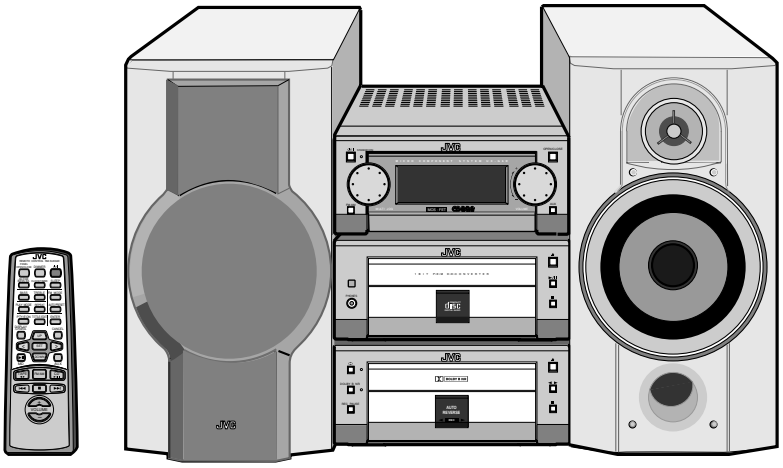
JVC

SERVICE MANUAL

MICRO COMPONENT SYSTEM

UX-G6/FS-G6



Area Suffix (UX-G6)
UB ..... Hong Kong
UP ..... Korea
U ..... Other Areas

Area Suffix (FS-G6)
J ..... U.S.A./ Canada

We will separately issue the parts list of J version.

COMPACT disc DIGITAL AUDIO

Unit composition

Contents	Model Name
STEREO AMPLIFIER	AX-UXG6
CD / TUNER	XT-UXG6
CASSETTE DECK	TD-UXG6
SPEAKER SYSTEM	SP-UXG6

< ATTENTION >

When this model is repaired, a part of unit of "UX-G6/FS-G6" is necessary.

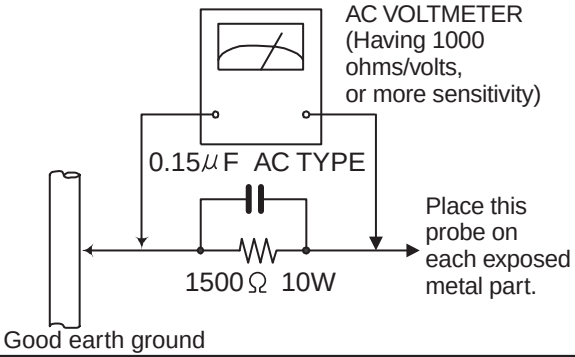
(Please refer to page 1-5)

Contents

No.20808
Feb. 2000

Safety Precautions

1. This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturer`s warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
4. The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.
5. Leakage currnet check (Electrical shock hazard testing)
   After re-assembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.
   Do not use a line isolation transformer during this check.
   - Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet , particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.)
   - Alternate check method
     Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000 ohms per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
     Measure the AC voltage across the resistor with the AC voltmeter.
     Move the resistor connection to eachexposed metal part, particularly any exposed metal part having a return path to the chassis, and meausre the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. voltage measured Any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



Warning

1. This equipment has been designed and manufactured to meet international safety standards.
2. It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
3. Repairs must be made in accordance with the relevant safety standards.
4. It is essential that safety critical components are replaced by approved parts.
5. If mains voltage selector is provided, check setting for local voltage.

⚠ ***CAUTION*** **Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs in the case of preforming repair of this system.**

Important for laser products

1.CLASS 1 LASER PRODUCT

2.DANGER : Invisible laser radiation when open and inter lock failed or defeated. Avoid direct exposure to beam.

3.CAUTION : There are no serviceable parts inside the Laser Unit. Do not disassemble the Laser Unit. Replace the complete Laser Unit if it malfunctions.

4.CAUTION : The compact disc player uses invisible laserradiation and is equipped with safety switches whichprevent emission of radiation when the drawer is open and the safety interlocks have failed or are de feated. It is dangerous to defeat the safety switches.

5.CAUTION : If safety switches malfunction, the laser is able to function.

6.CAUTION : Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

⚠ ***CAUTION*** **Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.**

VARNING : Osynlig laserstrålning är denna del är öppnad och spårren är urkopplad. Betrakta ej strålen.

VARO : Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle.Älä katso säteeseen.

ADVARSEL : Usynlig laserstråling ved åbning , når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

ADVARSEL : Usynlig laserstråling ved åpning,når sikkerhetsbryteren er avslott. unngå utsettelse for stråling.

REPRODUCTION AND POSITION OF LABELS

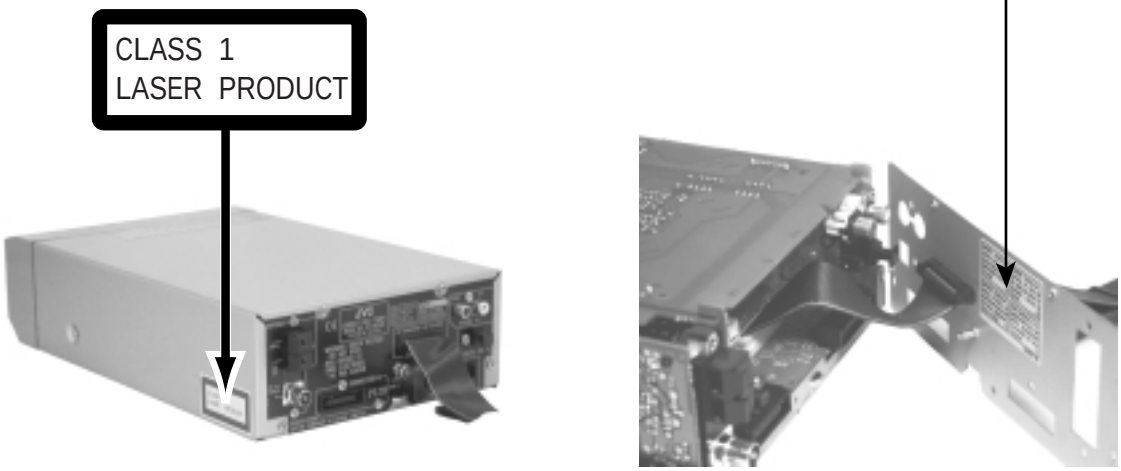
WARNING LABEL

DANGER : Invisibie laser radiation when open and interlock or defeated.
AVOID DIRECT EXPOSURE TO BEAM (e)

VARO : Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle.Älä katso säteeseen. (f)

VARNING : Osynlig laserstrålning är denna del är öppnad och spårren är urkopplad. Betrakta ej strålen. (s)

ADVARSEL :Usynlig laserstråling ved åbning , når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling. (d)



Preventing static electricity

Electrostatic discharge (ESD), which occurs when static electricity stored in the body, fabric, etc. is discharged, can destroy the laser diode in the traverse unit (optical pickup). Take care to prevent this when performing repairs.

1.1. Grounding to prevent damage by static electricity

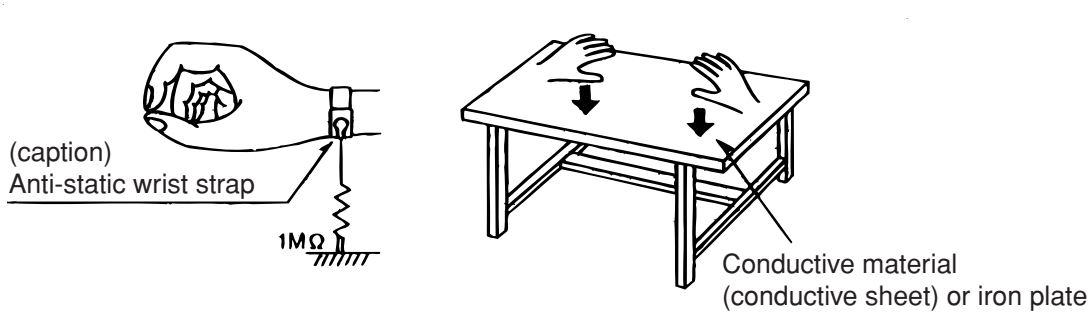
Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as DVD players. Be careful to use proper grounding in the area where repairs are being performed.

1.1.1. Ground the workbench

1. Ground the workbench by laying conductive material (such as a conductive sheet) or an iron plate over it before placing the traverse unit (optical pickup) on it.

1.1.2. Ground yourself

1. Use an anti-static wrist strap to release any static electricity built up in your body.



1.1.3. Handling the optical pickup

1. In order to maintain quality during transport and before installation, both sides of the laser diode on the replacement optical pickup are shorted. After replacement, return the shorted parts to their original condition. (Refer to the text.)

2. Do not use a tester to check the condition of the laser diode in the optical pickup. The tester's internal power source can easily destroy the laser diode.

1.2. Handling the traverse unit (optical pickup)

1. Do not subject the traverse unit (optical pickup) to strong shocks, as it is a sensitive, complex unit.

2. Cut off the shorted part of the flexible cable using nippers, etc. after replacing the optical pickup. For specific details, refer to the replacement procedure in the text. Remove the anti-static pin when replacing the traverse unit. Be careful not to take too long a time when attaching it to the connector.

3. Handle the flexible cable carefully as it may break when subjected to strong force.

4. It is not possible to adjust the semi-fixed resistor that adjusts the laser power. Do not turn it

Attention at repair reception

< ATTENTION >

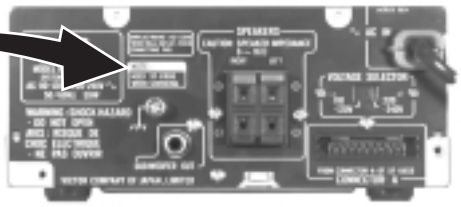
When this model is repaired, a part of unit of "UX-G6/FS-G6" is necessary.
A necessary unit is described to rear panel.
Please keep the unit from the customer together when you repair this model.

Unit necessary for repair

XT-UXG6

NOTE:
NEED & XT-UXG6
WHEN SERVICING

AX-UXG6



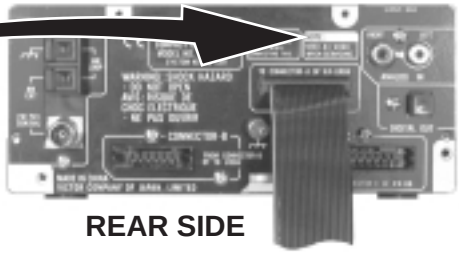
REAR SIDE

Unit necessary for repair

AX-UXG6

NOTE:
NEED AX-UXG6
WHEN SERVICING

XT-UXG6



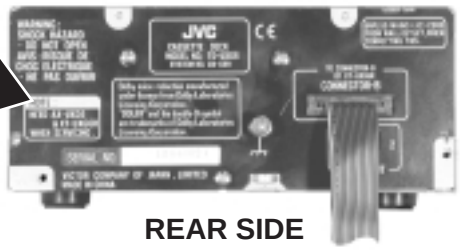
REAR SIDE

Unit necessary for repair

AX-UXG6
XT-UXG6

NOTE:
NEED AX-UXG6
& XT-UXG6
WHEN SERVICING

TD-UXG6



REAR SIDE

Instructions (UX-G6)

JVC

MICRO COMPONENT SYSTEM

UX-G6 Consists of AX-UXG6, XT-UXG6, TD-UXG6, and SP-UXG6.

STEREO AMPLIFIER

AX-UXG6

COMPACT DISC/TUNER

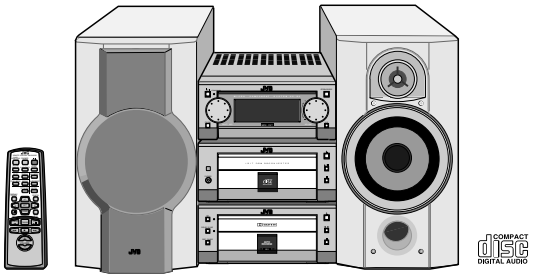
XT-UXG6

CASSETTE DECK

TD-UXG6

SPEAKER SYSTEM

SP-UXG6



COMPACT DISC DIGITAL AUDIO

INSTRUCTIONS

MANUAL DE INSTRUCCIONES

使用说明书

For Customer Use:
Enter below the Model No. and Serial No. which are located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No.

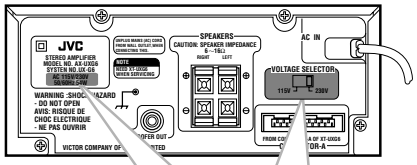
Serial No.

LVT0377-005A
[U, UB, US]

Mains (AC) Line Instruction (not applicable for Europe, U.S.A., Canada, Australia and U.K.)

Instrucción sobre la línea de la red (CA) (no aplicable para Europa, EE.UU., Canadá, Australia, ni el Reino Unido)

主〔AC〕电源线路说明（不适用于欧洲、美国、加拿大、澳洲及英国型号）

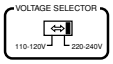


CAUTION for mains (AC) line
BEFORE PLUGGING IN, do check that your mains (AC) line voltage corresponds with the position of the voltage selector switch provided on the outside of this equipment and, if different, reset the voltage selector switch, to prevent from a damage or risk of fire/ electric shock.

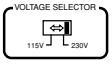
PRECAUCIÓN para la línea de la red (CA)
ANTES DE ENCHUFAR EL EQUIPO, compruebe si la tensión de la línea de la red (CA) corresponde con la posición del selector de tensión situado en la parte exterior del equipo, y si es diferente, reajuste el selector de tensión para evitar el riesgo de incendios/descargas eléctricas.

购买主 (AC) 电源线路的重要事项
[illegible]

[A]



[B]



Notes on [B] type voltage selector
115 V position of the selector covers from 110 V to 120 V in service, and 230 V position covers from 220 V to 240 V in service.

Notas sobre el selector de tensión tipo [B]
La posición de 115v del selector cubre desde 110 V hasta 120 V en funcionamiento, y la posición de 230 V cubra desde 220 V hasta 240 V en funcionamiento.

使用[B]型选择掣的注意事项
此型电压选择掣定到115 V 的位置可以保护从110 V 到120 V 的电压，而设定到230 V 位置可以保护从220 V 到240 V 的电压。

EN, SP, CH

JVC
VICTOR COMPANY OF JAPAN, LIMITED

0100JTMMDWJSC

Warnings, Cautions and Others
Avisos, precauciones y otras notas
警告，注意及其他项如事项

Caution — ⏻/I switch!
Disconnect the mains plug to shut the power off completely (the STANDBY/ON lamp goes off).
The ⏻/I switch in any position does not disconnect the mains line.
- When the unit is on standby, the STANDBY/ON lamp lights red.
- When the unit is turned on, the STANDBY/ON lamp lights green.

The power can be remote controlled.

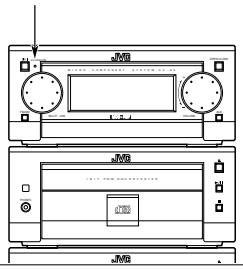
Precaución — Interruptor ⏻/I
Desconecte el enchufe de la red para desconectar la alimentación por completo (la lámpara STANDBY/ON se apaga).
El interruptor ⏻/I no desconectará completamente la alimentación principal, cualquiera que sea su posición.
- Cuando la unidad está en espera, la lámpara STANDBY/ON se enciende en rojo.
- Cuando conecta la unidad, la lámpara STANDBY/ON se enciende en verde.

La alimentacion puede ser controlada a distancia.

注意— ⏻/I 开关！
无论 ⏻/I 开关在任何位置，电源线的电源还是没有被切断，若要将电源完全关闭，应把电源插头拔离插座（STANDBY/ON 灯熄灭）。
- 当主机正处于备用状态，STANDBY/ON 灯为红色。
- 当主机开启后，STANDBY/ON 灯为青色。

电源开关可用遥控器控制。

The STANDBY/ON lamp
Lámpara STANDBY/ON
备用／开启灯



CAUTION
To reduce the risk of electrical shocks, fire, etc.:
1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

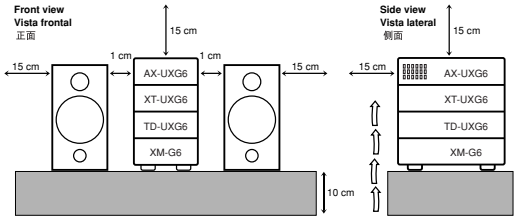
PRECAUCIÓN
Para reducir riesgos de choques eléctricos, incendio, etc.:
1. No extraiga los tornillos, los cubiertas ni la caja.
2. No exponga este aparato a la lluvia o a la humedad.

警告
为了减低触电、火灾等危险：
1. 请勿螺自卸下螺丝灯，盖子或机壳。
2. 切勿让本机受到淋或置潮湿环境中。

Caution: Proper Ventilation
To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:
1 Front: No obstructions and open spacing.
2 Sides/ Top/ Back: No obstructions should be placed in the areas shown by the dimensions below.
3 Bottom: Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.

Precaución: el aparato debe estar bien ventilado
Para evitar posibles riesgos de descargas eléctricas e incendios y prevenir cualquier posible daño, coloque el aparato del modo siguiente:
1 Parte delantera: No ponga nada delante, deje el espacio libre.
2 Laterales/ parte superior/ parte trasera: No se debería colocar nada en las áreas y las distancias que se detallan a continuación.
3 Parte inferior: Coloque el aparato sobre una superficie recta. Debe haber buena circulación de aire; para ello, coloque el aparato sobre una base a una altura mínima de 10 cm.

注意：正确通风
为免发生触电和火警的危险，及防止本机受损，请将本机如下放置：
1. 前面： 没有障碍物且敞开间距。
2. 侧面／顶面／背面： 在图中所示范围中，不应放置任何障碍物。
3. 底部： 放置在水平面上。放置在一个高 10 厘米或以上的台上，以保持足够的通风道。



IMPORTANT FOR LASER PRODUCTS
IMPORTANTE PARA PRODUCTOS LÁSER
雷射产品的重要说明

REPRODUCTION OF LABELS / REPRODUCCIÓN DE ETIQUETAS / 标签内容如图

① CLASSIFICATION LABEL, PLACED ON EXTERIOR SURFACE
② WARNING LABEL, PLACED INSIDE THE UNIT
① ETIQUETA DE CLASIFICACION, PROVISTA SOBRE LA SUPERFICIE EXTERIOR
② ETIQUETA DE ADVERTENCIA, PEGADA EN EL INTERIOR DE LA UNIDAD
① 分类标签，贴在机壳外部表面
② 警告标签，贴于机内

CLASS 1
LASER PRODUCT

DANGER: Invisible laser radiation when open and interlock failed or defeated. AVOID DIRECT EXPOSURE TO BEAM. (e)

VARNING: Osynlig laserstrålning när denna del är öppnad och spärren är urkopplad. Betrakta ej strålen. (s)

ADVARSEL: Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling (d)

VARO: Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle. Älä katso säteeseen. (f)

1. CLASS 1 LASER PRODUCT
2. **DANGER**: Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION**: Do not open the top cover. There are no user serviceable parts inside the Unit; leave all servicing to qualified service personnel.

1. PRODUCTO LÁSER CLASE 1
2. **PELIGRO**: En el interior hay radiación láser invisible. Evite el contacto directo con el haz.
3. **PRECAUCIÓN**: No abra la tapa superior. En el interior de la unidad no existen piezas reparables por el usuario; deje todo servicio técnico en manos de personal calificado.

1. 一级激光产品
2. **危险**：当内锁断定装置失效或者拆开后，打开盖板可能会产生不可见的激射辐射，应避免使其光束直接照射。
3. **注意**：请勿打开顶盖板，本机内部没有用户可自行维修的部件；所有维修工作应由有资格的人员完成。

English

Introduction

We would like to thank you for purchasing one of our JVC products. Before operating this micro component system, read this manual carefully and thoroughly to obtain the best possible performance from your system, and retain this manual for future reference.

About This Manual

This manual is organized as follows:

- The manual mainly explains operations using the buttons and controls on the units. You can also use the buttons on the remote control if they have the same or similar names (or marks) as those on the units.
  If operation using the remote control is different from that using each unit, it is then explained.
- Basic and common information that is the same for many functions is grouped in one place, and is not repeated in each procedure. For instance, we do not repeat the information about turning on/off the system, setting the volume, changing the sound effects, and others, which are explained in the section "Basic Settings" and "Common Operations" on pages 10 to 13.
- The following marks are used in this manual:

STOP! Gives you warnings and cautions to prevent from a damage or risk of fire/ electric shock.
Also gives you information which is not good for obtaining the best possible performance from the units.

Notes Gives you information and hints you had better know.

Precautions

Installation

- Install in a place which is level, dry and neither too hot nor too cold — between 5°C and 35°C.
- Install the units in a location with adequate ventilation to prevent internal heat buildup in the units.
- Leave sufficient distance between the units and the TV.
- Keep the speakers away from the TV to avoid interference with TV.

STOP! DO NOT install the units in a location near heat sources, or in a place subject to direct sunlight, excessive dust or vibration.

Power sources

- When unplugging from the wall outlet, always pull the plug, not the AC power cord.

STOP! DO NOT handle the AC power cord with wet hands.

Moisture condensation

Moisture may condense on the lens inside the units in the following cases:
- After starting heating in the room
- In a damp room
- If the units are brought directly from a cold to a warm place

Should this occur, the system may malfunction. In this case, leave the units turned on for a few hours until the moisture evaporates, unplug the AC power cord, and then plug it in again.

Others

- Should any metallic object or liquid fall into a unit, unplug the units and consult your dealer before operating any further.
- If you are not going to operate the units for an extended period of time, unplug the AC power cord from the wall outlet.

STOP! DO NOT disassemble the units since there are no user serviceable parts inside.

If anything goes wrong, unplug the AC power cord and consult your dealer.

English

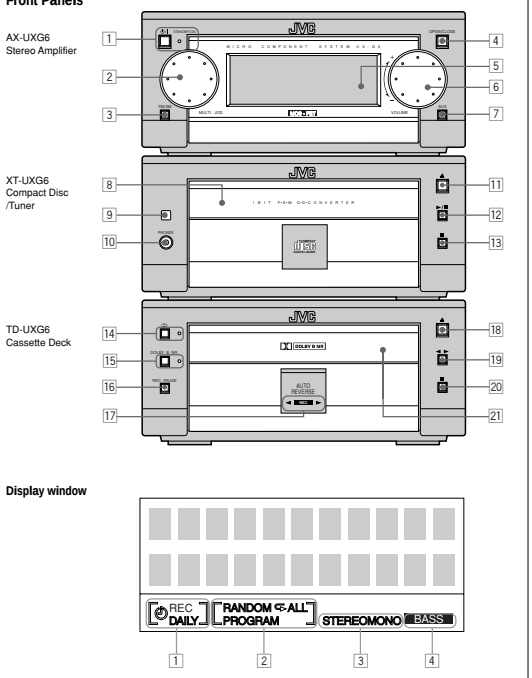
Contents

English

Location of the Buttons and Controls

Become familiar with the buttons and controls on the units.

Front Panels



Display window

Continued

English

Front Panels

AX-UXG6 Stereo Amplifier

1. ⏻/I button and STANDBY/ON lamp (11)*
2. MULTI JOG dial
3. FM/AM button (14)*
4. OPEN/CLOSE button (13)*
5. Display window
6. VOLUME dial (12)
7. AUX button (13, 24)*

XT-UXG6 Compact Disc/Tuner

8. CD tray
9. Remote sensor (5)
10. PHONES jack (12)
11. ⏏ (open/close) button for CD tray (16)*
12. ►/II (play/pause) button (17)*
13. ■ (stop) button (17)

TD-UXG6 Cassette Deck

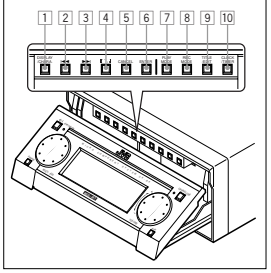
14. ⊂⊃ (auto-reverse) button and lamp (20, 23)
15. DOLBY B NR button and lamp (21, 23)
16. REC PAUSE button (22)
17. Tape operations indicators (20, 22)
    - Tape direction (◄ / ►) and REC indicators
18. ⏏ (open/close) button for Tape tray (20)*
19. ◄► (playback) button (20)*
20. ■ (stop) button (21)
21. Tape tray

To press the buttons suffixed with * mark also turns on the system.

Display window

1. Timer mode indicators
   - ⏲ REC (recording timer) and ⏲ DAILY (daily timer) indicators
2. CD playback mode indicators
   - PROGRAM, RANDOM, ⊂⊃ (repeat 1), and ⊂⊃ ALL (repeat all) mode indicators
3. FM mode indicators
   - STEREO and MONO indicators
4. BASS indicator

Buttons behind the sliding panel



1. DISPLAY/CHARA. button **
2. I◄◄ button (14, 17, 18, 21)
3. ►►I button (14, 17, 18, 21)
4. SET button (18, 25)
5. CANCEL button (10, 18, 25)
6. ENTER button **
7. PLAY MODE button (17)
8. REC MODE button (24)
9. TITTLE/EDIT button **
10. CLOCK/TIMER button (10, 25)

** Used only with MiniDisc recorder XM-G6 (not supplied).

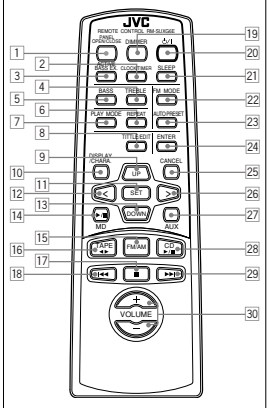
- DO NOT operate any button and control until the system setup is completed.
- DO NOT operate the sliding panel by hands, otherwise it will cause serious damages on the sliding mechanism (see page 13).

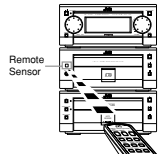
English

Continued

Become familiar with the buttons on the remote control.

Remote Control





When using the remote control, point it at the remote sensor on the front panel.

Remote Control

1. PANEL OPEN/CLOSE button (13)
2. CLOCK/TIMER button (10, 25)
3. ACTIVE BASS EX. (extension) button (12)
4. TREBLE button (12)
5. BASS button (12)
6. REPEAT button (19)
7. PLAY MODE button (17)
8. TITTLE/EDIT button *
9. UP button (12, 14, 17)
10. DISPLAY/CHARA. button *
11. SET button (18, 25)
12. < (left cursor) button (10, 17, 25)
13. DOWN button (12, 14, 17)
14. MD ►/II (play/pause) button *
15. FM/AM button (14)
16. TAPE ◄► (playback) button (20)
17. ■ (stop) button (17, 21)
18. I◄◄ button (14, 17, 18, 21)
19. DIMMER button (10)
20. ⏻/I (standby/on) button (11)
21. SLEEP button (28)
22. FM MODE button (15)
23. AUTO PRESET button (15)
24. ENTER button *
25. CANCEL button (10, 18, 25)
26. > (right cursor) button (10, 17, 25)
27. AUX button (13, 24)
28. CD ►/II (play/pause) button (17)
29. ►►I button (14, 17, 18, 21)
30. VOLUME +/– button (12)

* Used only with MiniDisc recorder XM-G6 (not supplied).

To operate the system correctly using the remote control
Before using these buttons:
For Tuner operations, press FM/AM button on the remote control first.
For CD operations, press CD ►/II (play/pause) button on the remote control first.
For Tape operations, press TAPE ◄► (playback) button on the remote control first.

English

Getting Started

Unpacking

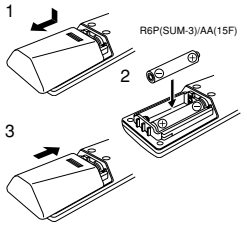
After unpacking, check to be sure that you have all the following items.
The number in the parentheses indicates the quantity of the pieces supplied.

- AM loop antenna (1)
- FM antenna (1)
- Remote control (1)
- Batteries (2)
- Speaker cords (2)
- External wire (1)

If any is missing, consult your dealer immediately.

Putting the Batteries into the Remote Control

Insert the batteries — R6P (SUM-3)/AA (15F) — into the remote control, by matching the polarity (+ and –) on the batteries with the + and – markings on the battery compartment.
When the remote control can no longer operate the units, replace both batteries at the same time.

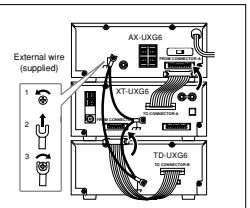


- DO NOT use an old battery together with a new one.
- DO NOT use different types of batteries together.
- DO NOT expose batteries to heat or flame.
- DO NOT leave the batteries in the battery compartment when you are not going to use the remote control for an extended period of time. Otherwise, it will be damaged from battery leakage.

Connecting the System Control Cables and the External Wire

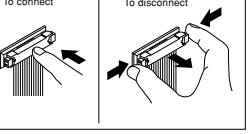
UX-G6 micro component system consists of three units, AX-UXG6 Stereo Amplifier, XT-UXG6 Compact Disc/Tuner, TD-UXG6 Cassette Deck, and SP-UXG6 Speaker System.
You can easily connect these units using the system control cables equipped on the rear panel of the units.

- **To prevent malfunction,** connect the external wire as illustrated.



DO NOT change vertical stacking order of the units as illustrated to avoid heat buildup.

- **To connect the cables,** press the middle of the connector body until it clicks into the connector on the rear panel.
- **To disconnect,** if needed, pull the connector out pushing both sides of the connector body. Never pull out the cables themselves.



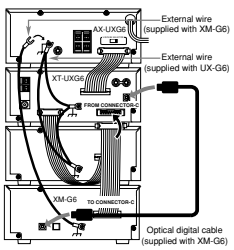
When connecting the system control cables to the connectors
Make sure to connect the cable to the connector having the same name such as "FROM CONNECTOR-A" and "TO CONNECTOR-A."

English

Continued

Connecting MD Recorder XM-G6

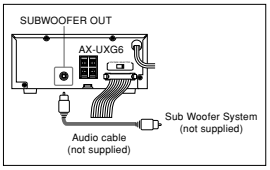
You can also connect the MD recorder XM-G6 (not supplied), specifically designed for UX-G6. This unit will complete UX-G6 micro component system.
When you connect and use this unit, refer to the Instructions supplied with it for details.



- DO NOT install XM-G6 until you turn off the system and unplug the AC power code, otherwise installation should fail to damage the system.
- DO NOT change the vertical stacking order of XM-G6 as illustrated to avoid heat buildup.

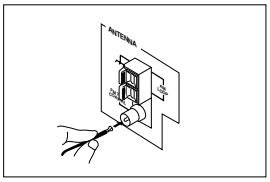
Connecting Sub Woofer System

When using JVC external sub woofer system, connect audio cable between AX-UXG6's SUB WOOFER OUT jack and the input of your sub woofer system.



Connecting Antennas

Supplied FM antenna



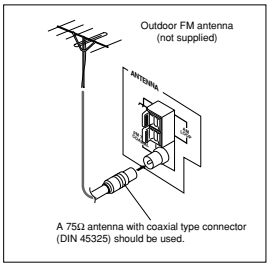
1 Attach the FM antenna to the FM 75 Ω COAXIAL terminal on the rear panel of XT-UXG6.

2 Extend the FM antenna.

3 Fasten it up in the position which gives you the best reception.

About the supplied FM antenna
The FM antenna supplied with this unit can only be used as temporary measure. If reception is poor, you can connect an outdoor FM antenna.

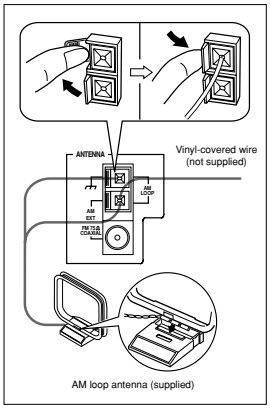
To connect an outdoor FM antenna
Before connecting it, disconnect the supplied FM antenna.



Continued

English

AM antenna



1 Connect the AM loop antenna to the AM LOOP terminals as illustrated.

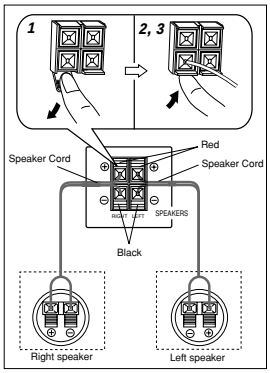
2 Turn the AM loop antenna until you have the best reception.

To connect an external AM antenna
When reception is poor, connect a single vinyl-covered wire to the AM EXT terminal and extend it horizontally. (The AM loop antenna must remain connected.)

For better reception of both FM and AM
- Make sure the antenna conductors do not touch any other terminals and connecting cables.
- Keep the antennas away from metallic parts of the units, connecting cables, and the AC power cord.

Connecting Speakers

You can connect the speakers using the speaker cords.



1 Open the speaker terminal.

2 Insert the end of the speaker cord to the terminal.
Match the polarity of the speaker terminals: Red (+) to red (+) and black (–) to black (–).

3 Close the speaker terminal on the rear of the unit.

When connecting speaker cords
- Make sure to connect the cords correctly following the right series of above steps.
  During operation, wrong connection or a short circuit make the power turned off to protect the system.
  The clock loses the setting and is reset to "0:00". Also the MD recording may fail.
- Use only speakers with the same speaker impedance as indicated by the speaker terminals on the rear of the unit.

English

Continued

Connecting Other Equipments

You can connect the following equipments to the system:

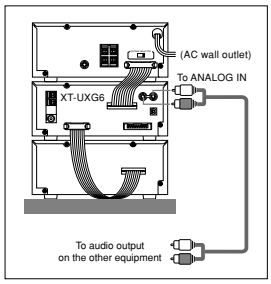
- Audio equipment — used only as an analog playback device.
- Audio equipment with an optical digital input terminal — used as a digital recording device.

When you connect and use these equipments, refer also to the manuals supplied with them.

To connect audio equipment without a digital output terminal
Connect the audio output jacks on the other equipment and the ANALOG IN jacks, using an audio cable (not supplied).

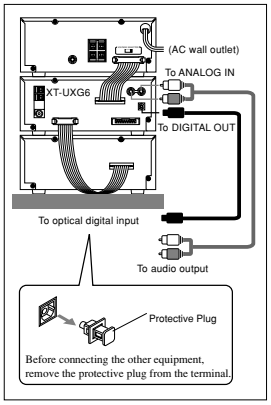
Be sure that the plugs of the audio cables and the jacks on the rear panel of the unit are color coded: White plugs and jacks are for left audio signals, and red ones for right audio signals.

- DO NOT connect other equipment while the power is on.
- DO NOT plug in any equipment until all connections are complete.



- By using audio cable (not supplied), connect between the audio output jacks on the other equipment and the ANALOG IN jacks.

To connect audio equipment with an optical digital input terminal
By using both an optical digital cable (not supplied) and an audio cable (not supplied), connect:
- Between the optical digital input terminal on the other equipment and the optical digital output terminal on XT-UXG6.
- Between the audio output jacks on the other equipment and the ANALOG IN jacks.



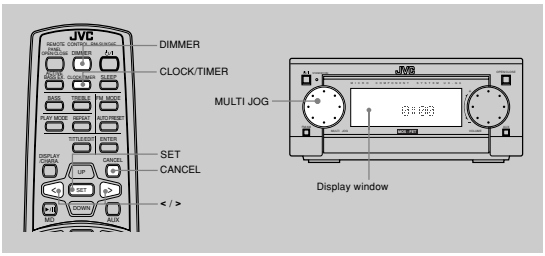
NOW, you can plug in the system and other connected equipment FINALLY!

DO NOT plug in before setting the voltage selector switch on the rear of the unit and all connection procedure are complete (check to see page 11).

When connecting the AC power cord into a wall outlet, the system switches to standby mode with STANDBY/ON lamp lit red.

English

Basic Settings



Before operating the system any further, set the clock built in this system first, then some other basic settings.

Setting the Clock

You can set the clock using the remote control whether the system is turned on or turned off (i.e. standby mode).

1 Press CLOCK/TIMER button on the remote control.
The hour digit in the display window starts blinking.

0:00

2 Press < / > button on the remote control to adjust the hour, then press SET button on the remote control (rotating MULTI JOG dial also available).

10:00

- **To correct the hour after pressing SET button,** press CANCEL button. The hour digit starts blinking again.

3 Press < / > button on the remote control to adjust the minute, then press SET button on the remote control (rotating MULTI JOG dial also available).

10:28

If there is a power failure
The clock loses the setting and is reset to "0:00."
To adjust the clock again
You need to press CLOCK/TIMER button five times until the clock setting mode is selected.

Setting the Display Illumination (Dimmer)

You can adjust the brightness of around the display window. Each time you press DIMMER button, the display window dims and brightens alternately.

- **While the system is turned off:**
  Press DIMMER button, "DISPLAY OFF" appears in the display window for a while and the system clock disappears.

DISPLAY OFF

Press the button again, "DISPLAY ON" appears in the display window for a while and only the system clock become dimmed.

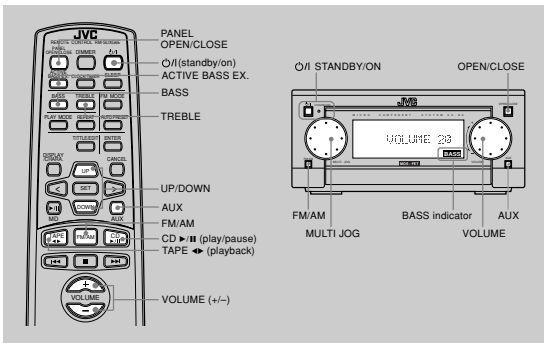
DISPLAY ON

- **While the system is turned on:**
  Press DIMMER button, both operating information and indicators in the display window dims. The light around MULTI JOG dial also becomes darker than usual. Press the button again, all the illumination around the display window recovers as usual.

Dimmer setting in the standby mode
Once the system is turned on, the dimmer setting in the standby mode does affect neither normal operations nor display indications.

English

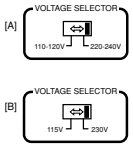
Common Operations



Here are basic and common things that apply to all the operations of UX-G6 system.

Adjusting the Voltage Selector

Before plugging in the system, set the correct voltage for your area with the voltage selector on the rear of AX-UXG6 unit.



Notes on [B] type voltage selector
115 V position of the selector covers from 110 V to 120 V in service, and 230 V position covers from 220 V to 240 V in service.

Turning On the Power and Selecting the Sources

When you press a play button for example, like FM/AM, CD ►/II (play/pause), or TAPE ◄► (playback), the system automatically turns on and STANDBY/ON lamp lights green.

One Touch Play

If any CD or a tape, or last tuned station provided, the system starts playing that source.
To select the external equipment as the source, press MD ►/II (play/pause) or AUX button so that the system automatically turns on.

Using ⏻/I button

- **To turn on the system without playing,** press ⏻/I button so that STANDBY/ON lamp lights green.
- **To turn off the system (standby mode),** press again ⏻/I button so that STANDBY/ON lamp lights red.

A little power is always consumed even while the system is in standby mode.

English

Continued

- **To save the power consumption,** make use of Dimmer feature (see page 10).
- **To switch off the power supply completely,** unplug the AC power cord from the AC outlet. STANDBY/ON lamp goes off.

When you unplug the AC power cord or if a power failure occurs
The clock is reset to "0:00" right away, while the tuner preset stations will be erased in a few days.

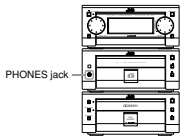
Adjusting the Volume

You can adjust the volume level only while the system is turned on.
- Rotate VOLUME dial clockwise to increase the volume level or counterclockwise to decrease it.
- Using VOLUME dial, rotating quickly makes a large change in the volume level while rotating slowly makes a step-by-step change.
- When using the remote control, press VOLUME + button to increase the volume level or press VOLUME – button to decrease it.

The volume level (from 0 to 50) appears in the display window as follows:

VOLUME 20

For private listening
Connect a pair of headphones to the PHONES jack. No sound comes out of the speakers. Be sure to turn down the volume level before connecting or putting headphones.



STOP! DO NOT turn off the system with the volume level set to an extremely high level; otherwise, the sudden blast of sound can damage your hearing, speakers and/or headphones when you turn on the system or start playing any source.
REMEMBER you cannot adjust the volume level while the system is turned off.

Reinforcing the Bass Sound

The richness and fullness of the bass sound is maintained regardless of how low you set the volume level.
You can use this effect only while listening sources.
- **To get the effect,** press ACTIVE BASS EX. button on the remote control, and its indicator lights in the display window.
- **To cancel the effect,** press the button again so that the indicator goes off.

Adjusting Bass and Treble Sounds

You can adjust bass and treble sound effects with the remote control, conforming to your preference and acoustic surroundings.
You can use this effect only while listening sources.

To adjust the bass

1 **Press BASS button.**
The current level settings shortly appears as follows:

BASS +3

To exit from the level setting, press the button again.

2 **Press UP/DOWN button to adjust the level.**
- Press UP button to increase the bass tone level.
- Press DOWN button to decrease the bass tone level.

The bass level can be adjusted in seven steps from –3 through 0 to +3 (step "0" makes no effect).

To cancel the effect, adjust the level to "0."

To adjust the treble

1 **Press TREBLE button.**
The current level settings shortly appears as follows:

TREBLE –2

To exit from the level setting, press the button again.

2 **Press UP/DOWN button to adjust the level.**
- Press UP button to increase the treble tone level.
- Press DOWN button to decrease the treble tone level.

The treble level can be adjusted in seven steps from –3 through 0 to +3 (step "0" makes no effect).

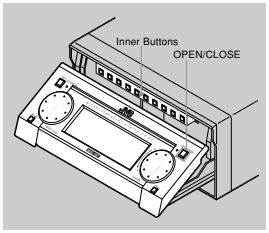
To cancel the effect, adjust the level to "0."

English

Continued

Operating the Sliding Panel

You can use the sliding panel to enable advanced operations features provided for UX-G6 micro component system.



- Press OPEN/CLOSE button on the front panel (or PANEL OPEN/CLOSE button on the remote control).
  The sliding panel opens to uncover the inner buttons behind the panel for further operations.
- Press OPEN/CLOSE button again.
  The sliding panel automatically closes to hide the 10 inner buttons.

Each time you press the button, the sliding panel opens and closes repeatedly.

The buttons behind the sliding panel provided to control various program settings such as playback, recording, and presetting mode of each source. For details, refer to chapters concerning to the particular unit.

When turning off the system
After pressing ⏻/I button, the system closes sliding panel as well as other CD tray and Tape tray automatically if they are still opened.

Listening to the External Equipment

You can listen to an external equipment such as MD recorder, VCR, and other auxiliaries.
First make sure that the external equipment is properly connected to the system (see page 7 and 9). For operation of the equipment, refer to its Instructions.

1 **Press AUX button to select an external source.**
- To play an audio equipment without optical digital output, select AUX so that the following information appears in the display window.

AUX

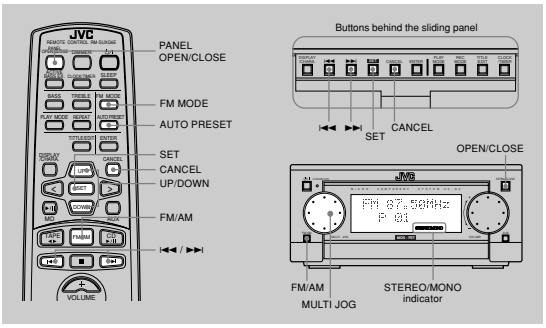
2 **Start playing back the external equipment.**

3 **Adjust the volume level to the desired listening level.**

4 **Apply other sound effects, if you wish.**

English

Listening to FM and AM Broadcasts



You can tune in FM and AM stations manually, automatically, and use the preset station feature.

Setting the AM Tuner Interval Spacing

Some countries space AM stations 9 kHz apart, and some countries use 10 kHz spacing.
When shipped, the built-in AM tuner is set to 9 kHz spacing.

- **To set the frequency spacing — on the front panel only**
  Press FM/AM button first.
  While pressing and holding ■ (stop) button on XT-UXG6, press FM/AM button on AX-UXG6 repeatedly to select "AM–9kHz" or "AM–10kHz" appeared alternately in the display window.

Tuning in a Station

1 **Press FM/AM button.**
The system automatically turns on and tunes in the last tuned station (either FM or AM). The following information appears in the display window.

FM 87.50MHz
P 01 — Preset number

- Each time you press the button, the band alternates between FM and AM.
- If a program on FM band is broadcast in stereo, STEREO indicator lights.

2 **Select a station using one of the following three methods.**
- **Manual Tuning**
  Opening the sliding panel, press |◄◄ / ►►| (lower/higher frequencies) button repeatedly to change the frequencies step by step until you find the desired station.
- **Auto Tuning**
  Opening the sliding panel, press and hold |◄◄ / ►►| (lower/higher frequencies) button for a second or more to start searching a station and stop automatically until the station of sufficient signal strength is tuned in.
- **Preset Station Tuning**
  Rotate MULTI JOG dial clockwise to increase the preset number or counterclockwise to decrease it until the desired station is easily found.

Using the remote control:
UP/DOWN button on the remote control also has the same function as **MULTI JOG** dial on the front panel.

English

Continued

Preset Station
You are possibly not allowed to use the feature until the station presetting completes.
In some cases, test frequencies have been already memorized for the system since the factory examined the preset station features before shipment. This is not a malfunction.

Presetting Stations

You can preset up to 30 FM and 15 AM stations into memory by following two methods: manual/automatic presettings.

- There is a time limit in doing the following steps. If the setting is canceled before you finish, start from step 1 again.

To preset stations manually — Manual Preset

1 Press I◄◄ / ►►I (lower/higher frequencies) button to tune in the desired station manually.

FM 87.50MHz

2 Press SET button.
"SET" appears in the display window for a while (not blinking).

SET

- Note that "SET" message disappears, presetting procedure is cancelled.

3 Rotate MULTI JOG dial or press repeatedly UP/DOWN button to select the preset channel numbered from 1 to 30 on FM, or 1 to 15 on AM.

FM 87.50MHz
P 02

- Note that the selected channel "02" disappears, presetting procedure is cancelled.

4 Press SET button again.
"STORED" appears in the display window for a while.

STORED

5 The tuned station in step 1 is now stored in the preset channel selected in step 3.

FM 87.50MHz
P 02

Storing a new station on an used channel erases the previously stored one.

To preset stations automatically — Auto Preset

You can automatically preset 30 FM, 15 AM stations. Preset numbers will be allocated as stations are found, starting from the lowest frequency and moving up to the higher frequency.

On the remote control only:

1 Press FM/AM button to select a desired band.

2 Press and hold AUTO PRESET button on the remote control for more than two seconds.
The system automatically starts searching for stations with the strong signals continuously, and they are stored successively into memory as follows:

FM 91.25MHz
⬇
P 01
⬇
FM 95.75MHz
⬇
P 02

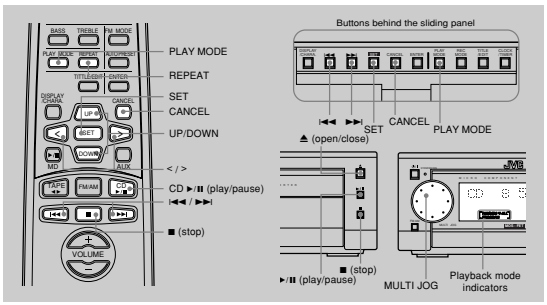
When you unplug the AC power cord or if a power failure occurs
The preset stations will be erased in a few days.
If this happens, preset the stations again.

To change the FM reception mode

- When an FM stereo broadcast is hard to receive or noisy, press FM MODE button on the remote control so that MONO indicator lights in the display window. Reception improves.
- **To restore the stereo effect,** press FM MODE button again so that STEREO indicator lights in the display window.
In this stereo mode, you can hear stereo sounds when a program is broadcast in stereo.

English

Playing Back a CD

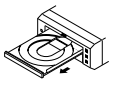


You can use Normal, Program, Random, or Repeat Play.
- When using the buttons behind the sliding panel, press OPEN/CLOSE button on the AX-UXG6 to open the sliding panel first.
- When using the remote control, press CD ►/II (play/pause) button first and ■ (stop) button successively.

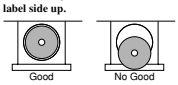
STOP!
- DO NOT try to open or close the CD tray by hands as it will be damaged.
- DO NOT place any foreign matters.
- DO NOT prevent the tray from opening and closing, because it may results damages on the unit.

Playing Back the Entire Disc — Normal Play

1 Press ≜ (open/close) button on CD unit.
The system automatically turns on and the disc tray comes out.



2 Place a disc correctly on the circle of the disc tray, with its label side up.



- When using a CD single (8 cm), place it on the inner circle of the disc tray.

3 Press ≜ (open/close) button again.
The disc tray closes while the information appears one after another as follows.

CD CLOSE
⬇
CD READING
⬇
CD 8 58:34
Total track number
Total playback time

- When closing the tray without a CD placed, "CD NO DISC" appears.

When pressing ►/II (play/pause) button directly, the system starts playback a CD immediately.

English

Continued

4 Press ►/II (play/pause) button on the CD unit.
Each track of the CD starts playing one after another, and stops when the final track has finished playing.

CD 1 0:01

- **To stop playing back for a moment,** press ►/II (play/pause) button on the CD unit.
The playback time starts blinking in the display window.

CD 5 38:34

- **To resume playback,** press ►/II (play/pause) button again.
Playback continues from the point where it was stopped for a while.

5 Press ■ (stop) button to stop playing back the CD.
Following information for the CD appears in the display window.

CD 8 58:34
Total track number
Total playback time

6 Press ≜ (open/close) button on the CD unit to remove the CD.
- Pressing ≜ (open/close) button during playback directly, the CD unit stops playback and opens CD tray.

Searching and Skipping Tracks

While playing back a CD, you can do the following operations.

To search and skip to a particular point in a track

During playback, **press** and **hold I◄◄ / ►►I** button to meet the desired passages in a track:

Press and hold or ►►I button:
Fast forwards in the track.
Press and hold or I◄◄ button:
Fast reverses in the track.

UP/DOWN button on the remote control is also available to searching operations.

To go to another track

Before or during playback, **press I◄◄ / ►►I** button repeatedly:

Press ►►I button:
Skips to the beginning of the next and succeeding tracks.
Press I◄◄ button:
Goes back to the beginning of the current and previous tracks.

Rotating MULTI JOG dial clockwise also changes the tracks forwards quickly, while rotating it counterclockwise the tracks reverses quickly.

< / > button on the remote control is also available to skipping operations.

Programing the Playing Order of the Tracks — Program Play

You can arrange the order in which the tracks play before you start playback. You can program up to 32 tracks.

1 Place a CD.
- If the current playing source is not the CD, press ►/II (play/pause) button on the CD unit, then ■ (stop) button before going to the next step.

2 Press PLAY MODE button repeatedly until "CD PROGRAM" appears in the display window.

CD PROGRAM

- Each time you press the button, playback mode indicators also change as follows:

PROGRAM → RANDOM → Canceled (Normal play)

3 Rotate MULTI JOG dial to select a track number to be programed (< / > buttons also available).

CD 1 P --
Track number
Program number

English

Continued

4 Press SET button to program the track number.

CD 2 P 1
Track number
Program number

Here the track number 2 on the CD is stored into a program number 1, and shortly after that the total playback time of programed tracks appears in the display window as follows:

CD 2 5:01
Total playback time

5 Repeat steps 3 to 4 to program other tracks you want up to 32 tracks.

- **If you try to program a 33rd step**
"MEMORY FULL" will appear in the display window, and your entry is ignored.
- **The total playback time of programed tracks exceeds 99'59"**
"– – : – –" will appear in the display window.

6 Press ►/II (play/pause) button on the CD unit.
The programed tracks are played back in the order you have set.
- Other CD operations are the same as Normal play.

7 Press ■ (stop) button to quit the Program play.
- When Program play finished, CD unit automatically stops.

To check the program contents

Before playing back the CD, you can check the program contents by using I◄◄ / ►►I button.

Press ►►I button:
Shows the programed tracks in the programed order.
Press I◄◄ button:
Shows them in the reverse order.

To modify the program

Before playing back the CD, you can erase the last programed track by pressing CANCEL button. Each time you press the button, the last programed track is erased from the end of program.
- **To add new tracks to the program** before you start playing-back, simply select a track number again you want to add (repeat steps 3 to 4).

To erase all the programed data

After playing back the CD, you can erase all the programed track data by pressing ■ (stop) button. New program can be entered again.

To exit from the Program play mode

Before or during playback, you can exit from Program play mode as follows:
- Before playback, press PLAY MODE button twice.
- During playback, press ■ (stop) button then PLAY MODE button twice.

Playback mode indicator goes off and the system resumes Normal play mode.

Pressing ≜ (open/close) button to open the CD tray also quits and erases the program play.

English

Continued

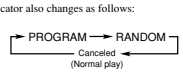
Playing at Random — Random Play

The tracks of the loaded CD will play in no special order (at random) when you select this mode.

1 Place a CD.
If the current playing source is not the CD, press ►/II (play/pause) button on the CD unit, then ■ (stop) button before going to the next step.

2 Press PLAY MODE button repeatedly until "CD RANDOM" appears in the display window.

• Each time you press the button, playback mode indicator also changes as follows:



3 Press ►/II (play/pause) button on the CD unit.

The track numbers are shuffled in the display window for a few seconds, and start playing back at random. Random play ends when all the tracks are played back once.
• Other CD operations are the same as Normal play.

4 Press ■ (stop) button to quit Random play.

To exit from Random play mode
Before playing back the CD, you can exit from Random play mode as follows:

• Before playback, press PLAY MODE button once.
• During playback, press ■ (stop) button then press PLAY MODE button once.

Play mode indicator goes off and the system resumes the normal play mode.

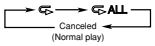
notes **Pressing ≜ (open/close) button to open the CD tray also quits and erases the random play.**

Repeating Tracks — Repeat Play

You can have the entire disc, the programed tracks, or the individual track repeat as many times as you like.

1 Place a CD.
If the current playing source is not the CD, press ►/II (play/pause) button on the CD unit, then ■ (stop) button before going to the next step.

2 Press REPEAT button on the remote control repeatedly to set the repeat mode.
• Each time you press the button, repeat mode indicators light in the display window, and Repeat playback mode changes as follows:



: Repeats one track on the CD or in a program.
ALL : Repeats all the tracks on the CD or a program.

3 Press ■ (stop) button to quit Repeat play.

To exit from Repeat play mode
Pressing REPEAT button repeatedly until repeat mode indicators (and ALL) goes off in the display window.

notes **Combining play modes:**
• When combining Program play and Repeat play, you can repeat whole the programed tracks or one track among them (and ALL).
• When combining Random play and Repeat play, you can just repeat whole the shuffled tracks (only ALL).

English

Continued

5 Press ■ (stop) button to stop playback the tape.

6 Press ≜ (open/close) button directly to stop and remove the tape.

notes **While the system is turned off (standby mode)**
Pressing ◄► (playback) or TAPE ◄► (playback) button automatically switches the system turned on and starts playback if a tape is already loaded.

Fast-Winding a Tape

While stopping the tape, press I◄◄ / ►►I button to fast-wind the tape.

To fast-forward, if the current tape direction is:
► ⇨ Press ►►I button.
◄ ⇨ Press I◄◄ button.

To fast-rewind, if the current tape direction is:
► ⇨ Press I◄◄ button.
◄ ⇨ Press ►►I button.

During fast-winding, the tape direction indicator starts blinking quickly.

notes **When the tape comes to an end**
The deck unit automatically stops.

Searching and Skipping to Each Program — Music Scan

While playing the tape, you can search and skip to the beginning of the current and next program on a tape.

notes Music scan searches for blank portions that usually separate programs recorded onto the tape, then automatically plays the program beginning after that blank portion.

To skip backward to the current music
Press the button opposite to the tape direction indicator as follows:
► ⇨ Press I◄◄ button.
◄ ⇨ Press ►►I button.

To skip forward to the next music
Press the button same as the tape direction indicator as follows:
► ⇨ Press ►►I button.
◄ ⇨ Press I◄◄ button.

During Music Scan progressed, the tape direction indicator starts blinking rhythmically.

notes **Repeating Music Scan feature made easy**
searching a desired program on a tape one after another.

notes **The beginning of the desired program may not be located properly**
If blanks between music are too short, the blanks contain too much noise or the program itself contains very low-level or silent part.

Playing Back Dolby-Recorded Tape

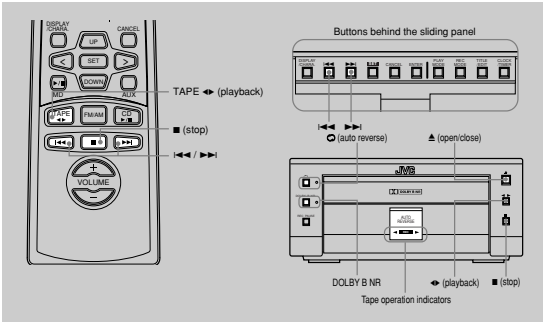
You can play back the tape recorded with Dolby B NR system. The Dolby NR system allows to reduce hiss noise in playback.

Press DOLBY B NR button on the cassette deck before playback. Each time you press the button, the Dolby NR lamp on the unit lights up orange or turns off.

notes **A tape recorded using Dolby NR**
Should be played back using the Dolby NR of the same type as that used in recording. The audio quality will be affected if a different type is used in playback.

English

Playing Back a Tape

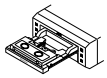


You can listen to Normal (Type I), High position (TypeII), and Metal (Type IV) type tapes without further settings.
• When using the inner buttons, press OPEN/CLOSE button on AX-UXG6 unit to open the sliding panel first.
• When using the remote control, press TAPE ◄► (playback) button first and ■ (stop) button successively.

STOP! **DO NOT use tapes longer than 120 minutes.**
The characteristic deterioration may occur and these tapes easily jam in the tape transport mechanism.

Playing Back a Tape — Basic Operation

1 Press ≜ (open/close) button on the cassette deck unit.
The system automatically turns on and the tape tray comes out.



2 Place a tape on the tray with the side you want to listen to facing up (forward side).
Tape fits in the caved-in area so that an exposed edge of the tape faces toward the inside of the unit.

STOP!
• DO NOT try to open or close the tape tray by hands as it will be damaged.
• DO NOT place any foreign matters.
• DO NOT prevent the tray from opening and closing, because it may results damages on the unit.

3 Press ≜ (open/close) button again to close the tray.

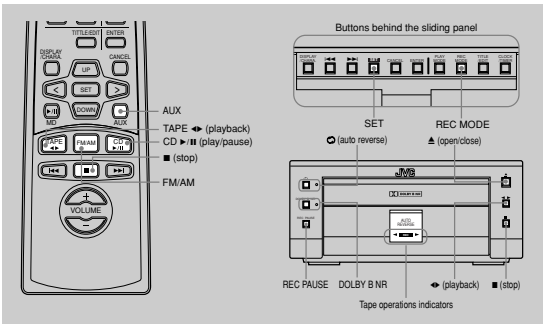
4 Press ◄► (playback) button on the unit or TAPE ◄► (playback) button on the remote control.
The tape playback starts and the tape direction indicator blinks slowly in orange to show the tape running direction.

• Each time you press ◄► (playback) on the cassette deck unit or TAPE ◄► (playback) button on the remote control, you can change the tape sides to be played back currently.
►: plays the forward side.
◄: plays the reverse side.

notes **Playback comes to an end (Auto Reverse)**
The cassette deck unit automatically changes the tape direction to the reverse side, and continue playback both sides. Each time to press the button, Auto Reverse feature is set to on/off alternately.

English

Recording onto a Tape



Two types of cassette tapes can be recorded onto, including normal (Type I), and High position (Type II) tapes. These types are identified automatically by the cassette deck unit and the recording level is also corrected automatically. Neither volume level nor sound effects during playback does affect to the recording.

IMPORTANT:
• **It may be unlawful to record or play back copyrighted material without the consent of the copy right owner.**

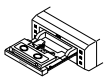
Manual Recording onto a Tape

1 Select one of the recording sources — FM/AM broadcasts, CD, or other external equipment.

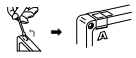
• To record FM/AM broadcasts, receive a station with Tuner unit.
• To record a CD or its tracks programed, set the play-pause mode for CD unit.
• To record from an external equipment connected to ANALOG IN jacks, prepare it as required.

notes **Make sure to select a source first, otherwise you cannot use recording function.**

2 Place a recordable tape with the side you want to record facing up.
Press ≜ (open/close) button on the cassette deck unit to open the tape tray; place a tape on it; and press ≜ (open/close) button again to close it.



• You cannot record onto the tape without a protect tab. When using that tape, cover the hole for desired side with adhesive tape.



3 Press REC PAUSE button on the cassette deck unit.

English

Continued

REC indicator lights red to show the recording pause mode, and "TAPE REC" appears in the display window as follows,

```
FM 87.50MHz
TAPE REC
```
or
```
CD  8 58:34
TAPE REC
```

To change the recording source
You cannot change the selected source during the recording pause mode. To exit from the recording pause mode, press ■ (stop) button on the cassette deck unit.

To make the blank tape
Press AUX button to start recording without connecting nor playing back the external equipment.

4 Press Tape ◄► (playback) button for FM/AM broadcasts or ►/II (play/pause) button on the CD unit to start recording.
Tape direction indicator starts blinking slowly in the display window.

- **To stop recording for a moment,** press REC PAUSE button on the cassette deck unit. Tape direction indicator stops blinking in the display window.
- **To resume recording,** press ◄► (playback) button again. Recording continues from the point where it was stopped for a while.

5 Press ■ (stop) button on the cassette deck unit for FM/AM broadcasts recording, or ■ (stop) button on the CD unit for the CD recording.
Recording stops and REC indicator goes off in the display window.

On CD recording, cassette deck unit will stop after leaving a non-recorded portion of 4 seconds.
If you want to quit recording immediately, press ■ (stop) button on the cassette deck unit.

6 Press ≜ (open/close) button on the cassette deck unit to remove the tape.
- Pressing ≜ (open/close) button directly during recording , the cassette deck unit stops recording and opens the tape tray.

Dolby B NR
Press DOLBY B NR button before recording to reduce frequency response noise.
When the tape is played back later, also press the button with its lamp lit.

Recording in Auto Reverse

1 Select one of the recording sources — FM/AM broadcasts, CD, or other external equipments.

2 Make sure the tape side for recording meets the tape direction indicator ► (forward).

- Each time to press ◄► (playback) button or TAPE ◄► (playback) button on the remote control, you can change the tape direction to be recorded onto.
  ► : Good, records onto the forward side.
  ◄ : No good, records onto the reverse side.

- The recording in the auto reverse mode stops automatically after completing recording onto the ◄ (reverse) direction side.
  Be sure to start recording from the ► (forward) direction side.
- When the auto reverse mode is set to off, recording stops after having recorded onto one side of the tape.

3 Press ⟲ (auto reverse) button on the cassette deck unit to set the reverse mode on.
The auto reverse lamp lights orange on the front panel.

4 Press REC PAUSE button on the cassette deck unit.

5 Repeat the steps 4 to 5 of "Manual Recording onto a Tape" mentioned in the left column.

English

Synchronized Recording from a CD

CD application on UX-G6 system can be recorded with a simple, one-touch operation.

1 Place a recordable tape and a source CD into each tray.
- To record using Dolby B NR, press the DOLBY B NR button before recording so that its lamp near the button lights orange.

2 Press ►/II (play/pause) button on the CD unit, then ■ (stop) button to set the system to CD operation mode.

3 Press REC MODE button behind the sliding panel.
The display window shows information as follows:

```
SYNC REC
  >TAPE
```

4 Press SET button.
Display window shows as follows:

```
SYNC REC
TAPE REC
```
then
```
CD  1 --:--
TAPE REC
```

UX-G6 starts playback on the CD unit as well as recording on the cassette deck unit simultaneously.
You can get an entire copy of the source CD.

To select a particular track or program, use REC PAUSE button on the cassette deck unit. During SYNC REC mode, you cannot operate CD unit except ■ (stop) button.
- **To make recording pause temporarily,** press REC PAUSE button on the cassette deck unit.
- **To resume recording,** press ◄► (playback) button on the cassette deck unit.

Using Program play for CD recording
To edit CD's tracks to be recorded, it is useful to set the desired tracks to be played back into a program in advance.

When CD playback finished, the CD unit first, then the cassette deck stops recording automatically.

Cassette deck unit will stop after leaving a non-recorded portion of 4 seconds.
If you want to quit recording immediately, press ■ (stop) button on the cassette deck unit.

5 Press ≜ (open/close) button on each unit to remove the CD and the tape.

Recording from the External Equipment

You can record audio sources played-back on the external equipment onto a tape manually.
First of all, make sure to connect the external equipment properly (see also page 9).

Recording an external audio source manually

1 Press AUX button to show "AUX" in the display window.
The external audio source is selected.

2 Repeat the steps 2 and 3 on page 22 to prepare a tape to record.
Information appears as follows:

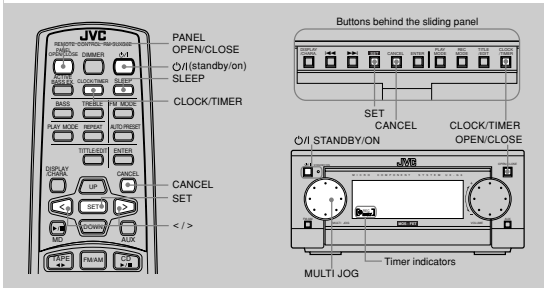
```
    AUX
TAPE REC
```

3 Press ◄► (playback) button on the cassette deck unit or TAPE ◄► (playback) button on the remote control to start recording.
Tape direction indicator starts blinking slowly in the display window.

4 Start playing back the external equipment.
- **To stop recording for a moment,** press REC PAUSE button on the cassette deck unit. Tape direction indicator stops blinking in the display window.
- **To resume recording,** press ◄► (playback) button again.
- **To end the recording,** press ■ (stop) button on the cassette deck unit.
  Recording stops and REC indicator goes off in the display window.

English

Using the Timers



On UX-G6 system, three timer features are available — Recording Timer, Daily Timer, and Sleep Timer.
Before using these timers, you need to set the clock built in the system (see page 10).

Using Recording Timer

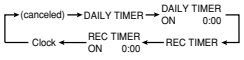
With Recording Timer, you can make a tape of a radio broadcast automatically.
- You can set Recording Timer whether the system is turned on or off.
- To correct a mis-entry any time during the setting process, press CANCEL button.

How Recording Timer actually works

The system automatically turns on, tunes into the specified station, turns off the volume, and starts recording when the timer-on time comes.
Then, when the timer-off time comes, the system automatically turns off (standby).
The timer settings remain stored in memory until you reset them or unplug the AC power cord.

1 Press CLOCK/TIMER button repeatedly until "REC TIMER" and its timer-on time appear in the display window.
You can select the timer-on/off time, a tuner preset channel to record, and recording media.
- If MD recorder XM-G6 (not supplied) connected, you can select MD as recording media (see page 7).

- Each time you press the button, the timer mode changes as follows:



2 Rotate MULTI JOG dial (< / > button on the remote control also available) to select the hour of the timer-on time, then press SET button.

```
REC TIMER
ON    21:30
```

3 Rotate MULTI JOG dial (< / > button on the remote control also available) to select the minute of the timer-on time, then press SET button.

```
REC TIMER
ON    21:30
```

4 Rotate MULTI JOG dial (< / > button on the remote control also available) to select the hour of the timer-off time, then press SET button.

```
REC TIMER
OFF   22:30
```


Continued

English

5 Rotate MULTI JOG dial (< / > button on the remote control also available) to select the minute of the timer-off time, then press SET button.

```
REC TIMER
OFF   22:30
```

6 Rotate MULTI JOG dial (< / > button on the remote control also available) to select either "TUNER FM" or "TUNER AM," then press SET button.

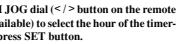
7 Rotate MULTI JOG dial (< / > button on the remote control also available) to select a preset channel, then press SET button.

```
TUNER FM
   P 05
```

"TAPE REC" follows in the display window as selected recording media, unless any MD recorder connected.
- If XM-G6 MD recorder connected, you can select either a tape or an MD as recording media.

8 Press SET button to select recording media, and turn off the system.

After completing the settings...
The REC timer indicator lights and the setting items appear one after another in the display window. Thus the Recording Timer is ready for unattended recording.



After a timer recording is complete...
Set the volume to an appropriate listening level.

If you press a certain button while Recording Timer is operating
Recording will stop.

To use the same Recording Timer settings repeatedly

Once you have set the recording timer, it remains stored in memory until you change it.
To activate the recording timer with the previous settings, follow the procedure below:

1 Press CLOCK/TIMER button repeatedly until "REC TIMER" appears in the display window.

```
REC TIMER
```

2 Press SET button to call the previous settings for next timer recording.
The REC timer indicator lights, and the setting items appear one after another in the display window.
- To erase the recording timer, press CANCEL button in this step.

Using Daily Timer

With Daily Timer, you can wake up on your favorite music or radio program.
- You can set the daily timer whether the system is turned on or off.

How Daily Timer actually works

The system automatically turns on, and starts playing the specified source when the timer-on time comes. Then, when the timer-off time comes, the system automatically turns off (standby).
The timer settings remain stored in memory until you reset them or disconnect the AC power cord.

1 Press CLOCK/TIMER button repeatedly until "DAILY TIMER" and its timer-on time appear.
- Each time you press the button, the timer mode changes as follows:

2 Rotate MULTI JOG dial (< / > button on the remote control also available) to select the hour of the timer-on time, then press SET button.

```
DAILY TIMER
ON    6:15
```

3 Rotate MULTI JOG dial (< / > button on the remote control also available) to select the minute of the timer-on time, then press SET button.

```
DAILY TIMER
ON    6:15
```

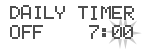
4 Rotate MULTI JOG dial (< / > button on the remote control also available) to select the hour of the timer-off time, then press SET button.

```
DAILY TIMER
OFF   7:00
```

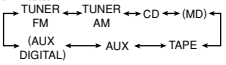
English

Continued

5 **Rotate MULTI JOG dial (< / > button on the remote control also available) to select the minute of the timer-off time, then press SET button.**



6 **Rotate MULTI JOG dial (< / > button on the remote control also available) to select the source, then press SET button.**



TUNER FM: Tunes into a preset FM station. Go to step 7.
TUNER AM: Tunes into a preset AM station. Go to step 7.
CD: Plays a CD. Prepare a CD, then go to step 7.
(MD): Plays a MD, only when XM-G6 MD recorder connected. Then go to step 7.
TAPE: Plays a tape. Prepare a tape, then go to step 8.
AUX*: Selects "AUX" as the source. Make the external equipment ready for playback.
(AUX DIGITAL): Selects an external digital audio equipment as the source if connected.

* To use the external equipment with the Daily Timer, it also has the timer function.

7 **If you have selected FM/AM as the source in the above step, select a preset channel.**
1) Rotate MULTI JOG dial (</>) button on the remote control also available) to select a preset channel.
2) Press SET button.

If you have selected CD as the source in the above step, select a track.
1) Rotate MULTI JOG dial (</>) button on the remote control also available) to select a track.
2) Press SET button.

8 **Rotate MULTI JOG dial (< / > button on the remote control also available) to adjust the volume level, then press SET button.**
• You can adjust the volume within the range of "0" to "50." If you select "– –," the volume is set to the previous level when the unit is turned off.

After completing the settings...
The daily timer indicator lights, and the setting items appear one after another in the display window.
Turns off the unit (standby) if you have set the daily timer with the unit turned on.

If you press a certain button while Daily Timer is operating
The unit will not turn off automatically.

To use the same Daily Timer settings repeatedly
Once you have set Daily Timer, it remains stored in memory until you change it.
To activate the daily timer with the previous settings, follow the procedure below:

1 **Press CLOCK/TIMER button repeatedly until "DAILY TIMER" appears in the display window.**

2 **Press SET button to activate Daily timer.**
The daily timer indicator lights, and the setting items appear one after another in the display window.
• To deactivate the daily timer, press CANCEL button in this step.

English

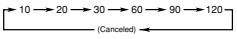
Using Sleep Timer

With Sleep Timer, you can fall asleep to your favorite music or radio program.

How Sleep Timer actually works
The system automatically turns off after the selected time length passes while playing any source.

On the remote control only:

1 **Press SLEEP button on the remote control repeatedly to select the sleep timer.**
• Each time you press the button, the time length changes as follows:



2 **Wait for about 5 seconds after selecting the time length.**
When the sleep timer setting is completed, the display window dims and just shows the remaining time until the shut-off time minute by minute like "SLEEP 30" then "SLEEP 29".

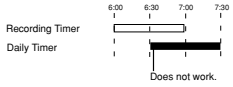
• **To change the shut-off time,** press SLEEP button repeatedly until the desired time length appears.

• **To cancel the setting,** press SLEEP button repeatedly until the sleep timer indication disappears.

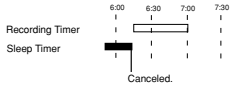
Timer Priority

Since each timer can be set separately, you may wonder what happens if the setting for these timers overlaps. Here are the priorities for each timer.

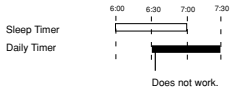
• **Recording Timer has priority over Daily Timer and Sleep Timer.**
If Daily Timer is set to come on while Recording Timer is operating, Daily Timer will not come on at all.



If Recording Timer is set to come on while Sleep Timer is operating, Sleep Timer will be canceled several seconds before Recording Timer comes on.



• **Sleep Timer has priority over Daily Timer.**
If Daily Timer is set to come on while Sleep Timer is operating, Daily Timer will not come on at all.



Therefore, the equation is like this (high > low):

Recording Timer > Sleep Timer > Daily Timer

English

Maintenance and Additional Information

General Notes
In general, you will have the best performance by keeping your CDs, cassette tapes and the mechanism clean.
• Store CDs and cassette tapes in their cases, and keep them in cabinets or on shelves.
• Keep the CD disc tray, and the cassette tapes tray closed when not in use.

Handling CDs

• Only CDs bearing this mark can be used with this system. However, continued use of irregular shape CDs (e.g. heart shape, octagonal) can damage the system.

• Remove the CD from its case by holding it at the edge while pressing the center hole lightly.
• Do not touch the shiny surface of the disc, or bend the CD.
• Put the CD back in its case after use to prevent warping.

• Be careful not to scratch the surface of the CD when placing it back in its case.
• Avoid exposure to direct sunlight, temperature extremes, and moisture.

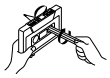
• To clean the CD
Wipe the CD with a soft cloth in a straight line from center to edge.

DO NOT use any solvent — such as conventional record cleaner, spray, thinner, or benzine — to clean the CD.

English

Handling Cassette Tapes

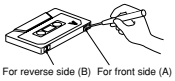
Cautions regarding handling
• Do not touch the surface of the tape or pull the tape out of the cassette.
• Tape spooled loosely around the hubs is likely to jam in the pinch rollers and capstans. Before loading the tape into the cassette tray, take up the slack in the tape as shown below.



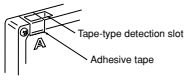
Tape storage
• Place tapes in their cases for storage.
• Avoid storing tapes on top of TVs or speakers, in sunlight or places of high temperature, or in humid or dusty areas.

To prevent accidental erasure
• Cassette tapes have tabs to prevent accidental erasure.
• If you remove the tabs after making a recording, the cassette deck cannot be set to record when that tape is loaded. Remove the tabs so that valuable recordings will not be accidentally erased.

Recording (erasure) is not possible when the tabs are removed.



• To make another recording on a tape whose tabs have been removed, cover the tab holes with adhesive tape.

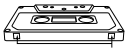


DO NOT cover the tape-type detection slots.

Types of Cassette Tapes

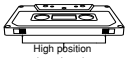
This cassette deck unit incorporates an Automatic Tape Detection function. This mechanism uses the tape-type detection holes to distinguishes which type of tape was inserted, and sets the bias and equalizer to the optimum settings for that tape automatically.
The following types of tapes may be used with this cassette deck unit.

Normal tape
TYPE I
BIAS: NORMAL
EQ: 120µs



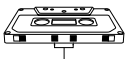
Normal (No detection slots) Tab
(to prevent accidental erasure)

High position (CrO_2) tape
TYPE II
BIAS: HIGH
EQ: 70µs



High position
detection slots

Metal tape (only for playback)
TYPE IV
BIAS: METAL
EQ: 70µs



Metal detection slots

• Certain early period Metal and High position (CrO_2) tapes may not have tape-type detection slots. The cassette deck unit cannot obtain the correct characteristics for these tapes.
• Ferrochromite (FeCr) TYPE III tapes cannot be used with this cassette deck unit.

English

Troubleshooting

If you are having a problem with your system, check this list for a possible solution before calling for service.
If you cannot solve the problem from the hints given here, or the units has been physically damaged, call a qualified person, such as your dealer, for service.

Symptom	Possible Cause	Action
No sound is heard.	• Connections are incorrect, or loose.	• Check all connections and make corrections (see pages 6 – 9).
	• Headphones are connected.	• Disconnect the headphones (see page 12).
	• Volume level is set to "– –".	• Adjust the volume again (see page 12).
Poor radio reception.	• The antenna is not connected correctly.	• Reconnect the antenna securely.
	• The AM loop antenna is too close to the units.	• Change the position and direction of the AM loop antenna.
	• The FM antenna is not properly extended and positioned.	• Extend FM antenna to the best reception position (see page 7).
Unable to record onto a tape.	• You are using a tape without a protect tab.	• Cover the hole with adhesive tape (see page 30).
	• Tape-type detection slots are covered by foreign matters.	• Remove the foreign matters.
The CD skips.	• The CD is dirty or scratched.	• Clean or replace the CD (see page 29).
Unable to operate using the remote control.	• The path between the remote control and the remote sensor on the front panel is blocked.	• Remove the obstruction.
	• The batteries have lost their charge.	• Replace the batteries (see page 6).
Loaded CD and tape cannot be ejected.	• The main AC power cord is not plugged in.	• Plug in the AC power plug.
	• The system is under the recording operations.	• Stop the recording if required (see pages 23).
The CD does not play.	• The CD is upside down.	• Put in the CD with the label side up.
Operations are disabled.	• The built-in microprocessor has malfunctioned due to external electrical interference.	• Unplug the system then plug it back in.

Specifications

Stereo Amplifier AX-UXG6

Output power
48 W (24 W + 24 W) at 6 Ω (Max.)
Load impedance: 6 Ω (6 Ω to 16 Ω allowance)
Audio output level/Impedance (at 1 kHz):
Sub Woofer 800 mV/440 Ω
Power requirement: [A] AC 110 V – 120 V/220 V – 240 V ∿,
[B] AC 115 V/230 V ∿, (adjustable with the voltage selector), 50 Hz/60 Hz
Power consumption: [A] 59 W (at operation)
[B] 54 W (at operation)
2.0 W (on standby: with Dimmer)
Dimensions (approx.): 182 mm x 81 mm x 313 mm (W/H/D)
Mass (approx.): 3.8 kg

Compact Disc/Tuner XT-UXG6

Audio input sensitivity/Impedance (at 1 kHz):
AUX: 400 mV/47 kΩ
[CD section]
Digital output: OPTICAL DIGITAL OUT
Wow and flutter: Immeasurable
[Tuner section]
FM tuning range: 87.50 MHz – 108.00 MHz
AM tuning range: 531 kHz – 1,710 kHz (at 9 kHz channel spacing)
530 kHz – 1,710 kHz (at 10 kHz channel spacing)
Dimensions (approx.): 181 mm x 81 mm x 313 mm (W/H/D)
Mass (approx.): 1.9 kg

Cassette Deck TD-UXG6

Frequency response :
Normal 30 Hz – 15,000 Hz
High position 30 Hz – 16,000 Hz
Wow and flutter: 0.1 % WRMS
Dimensions (approx.): 181 mm x 81 mm x 304 mm (W/H/D)
Mass (approx.): 1.9 kg

Speaker System SP-UXG6

Type: 2-way Bass-Reflex Type
Speaker unit: Woofer 11.5 cm Cone x 1
Tweeter 3.0 cm Balanced Dome x 1
Impedance: 6 Ω
Frequency range: 40 Hz – 20,000 Hz
Sound Pressure Level: 85.5 dB/W•m
Dimensions (approx.): 157 mm x 295 mm x 232 mm (W/H/D)
Mass (approx.): 3.3 kg each

Supplied Accessories

See page 6.

Design and specifications are subject to change without notice.

US and foreign patents licensed from Dolby Laboratories Licensing Corporation.

<< M E M O >>

AX-UXG6

Disassembly method (AX-UXG6)

■Removing the top cover (See Fig.1)

1. Remove the two screws A and the four screws B attaching the top cover.

2. Remove the top cover from behind in the direction of the arrow while pulling the sides outward.

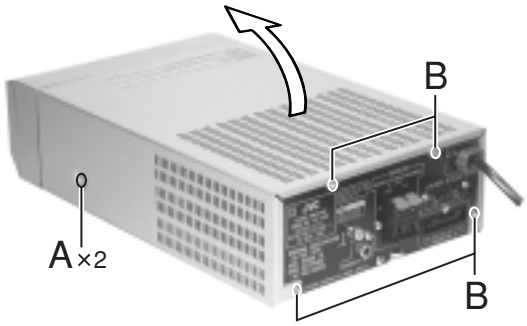


Fig. 1

■Removing the front panel assembly

(See Fig.2 to 5)

1. Pull out the lower part of the front panel assembly manually as shown in Fig.2 and 3.

2. Remove the two screws C with collars attaching the front panel assembly.

3. Remove the front panel assembly downward along the front sub panel rails as shown in Fig.4 and 5.
   ATTENTION: Do not lose the two collars of the part a when removing the front panel assembly.

4. Disconnect the card wire extending from the upper part of the front panel assembly.
   (When reattaching the front panel assembly, fit the parts "a" on both sides of the front panel assembly to the grooves of the front sub panel rails and move the assembly upward along the rails.)

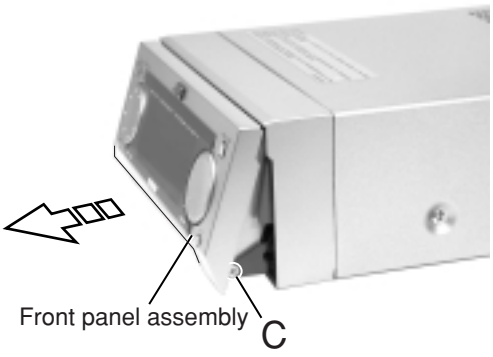


Fig. 2

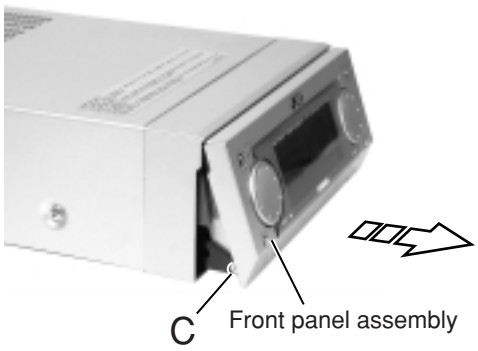


Fig. 3

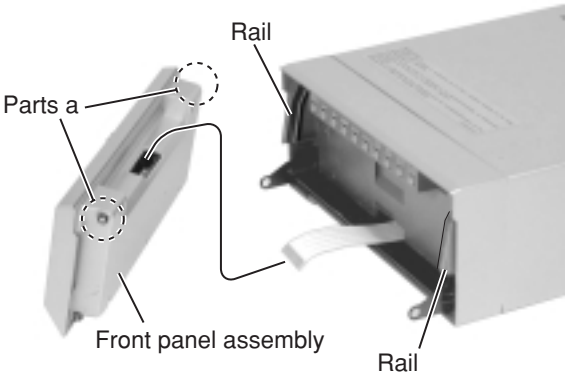


Fig. 5

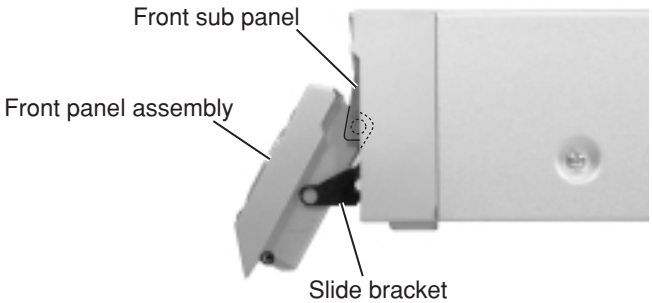


Fig. 4

■Removing the front sub panel assembly

(See Fig.6 to 8)

- Prior to performing the following procedure, remove the top cover and the front panel assembly.

1. Disconnect the card wire from connector CN704 on the back of the front sub panel assembly.
2. Remove the two screws D on the bottom of the body.
3. Release the joint "b" on the bottom and the two joints "c" on both sides of the body, and remove the front sub panel assembly toward the front.

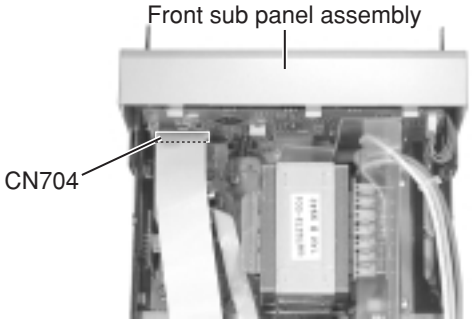


Fig. 6

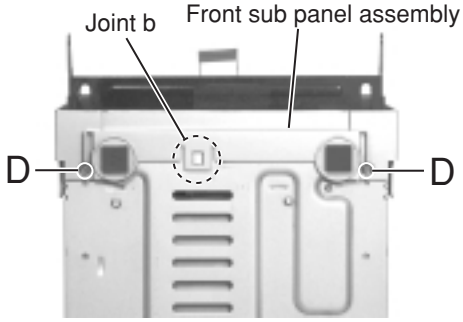


Fig. 7

■Removing the rear panel and the voltage selector (See Fig.9)

- Prior to performing the following procedure, remove the top cover.

1. Remove the cord stopper on the rear panel while moving it in the direction of the arrow.
2. Remove the two screws E attaching the voltage selector on the rear panel.
   (The voltage selector can be removed without removing the rear panel.)
3. Remove the five screws F attaching the rear panel and release the two joints "d" on both sides while moving the rear panel upward.

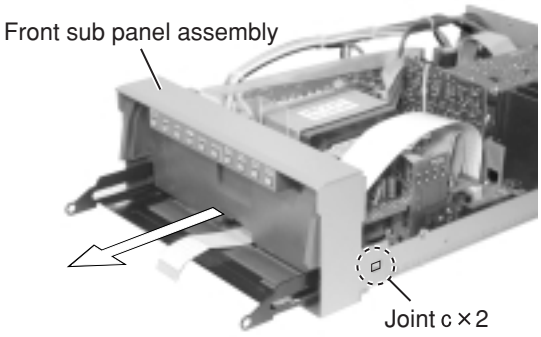


Fig. 8

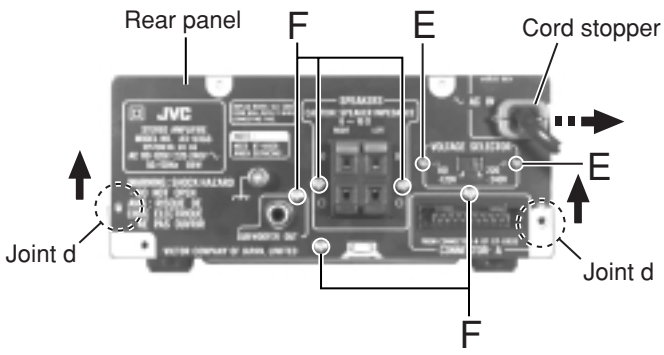


Fig. 9

■Removing the regulator board

(See Fig.10)

- Prior to performing the following procedure, remove the top cover.

1. Disconnect the card wire from connector CN908 on the main board.
2. Disconnect the harness from connector CN906 on the main board.
3. Remove the two screws G attaching the regulator board.

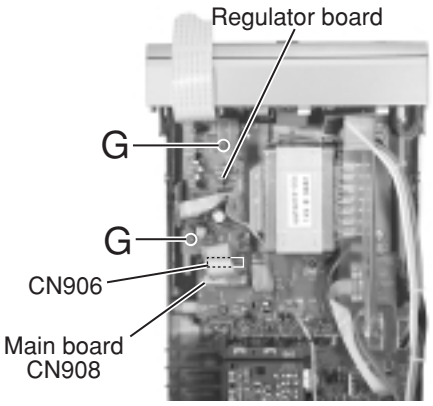


Fig. 10

■Removing the transformer assembly

(See Fig.11)

- Prior to performing the following procedure, remove the top cover.

1. Disconnect the harness from connector CN904, CN905 and CN903 on the main board.
2. Remove the four screws H attaching the transformer assembly.
3. Remove the cord stopper and the voltage selector as shown in Fig.9.

   (If necessary, unsolder the soldered point and cut off the belt fixing the harness.)

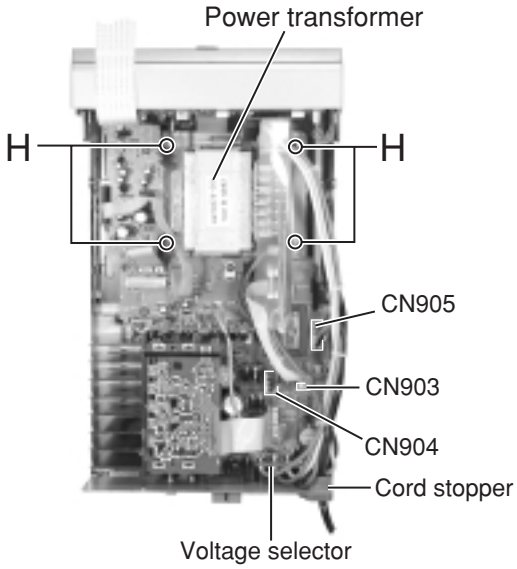


Fig. 11

■Removing the main board and the heat sink

(See Fig.11 to 18)

- Prior to performing the following procedure, remove the top cover and the rear cover.

1. Disconnect the harness or card wire from connector CN903, CN904, CN905, CN906, CN907 and CN908 on the main board.

2. Remove the two screws I attaching the main board and the screw J attaching the heat sink.

3. Remove the screw K attaching the heat sink on the bottom of the body.

   The main board will come off along with the heat sink.

   ATTENTION: When reattaching, make sure that the part "f" micro-switch on the main board is correctly attached to the elbowed slide bracket.

(When removing the heat sink.)

4. Disconnect the harness from connector CN910 on the main board.

5. Remove the screw L and the four screws M attaching the heat sink on the main board.

6. Remove the seven screws N attaching the amplifier board.

(When removing the sub board from the main board.)

7. Disconnect the harness fixed to the part "e" on the main board.

   Disconnect the sub board from connector CN911 on the main board.

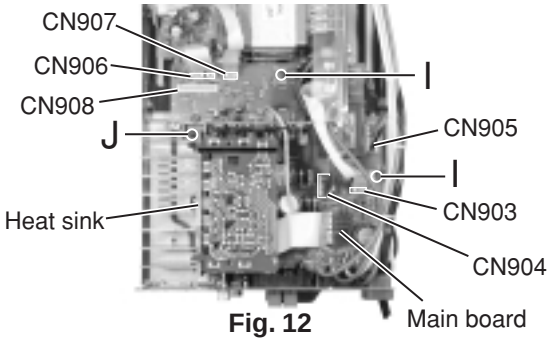


Fig. 12

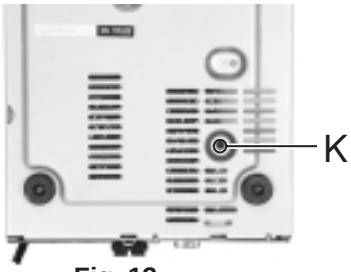


Fig. 13

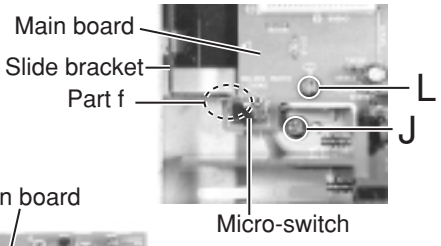


Fig. 14

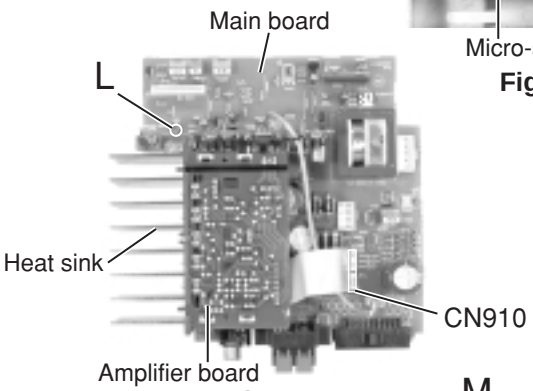


Fig. 15

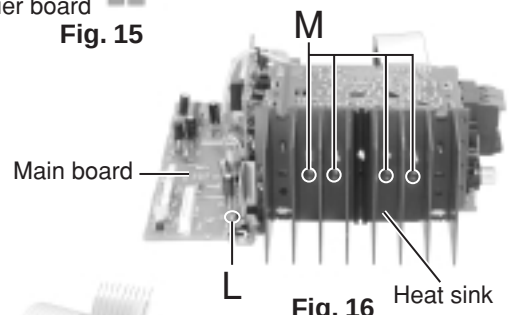


Fig. 16

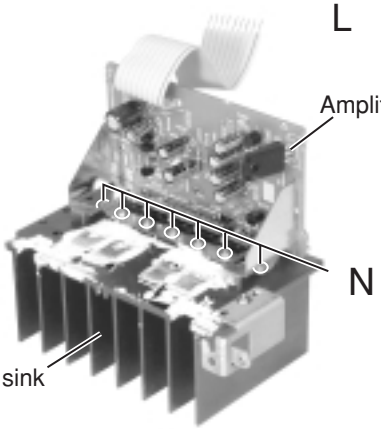


Fig. 17

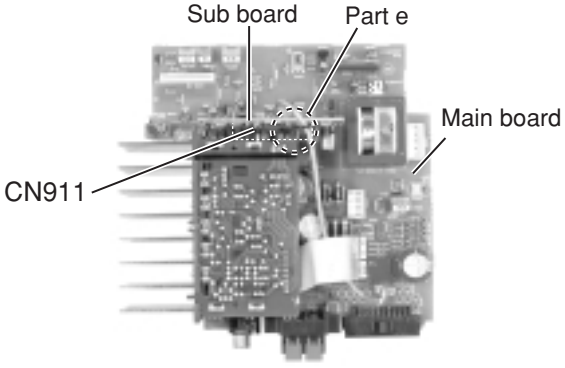


Fig. 18

■Removing the slide gear motor assembly

(See Fig.19 to 21)

- Prior to performing the following procedure, remove the top cover and the regulator board .

1. Disconnect the harness from connector CN907 on the main board.
2. Remove the two screws O attaching the slide gear motor assembly.
3. Remove the belt from the motor pulley.
4. Remove the two screws P and the screw Q attaching the motor assembly.

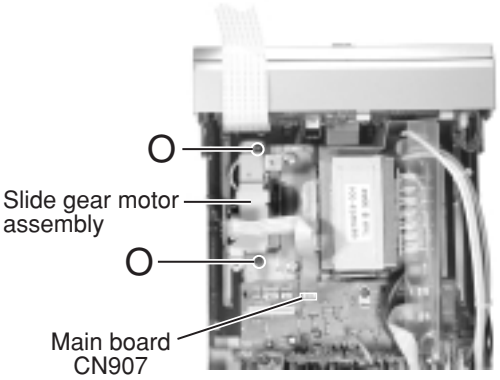


Fig. 19

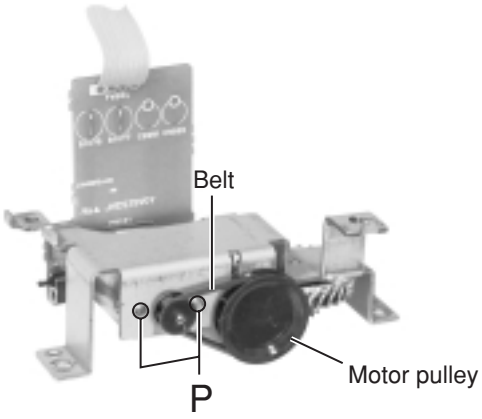


Fig. 20

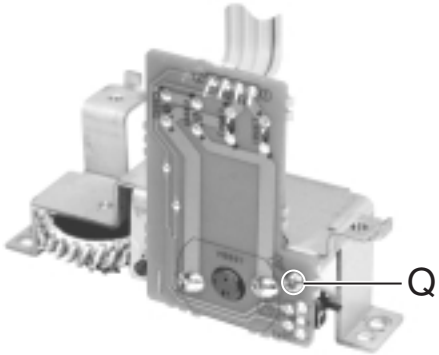


Fig. 21

<Front panel assembly>

■Removing the front board.

(See Fig.22 to 24)

- Prior to performing the following procedure, remove the top cover

and the front panel assembly.

1. Remove the seven screws R attaching the front panel cover on the back of the front panel assembly.

2. Remove the four screws S attaching the front board.

3. The multi-jog dial and the volume dial on the front panel assembly also comes off when removing the front board.

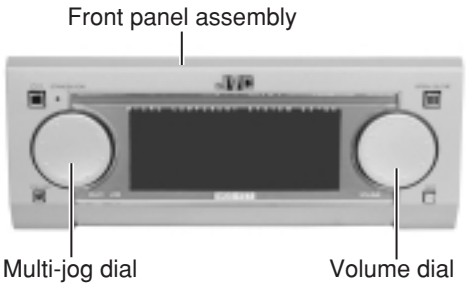


Fig. 22

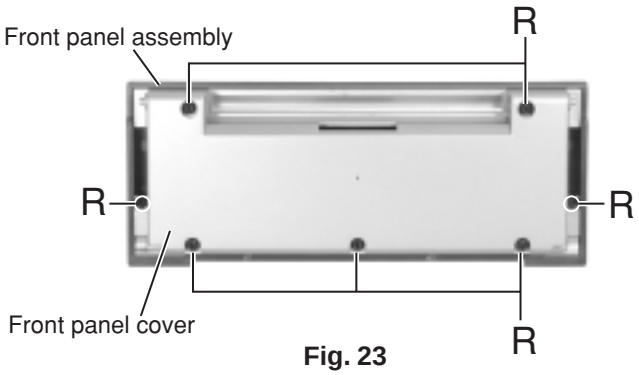


Fig. 23

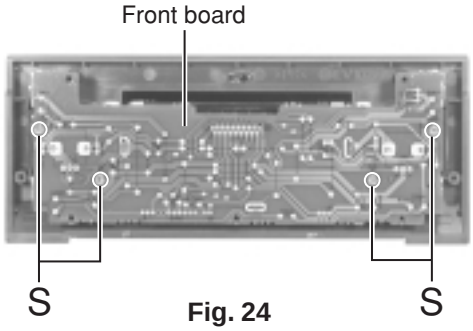


Fig. 24

<Front sub panel assembly>

■Removing the system control board/ operation switch board

(See Fig.25 and 26)

- Prior to performing the following procedure, remove the top cover, the front panel assembly and the front sub panel assembly.

1. Disconnect the harness from connector CN710 on the system control board.

2. Remove the five screws T attaching the system control board.

3. Remove the four screws U attaching the operation switch board.

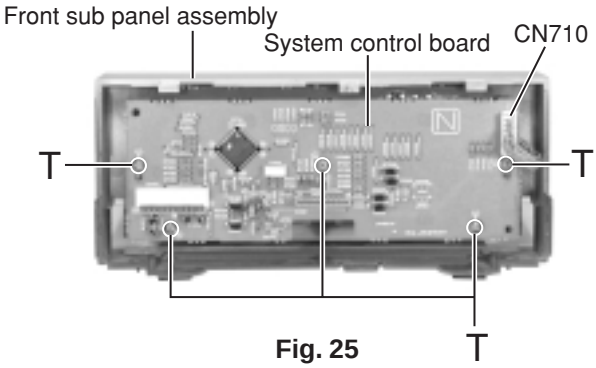


Fig. 25

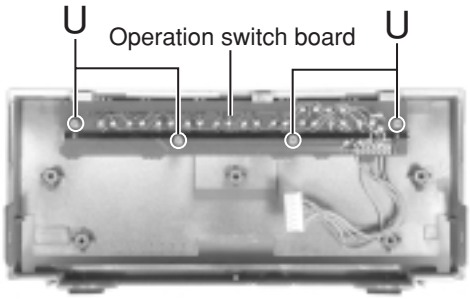
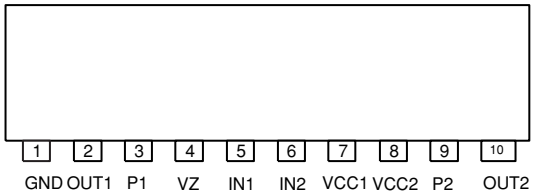


Fig. 26

Description of major ICs

■LB1641 (IC901) : DC Motor driver

1. Pin Layout

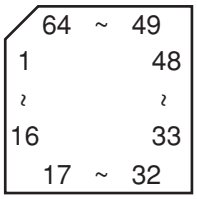


2. Pin Functions

Input		Output		Mode
IN1	IN2	OUT1	OUT2	
0	0	0	0	Brake
1	0	1	0	CLOCKWISE
0	1	0	1	COUNTER-CLOCKWISE
1	1	0	0	Brake

■UPD780023 (IC701) : System control

1.Pin layout



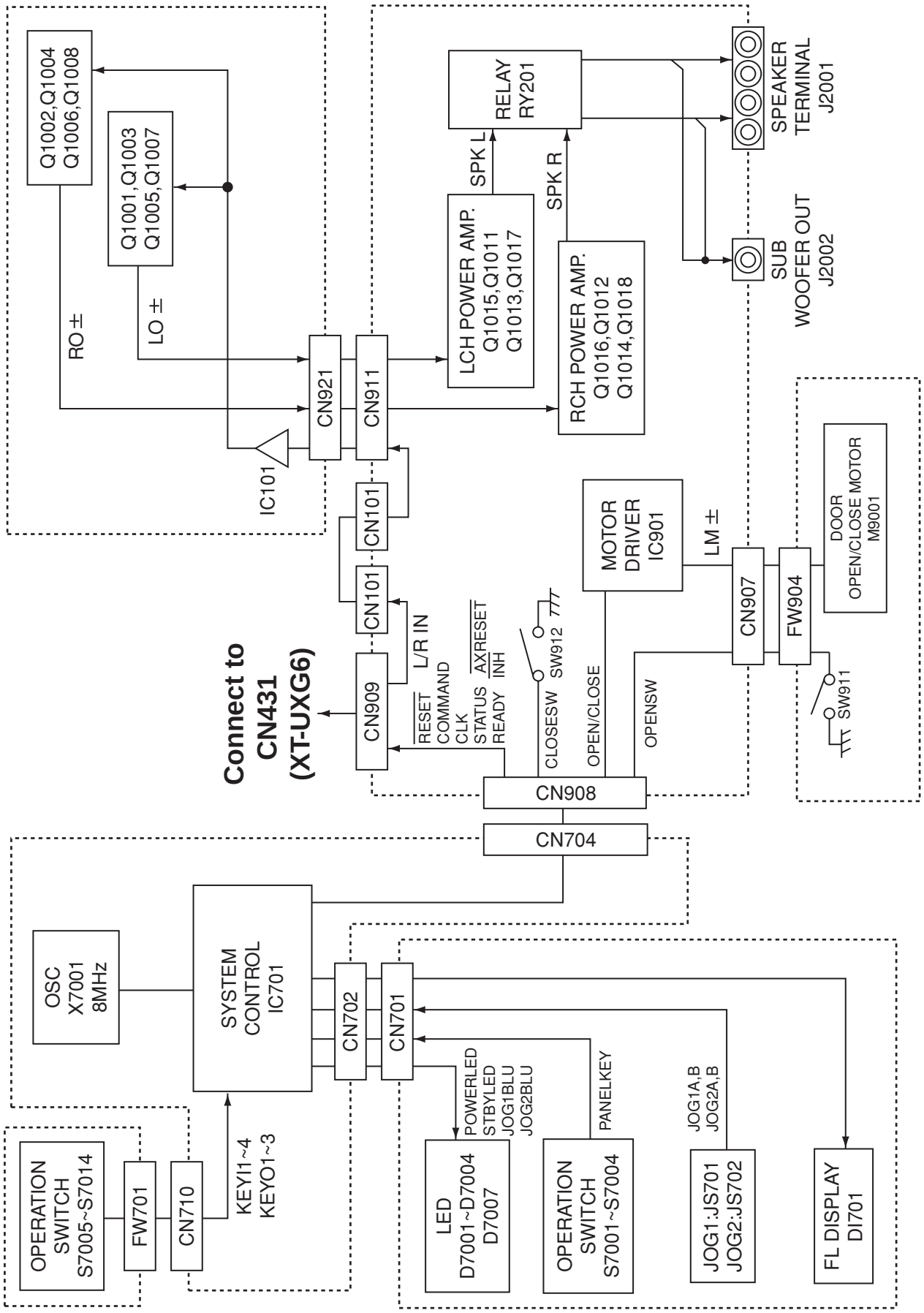
2.Key matrix

	KEYO1	KEYO2	KEYO3
KEYI1	◀◀	CLOCK/TIMER	TITLE/EDIT
KEYI2	▶▶	SET	DISPLAY/CHARA.
KEYI3	PLAYMODE	CANCEL	ENTER
KEYI4	RECMODE	———	———

3.Pin function

Pin No.	Symbol	I/O	Function
1,2	JOG1A,B	I	Rotary encoder input from JOG1(JS701)
3,4	JOG2A,B	I	Rotary encoder input from JOG2(JS702)
5	CLOSE	O	Front panel close control signal output to IC901
6	OPEN	O	Front panel open control signal output to IC901
7	CLOSESW	I	Front panel close switch detection terminal from SW912
8	OPENSW	I	Front panel open switch detection terminal from SW911
9	VSS0	-	Connect to GND
10	VDD0	-	Power supply
11		-	Non connect
12	FLOFF	O	FL OFF output (At Eco mode)
13	FLBK	O	FL driver I/F (valiable by dimmer)
14	FLLAT	O	FL driver I/F (latch)
15		-	Non connect
16	FLSOUT	O	FL driver I/F
17	FLSLK	O	FL driver I/F
18	COMMAND	I	System micom I/F to XT-UXG6
19	STATUS	O	Status signal output (System micom I/F to XT-UXG6)
20	CLK	I	Clock signal input (System micom I/F to XT-UXG6)
21	READY	I	Ready input (System micom I/F to XT-UXG6)
22	P.ON	O	Power ON control output H:Power ON
23	SMUTE	O	System mute
24	VDD1	-	Power supply
25	AVSS	-	Connect to GND
26	PRT	I	Speaker protector
27	DLOCK	I	Panel lock : 95h~00h(200ms)
28~32		-	Connect to GND
33	PANELKEY	I	Key input (S7001~S7004)
34	AVREF	-	Power supply +5V (Standard AD)
35	AVDD	-	Power supply +5V (Connect to Vdd)
36	RESET	I	Reset input
37	XT2	-	Non connect
38	XT1	-	Connect to GND
39	VPP	-	Connect to GND
40,41	X2,X1	I/O	Oscllation terminal (8MHz)
42	VSS1	-	Connect to GND
43~46	KEYI1~4	I	Key matrix input terminal
47~49	KEYO0~3	O	Key matrix output terminal
50~59		-	Connect to GND
60	POWERLED	O	Power ON LED control terminal H:Lighting
61	STBYLED	O	Power OFF LED control terminal H:Lighting
62	LEDDIM	O	LED dimmer control L:It is dark.
63	JOG1BLU	O	LED control for JOG1(JS701) Lighting when power ON, Blinking when operating
64	JOG2BLU	O	LED control for JOG2(JS702) Lighting when power ON, Blinking when operating

Block diagram (AX-UXG6)



XT-UXG6

Disassembly method (XT-UXG6)

■Removing the top cover (See Fig.1)

1. Remove the two screws A and the four screws B attaching the top cover. Remove the top cover in the direction of the arrow while pulling it.

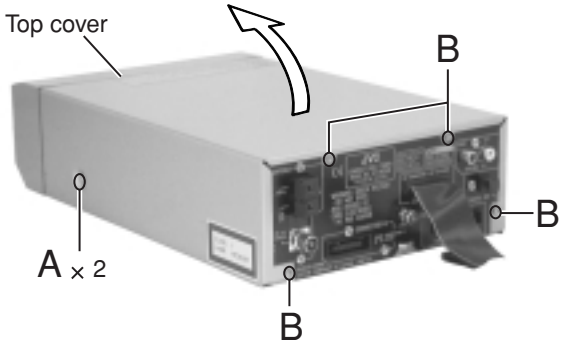


Fig. 1

■Removing the front panel assembly

(See Fig.2 to 4)

- Prior to performing the following procedure, remove the top cover.

1. Cut the tie band fixing the harness on the side of the body. Remove the screw C and the harness on the side of the analog in/digital out board. Disconnect the harness from connector CN451.

2. Disconnect the harness from connector CN501 on the system control board.

3. Remove the three screws D on the bottom of the body.

4. Release the joint "a" on the bottom and the joints "b" on both sides of the body respectively.

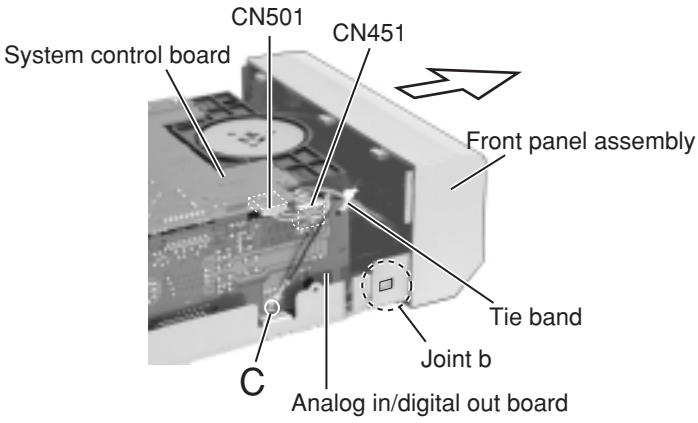


Fig. 2

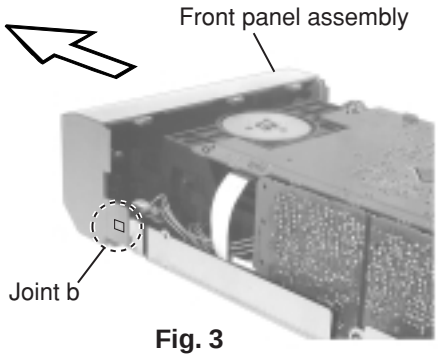


Fig. 3

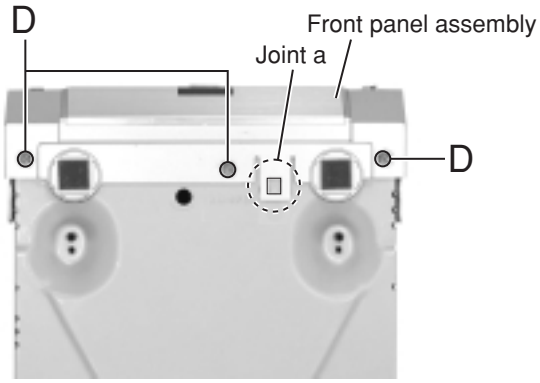


Fig. 4

■Removing the front panel assembly

(See Fig.5 and 6)

- Prior to performing the following procedure, remove the top cover.

1. Remove the seven screws E attaching the rear panel on the back of the body and release the two joints "c" on both sides while moving the rear panel upward.

2. Disconnect the harness from connector CN431 on the main & CD servo board.
   (When disconnecting the harness from the rear panel, unhook the upper and lower four hooks of the wire stopper on the back of the rear panel and pull out the harness outward.)

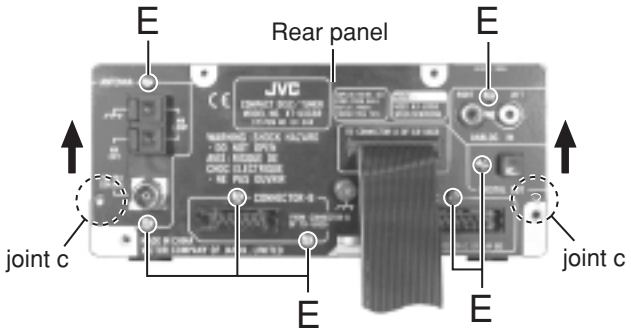


Fig. 5

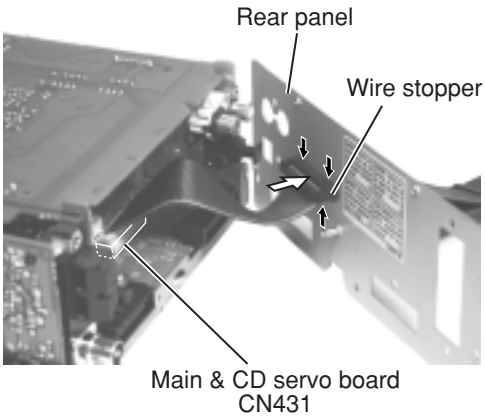


Fig. 6

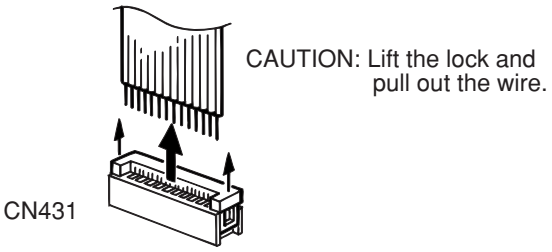


Fig.6-1

■Removing the system control board

(See Fig.7)

- Prior to performing the following procedure, remove the top cover and the rear panel.

1. Disconnect the harness from connector CN501 and CN506 on the system control board respectively.

2. Remove the two screws F attaching the system control board.

3. Disconnect connector CN502, CN503, CN504 and CN507 on the system control board while pulling out them.

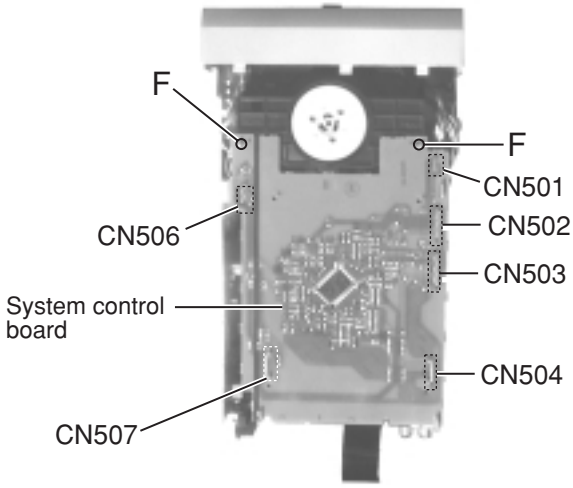


Fig. 7

■Removing the analog in/digital out board and the relay board (See Fig.8 to 10)

- Prior to performing the following procedure, remove the top cover, the rear panel and the system control board.

1. Cut the tie band fixing the harness on the side of the body. Disconnect the harness from connector CN451 on the analog in/digital out board and remove the screw G attaching the analog in/digital out board.

2. Disconnect connector CN455, CN456 and CN457 on the analog in/digital out board from the connector on the main & CD servo board.

3. Disconnect connector CN443 on the relay board from the connector on the main & CD servo board.

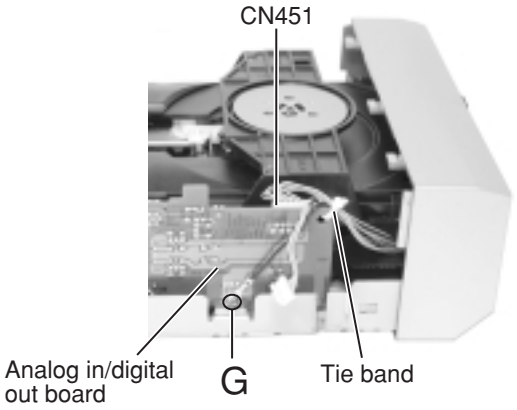


Fig. 8

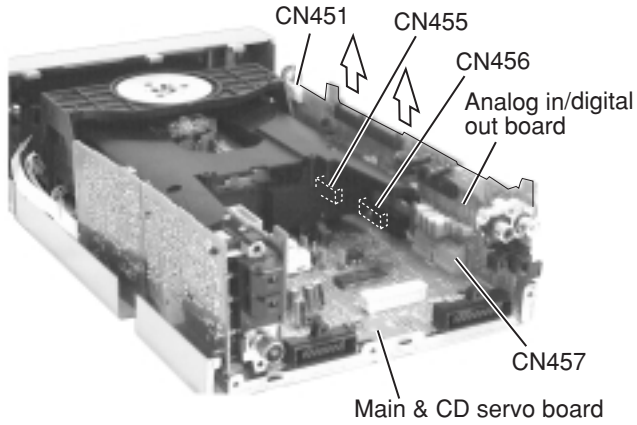


Fig. 9

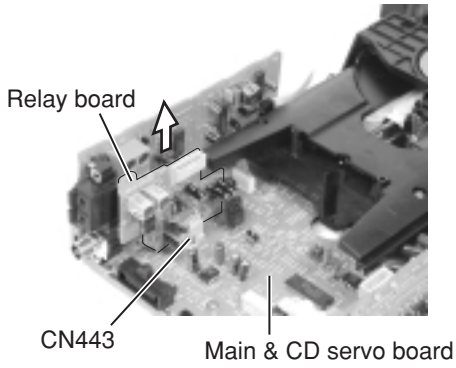


Fig. 10

■Removing the tuner board (See Fig.11)

- Prior to performing the following procedure, remove the top cover and the rear panel.

1. Disconnect CN506 on the system control board.

2. Remove the screw H attaching the tuner board.

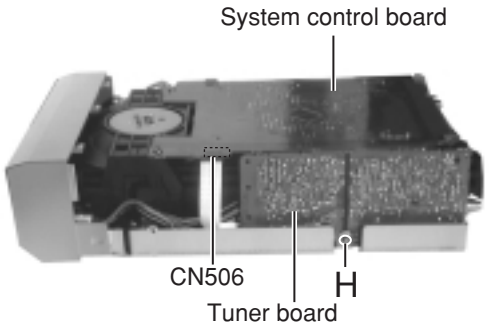


Fig. 11

■Removing the CD mechanism assembly main & CD servo board (See Fig.12 to 14)

- Prior to performing the following procedure, remove the top cover, the front panel assembly, the rear panel, the system control board and the analog in/digital out board.

1. Remove the three screws I attaching the CD mechanism assembly and the screw J attaching the main & CD servo board.(The CD mechanism assembly will be detached together with the main & CD servo board.)

2. Remove the three screws K attaching the main & CD servo board.

3. Disconnect the harness from connector CN440 and CN438 on the main & CD servo board on the back of the CD mechanism assembly.

4. Remove the card wire from connector CN439 on the main & CD servo board.

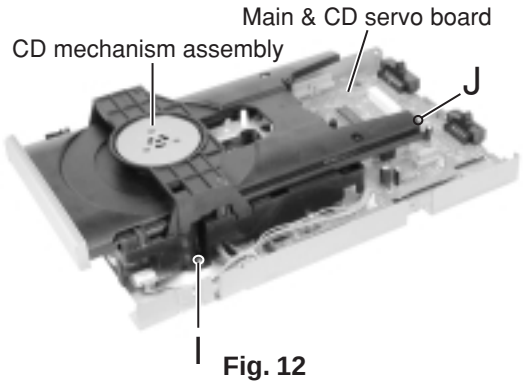


Fig. 12

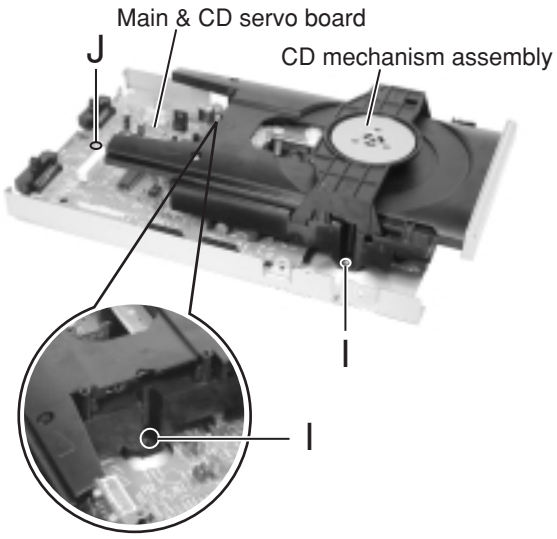


Fig. 13

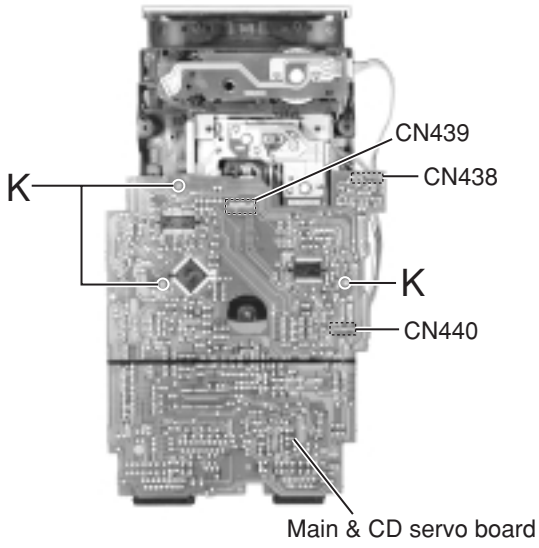


Fig. 14

■Removing the front board (See Fig.15)

- Prior to performing the following procedure, remove the top cover and the front panel assembly.

1. Remove the seven screws L attaching the front board in the front panel assembly.

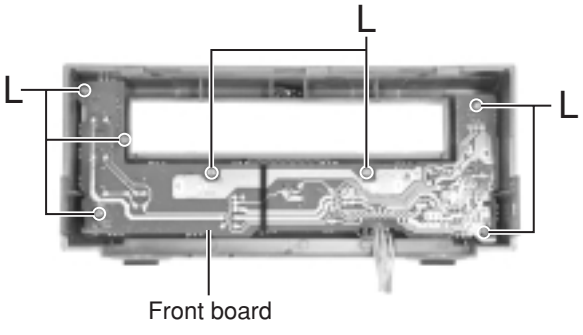


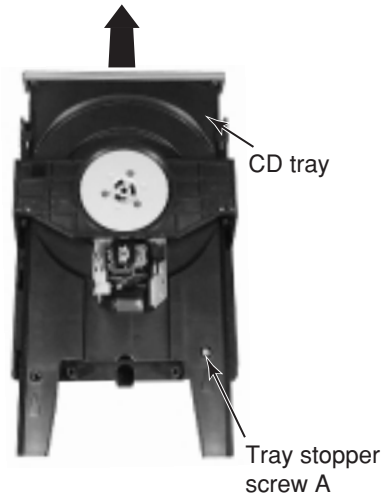
Fig. 15

<< CD Mechanism section >>

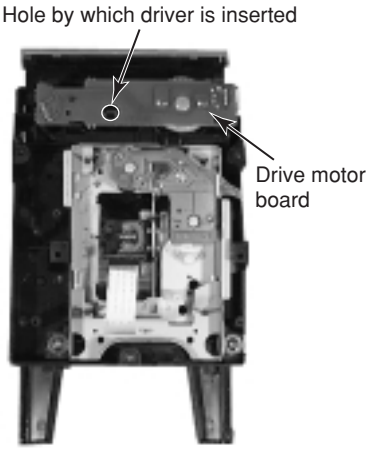
■Removing the traverse mechanism

1. Remove the tray stopper screw "A" on the CD tray

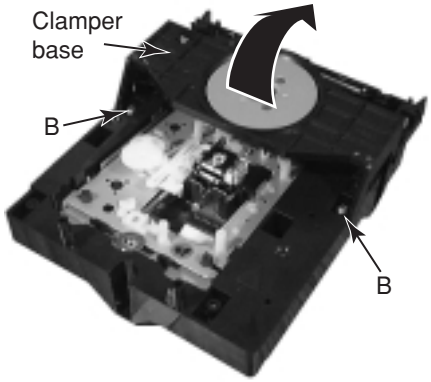
2. The CD tray is drawn out in the direction of the arrow.



* When the mechanism is locked to the CD tray, the lockof the CD tray comes off when the driver etc. are inserted in the hole in the bottom of the mechanism, and turns counterclockwise and the CD tray is drawn out.

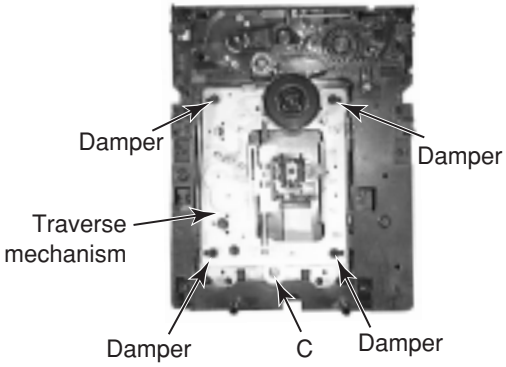


3. Two screws "B" which is the fixation of clamper base is removed, clamper base is lifted, and removes.



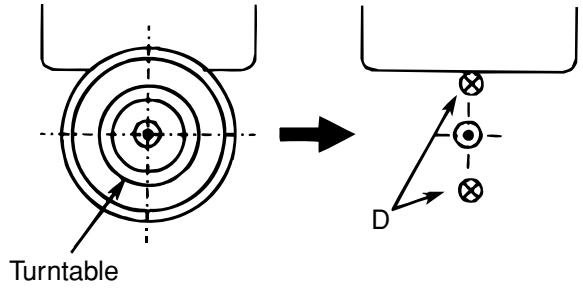
4. One the screw "C" which suppresses the traverse mechanism is removed.

5. The damper in four places is removed.



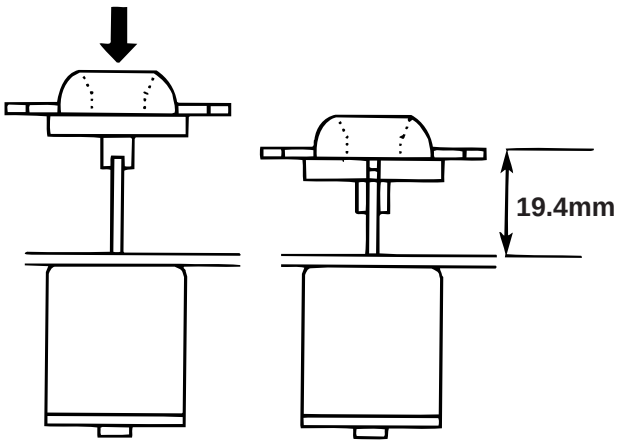
■Removing the spindle motor

1. Remove the traverse mechanism
2. The turntable is removed from the spindle motor, and remove two screws D which is the fixation of the spindle motor.
3. Remove the screw which is the fixation of the spindle motor and the feed motor, and solder on the substrate is removed.



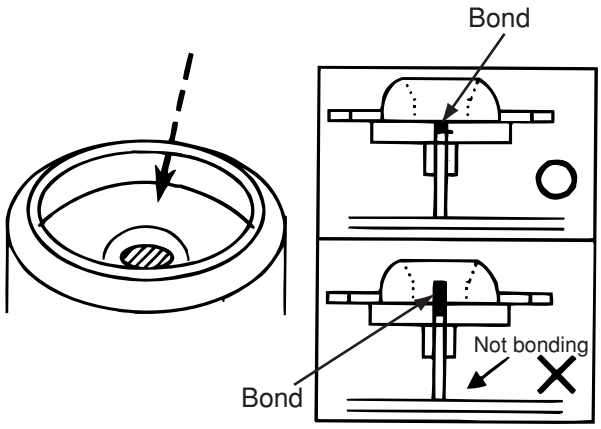
■How to install spindle motor

1. The shaft of the spindle motor is passed from the lower side of the mechanism base.
2. Two screws are installed in the spindle motor by same strength.
3. The motor substrate is fixed with the screw, and the substrate is soldered with each motor.
4. The turntable is installed.
5. When the turntable is installed, the center of the turntable is vertically pushed on, and an accurate turntable is pushed so that height from the mechanism base to the upper surface of the turntable may become 19.4mm.

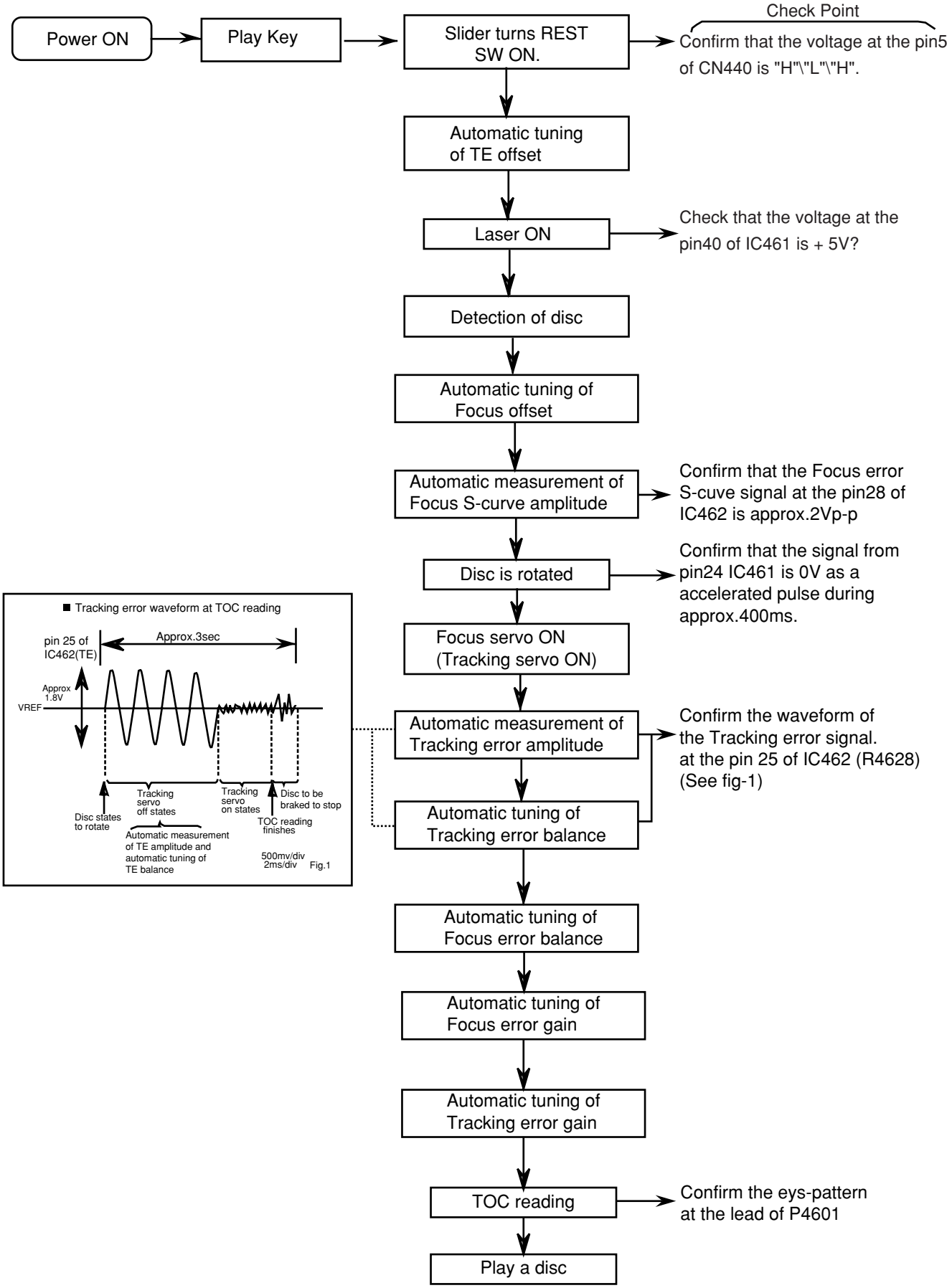


■Method of bonding motor shaft and turn-table

1. The adhesive uses locktite No,460.
2. Be careful please not to rise on the turntable by using an ultra small amount about the adhesive as shown in figure.
3. Moreover, the adhesive must never be put on the axis(arrow part) of the motor.



Flow of functional operation until TOC read

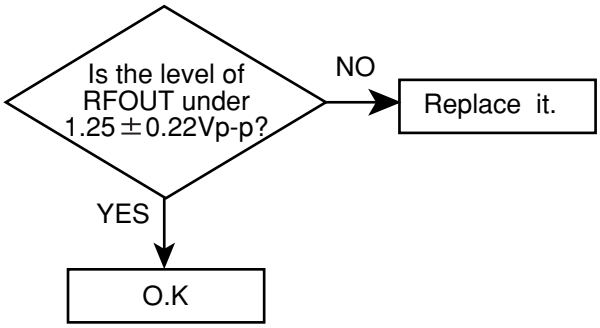


Maintenance of laser pickup

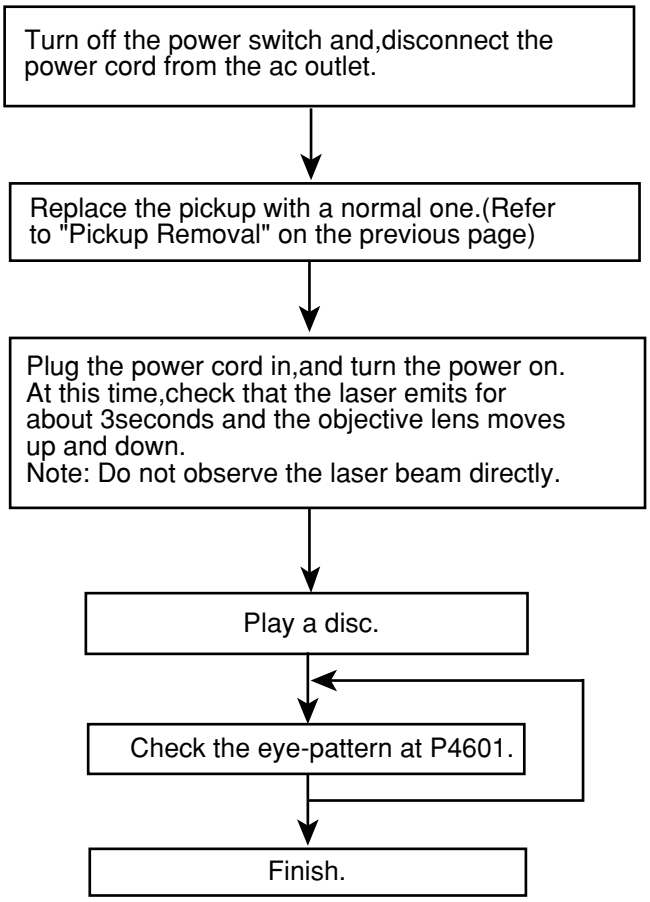
(1) Cleaning the pick up lens
Before you replace the pick up, please try to clean the lens with a alcohol soaked cotton swab.

(2) Life of the laser diode
When the life of the laser diode has expired, the following symptoms will appear.

1. The level of RF output (EFM output:amplitude of eye pattern) will below.



Replacement of laser pickup

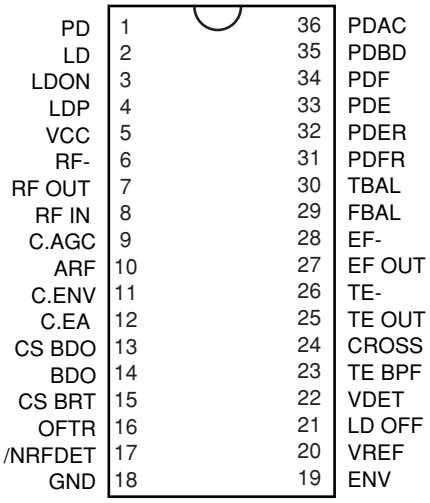


(3) Semi-fixed resistor on the APC PC board The semi-fixed resistor on the APC printed circuit board which is attached to the pickup is used to adjust the laser power.Since this adjustment should be performed to match the characteristics of the whole optical block, do not touch the semi-fixed resistor.
If the laser power is lower than the specified value,the laser diode is almost worn out, and the laser pickup should be replaced.
If the semi-fixed resistor is adjusted while the pickup is functioning normally,the laser pickup may be damaged due to excessive current.

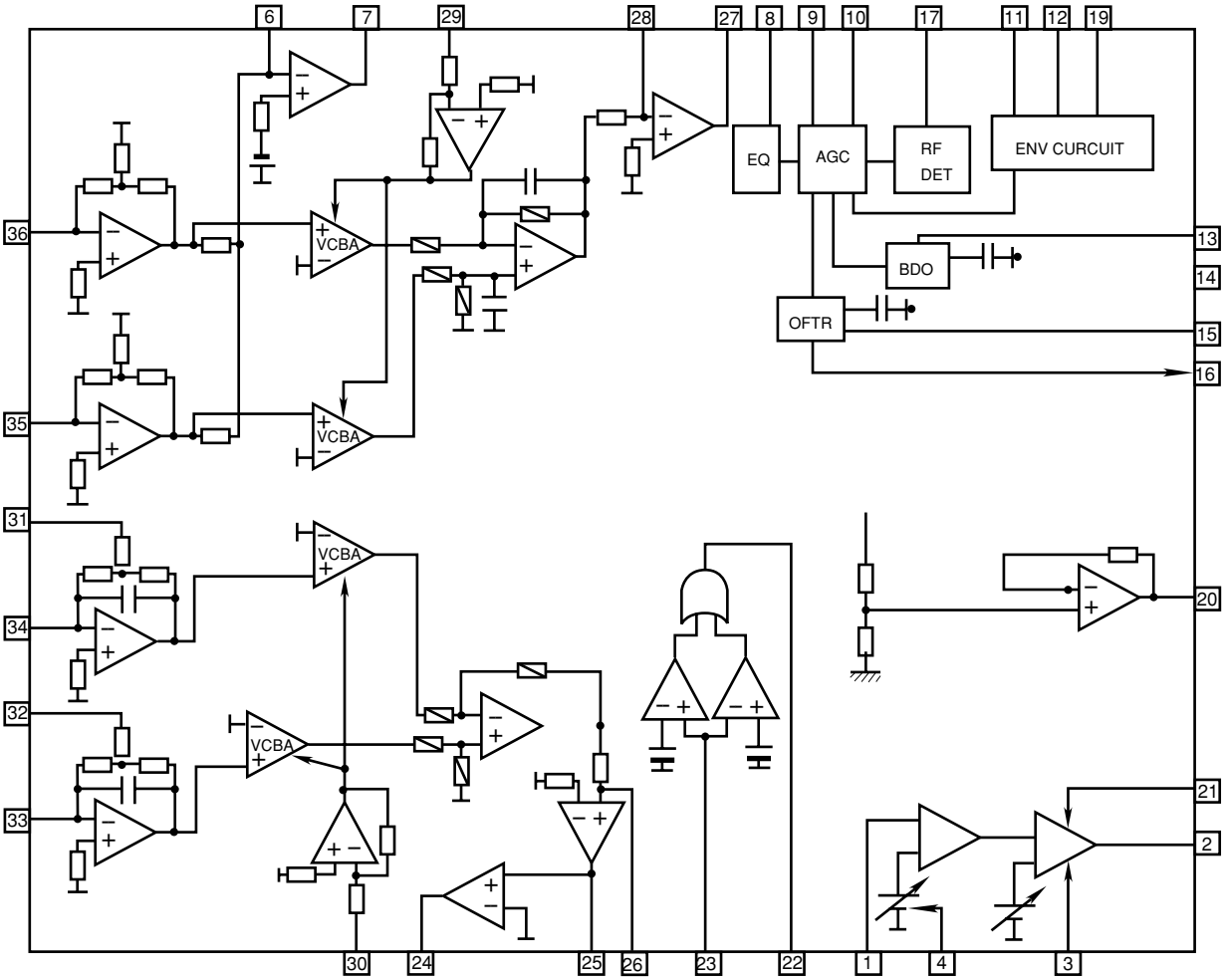
Description of major ICs

■AN8806S (IC462) : RF & Servo AMP

1.Pin layout



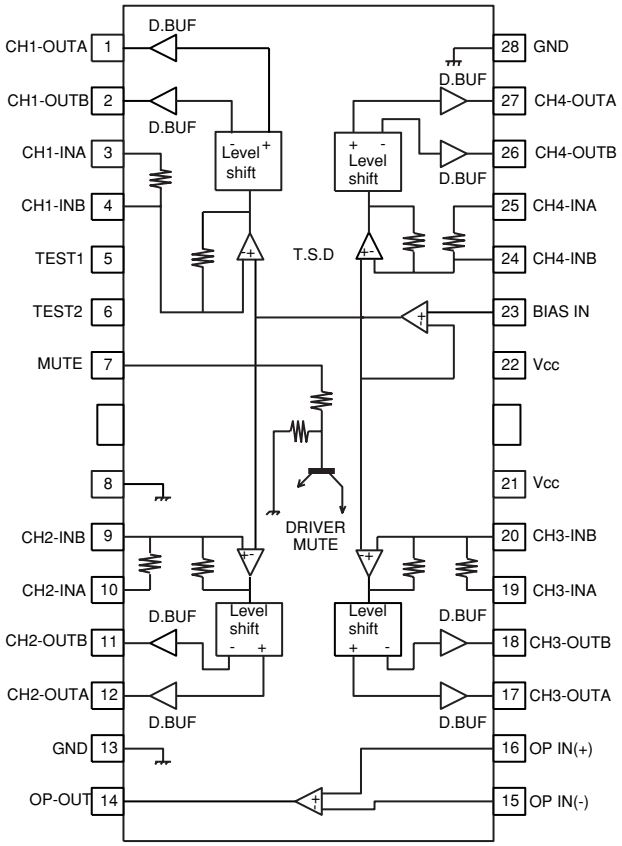
2.Block diagram



3. Pin function

Pin No.	Symbol	I/O	Description
1	PD	I	APC amp input terminal
2	LD	O	APC amp output terminal
3	LD ON	I	APC ON/OFF control terminal
4	LDP	--	Connect to ground
5	VCC	--	Power supply
6	RF-	I	Inverse input pin for RF amp
7	RF OUT	O	RFamp output
8	RF IN	I	RF input
9	C.AGC	I/O	Connecting pin of AGC loop filter
10	ARF	O	RF output
11	C.ENV	I/O	A capacitor is connected to this terminal to detect the envelope of RF signal
12	C.EA	I/O	A capacitor is connected to this terminal to detect the envelope of RF signal
13	CS BDO	I/O	A capacitor is connected to detect the lower envelope of RF signal
14	BDO	O	BDO output pin
15	CS BRT	I/O	A capacitor is connected to detect the lower envelope of RF signal
16	OFTR	O	Of-track status signal output
17	/NRFDET	O	RF detection signal output
18	GND	--	Ground
19	ENV	O	Envelope output
20	VREF	O	Reference voltage output
21	LD OFF	--	Connect to ground
22	VDET	O	Vibration detection signal output
23	TE BPF	I	Input pin of tracking error through BPF
24	CROSS	O	Tracking error cross output
25	TE OUT	O	Tracking error signal output
26	TE-	I	Inverse input pin for tracking error amp
27	FE OUT	O	Output pin of focus error
28	FE-	I	Inverse input pin for focus error amp
29	FBAL	I	Focus balance control
30	TBAL	I	Tracking balance control
31	PDFR	I/O	F I-V amp gain control
32	PDER	I/O	E I-V amp gain control
33	PDF	I	I-V amp input
34	PDE	I	I-V amp input
35	PD BD	I	I-V amp input
36	PD AC	I	I-V amp input

■BA6897FP (IC463) : 4channel driver

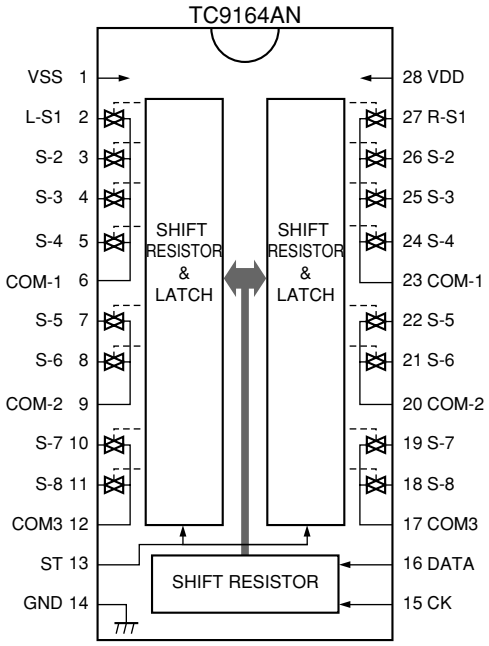


■TC9164AN (IC432) : Analog switch

1.Function

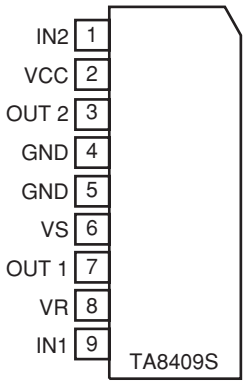
Switch to On/Off of S1 to S8 by control of LSI.

2.Terminal Lay out & Block Diagram



■TA8409S (IC464) : Motor driver

1.Pin layout

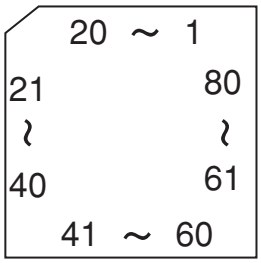


2.Pin function

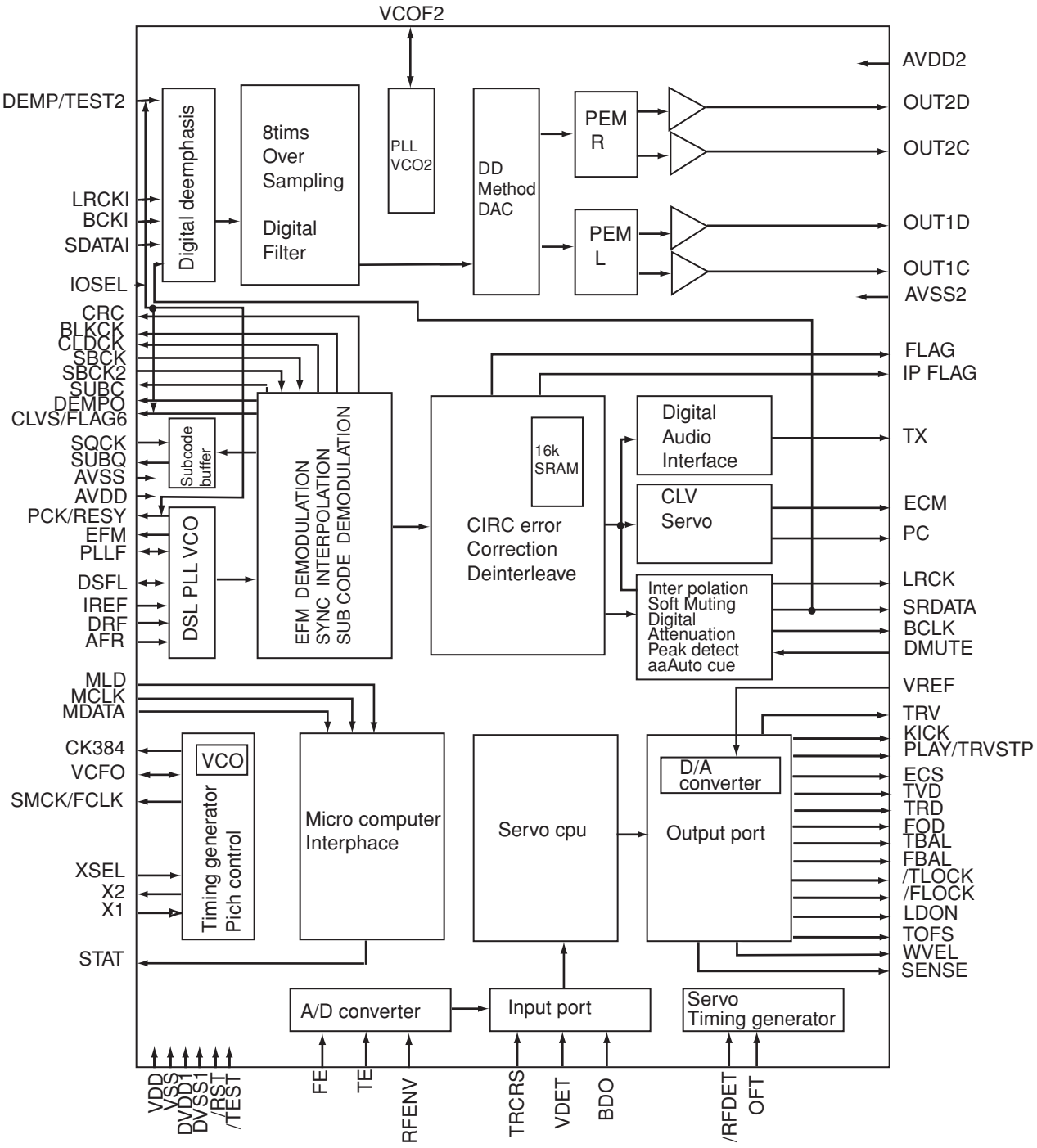
INPUT		OUTPUT		MODE
IN1	IN2	OUT1	OUT2	MOTOR
0	0	∞	∞	STOP
1	0	H	L	CW/CCW
0	1	L	H	CCW/CW
1	1	L	L	BRAKE

■MN35511AL (IC461) : Digital servo & Processor

1.Pin layout



2.Block diagram

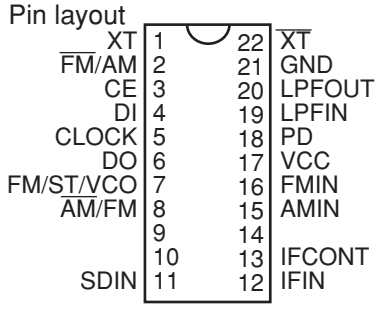


3. Pin function

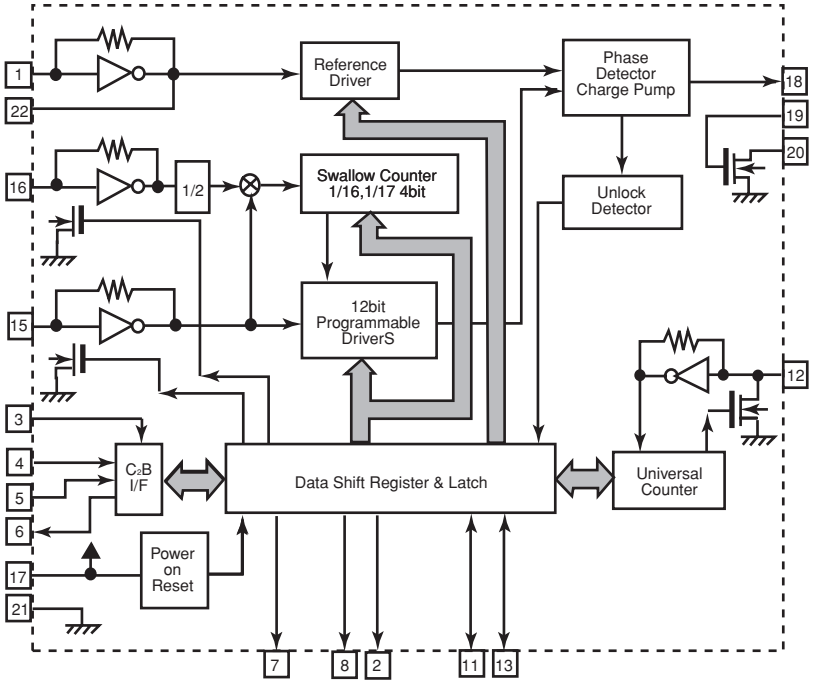
Pin No.	symbol	I/O	Description	Pin No.	symbol	I/O	Description
1	BCLK	O	Bit clock output for SRDATA	41	TOFS	—	Non connect
2	LRCK	O	Identification signal output of Lch and Rch	42	PLAY	—	Non connect
3	SRDATA	O	Serial data output	43	WVEL	—	Non connect
4	DVDD1	—	Power supply (Digital)	44	ARF	I	RF signal input
5	DVSS1	—	Connected to GND	45	IREF	I	Reference current input pin
6	TX	O	Digital audio interface output	46	DRF	I	Bias pin for DSL
7	MCLK	I	μcom command clock signal input (Data is latched at signal's rising point)	47	DSLF	I/O	Loop filter pin for DSL
8	MDATA	I	μcom command data input	48	PLLF	I/O	Loop filter pin for PLL
9	MLD	I	μcom command load signal input	49	VCOF	—	Not used
10	SENSE	-	Non connect	50	AVDD2	—	Power supply(Analog)
11	FLOCK	-	Non connect	51	AVSS2	—	Connected to GND(Analog)
12	TLOCK	-	Non connect	52	EFM	—	Non connect
13	BLKCK	-	Non connect	53	PCK	—	Non connect
14	SQCK	I	Outside clock for sub-code Q resister input	54	FLAG	—	Non connect
15	SUBQ	O	Sub-code Q -code output	55	CRC	—	Non connect
16	DMUTE	—	Connected to GND	56	XSEL	I	Clock input for subcode/serial output
17	STATUS	O	Status signal (CRC,CUE,CLVS,TTSTOP,ECLV,SQOK)	57	VSS	—	Connected to GND(for X'tal oscillation circuit)
18	RST	I	Reset signal input (L:Reset)	58	XI	I	Input of 16.9344MHz X'tal oscillation circuit
19	SMCK	—	Non connect	59	X2	O	Output of X'tal oscillation circuit
20	PMCK	—	Non connect	60	VDD	—	Power supply(for X'tal cscillation circuit)
21	TRV	O	Traverse enforced output	61	VCOF2	O	PLL loop filter terminal for jitter absorption
22	TVD	O	Traverse drive output	62	AVSS1	O	Ground terminal for audio DAC
23	PC	—	Non connect	63	OUT1C	O	PEM output terminal 1C
24	ECM	O	Spindle motor drive signal (Enforced mode output) 3-State	64	OUT1D	O	PEM output terminal 1D
25	ECS	O	Spindle motor drive signal (Servo error signal output)	65	OUT2D	O	PEM output terminal 2D
26	KICK	O	Kick pulse output	66	OUT2C	O	PEM output terminal 2C
27	TRD	O	Tracking drive output	67	AVDD1	O	Power supply for audio DAC
28	FOD	O	Focus drive output	68	DEMPO	-	Non connect
29	VREF	I	Reference voltage input pin for D/A output block (TVD,FOD,FBA,TBAL)	69	CK384	O	384fs clock output
30	FBAL	O	Focus Balance adjust signal output	70	IOSEL	I	Mode switch terminal
31	TBAL	O	Tracking Balance adjust signal output	71	TEST	I	Test mode setting terminal
32	FE	I	Focus error signal input(Analog input)	72	SBCK2	I	Sub code/data reading clock input
33	TE	I	Tracking error signal input(Analog input)	73	SUBC	O	Sub code/serial output
34	RF ENV	I	RF envelope signal input(Analog input)	74	SBCK	I	Clock input for sub code/serial output
35	VDET	I	Vibration detect signal input(H:detect)	75	CLDCK	O	Sub code /frame clock signal output terminal
36	OFT	I	Off track signal input(H:off track)	76	IPFLAG	I	Interpolation flag signal output H:Interpolation
37	TRCRS	I	Track cross signal input	77	DEMPI	I	IOSEL:L The outside DEMPO input terminal
38	RFDET	I	RF detect signal input(L:detect)	78	SDATI	I	SRDATA input terminal
39	BDO	I	BDO input pin(L:detect)	79	LRCKI	I	When IOSEL is "L", LRCK input H:Lch data L:Rch data
40	LDON	O	Laser ON signal output(H:on)				
				80	BCKI	I	When IOSEL is "L", BCK input

■LC72136N (IC2) : PLL frequency synthesizer

1. Pin layout



2. Block diagram

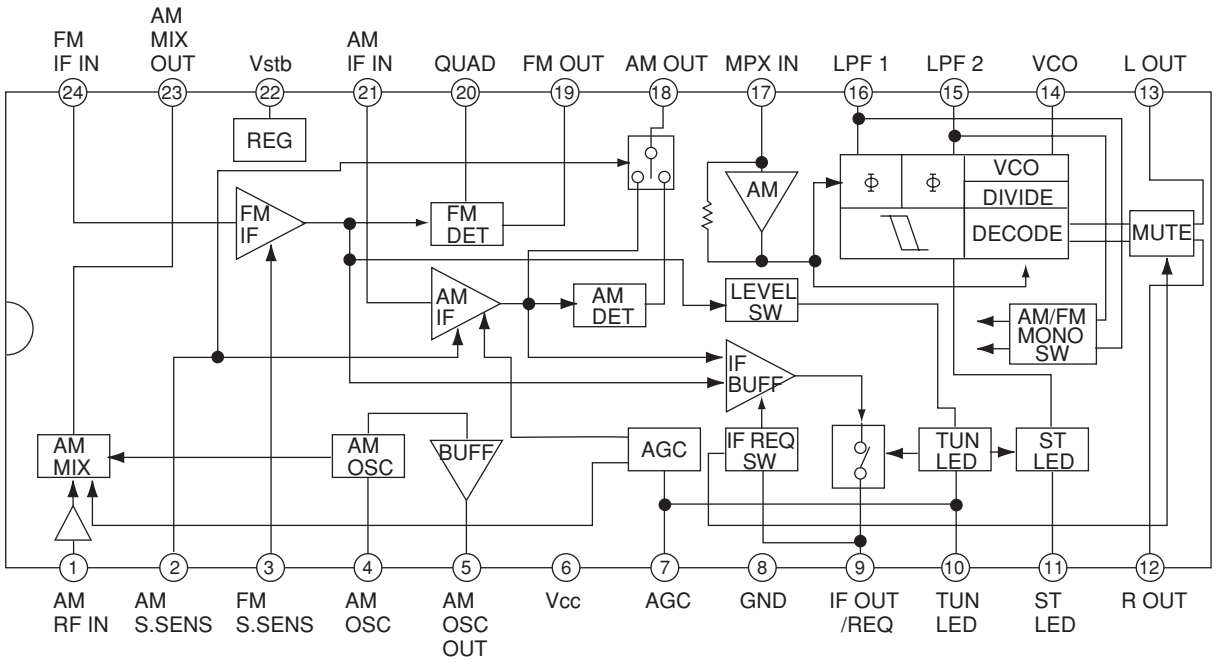


3. Pin function

Pin No.	Symbol	I/O	Function	Pin No.	Symbol	I/O	Function
1	XT	I	X'tal oscillator connect (75kHz)	12	IFIN	I	IF counter signal input
2	$\overline{FM}$/AM	O	LOW:FM mode	13	IFCONT	O	IF signal output
3	CE	I	When data output/input for 4pin(input) and 6pin(output): H	14		-	Not use
4	DI	I	Input for receive the serial data from controller	15	AMIN	I	AM Local OSC signal output
5	CLOCK	I	Sync signal input use	16	FMIN	I	FM Local OSC signal input
6	DO	O	Data output for Controller Output port	17	VCC	-	Power suplly(VDD=4.5-5.5V) When power ON:Reset circuit move
7	FM/ST/VCO	O	"Low": MW mode	18	PD	O	PLL charge pump output(H: Local OSC frequency Height than Reference frequency. L: Low Agreement: Height impedance)
8	$\overline{AM}$/FM	O	Open state after the power on reset	19	LPFIN	I	Input for active lowpassfilter of PLL
9	LW	I/O	Input/output port	20	LPFOUT	O	Output for active lowpassfilter of PLL
10	MW	I/O	Input/output port	21	GND	-	Connected to GND
11	SDIN	I/O	Data input/output	22	$\overline{XT}$	I	X'tal oscillator(75KHz)

■TA2057N (IC1) : FM/AMP IF AMP & Detector

1.Block Diagrams

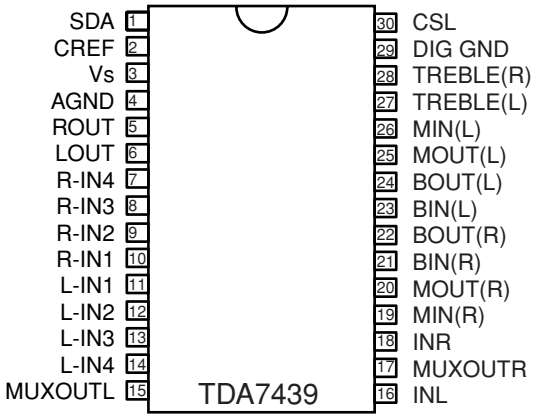


2.Pin Function

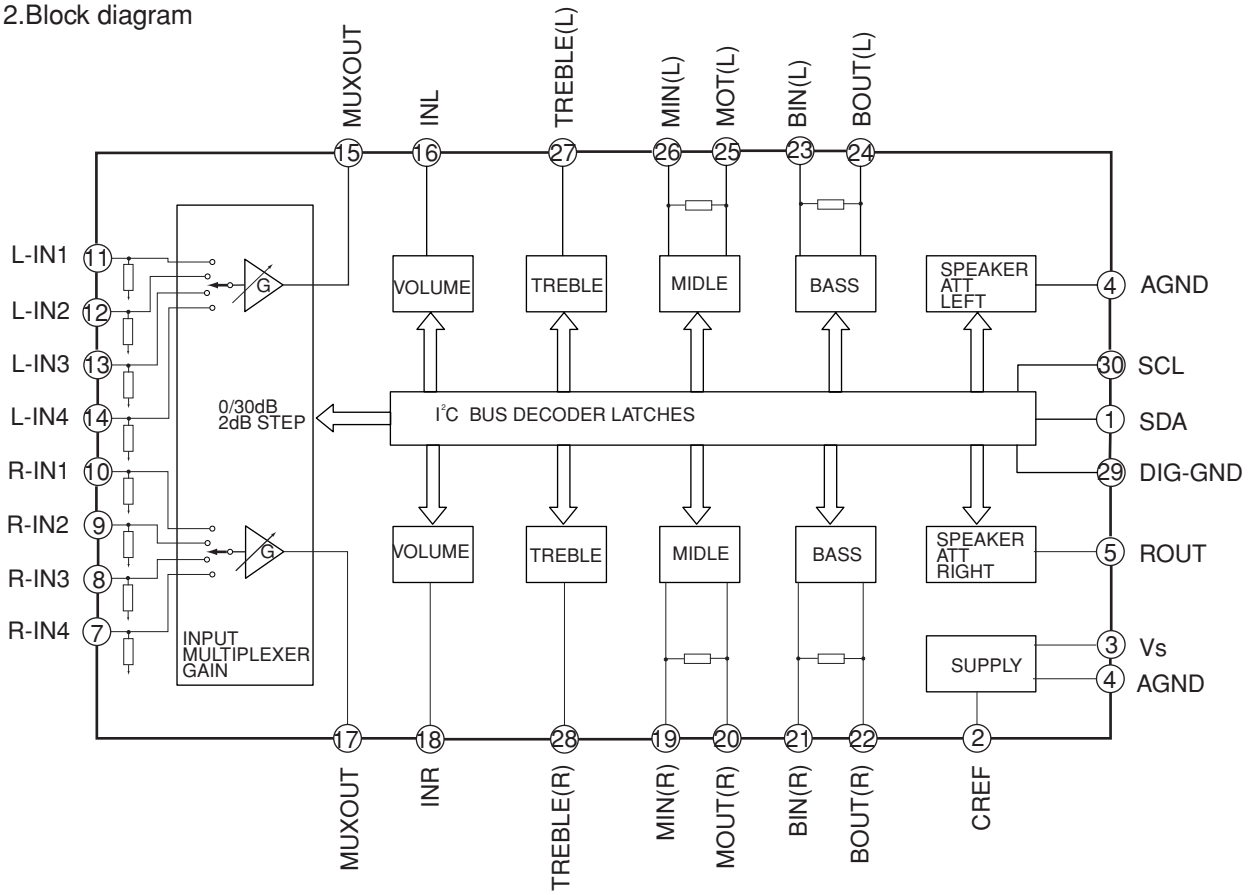
Pin No.	I/O	Symbol	Function	Pin No.	I/O	Symbol	Function
1	I	AM RF	AMRF signal input	13	O	Lch OUT	Output Lch
2		AM S.SENS		14	O	VCO	Voltage controlled terminal
3		FM S.SENS		15	O	LPF2	When voltage of terminal is MONO
4	-	AM OSC	AM local oscillation circuit				at "H" and ST at "L"
5	O	AM OSC OUT	AM local oscillation signal output	16	O	LPF1	When voltage of terminal is AM at
6	-	VCC	Power supply				"H" and FM at "L"
7	I	AGC	AGC voltage input terminal	17	I	MPX IN	Multi plex signal input
8	-	GND	Connect to GND	18	O	AM OUT	AM detection signal output
9	O	IF OUT	IF REQ signal output to IC2	19	O	FM OUT	FM detection signal output
10	O	TU IND	Indicator drive output when tuning	20	I	FM QUAD	Bypass to FMIF
11	O	ST IND	Stereo indicator output	21	I	AM IF IN	Input of AMIF signal
			"H"mono . "L"stereo	22	-	Vst	Fixed voltage output terminal
12	O	Rch OUT	Output Rch	23	O	AM MIX OUT	Output terminal for AM mixer
				24	I	FM IF IN	Input of FMIF signal

■TA7439 (IC435) : Rear/center volume

1.Pin layout

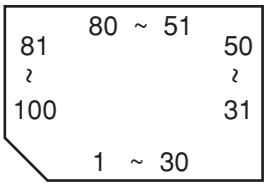


2.Block diagram



■UPD784214AFG501 (IC501) : Sysem controller

1.Pin layout

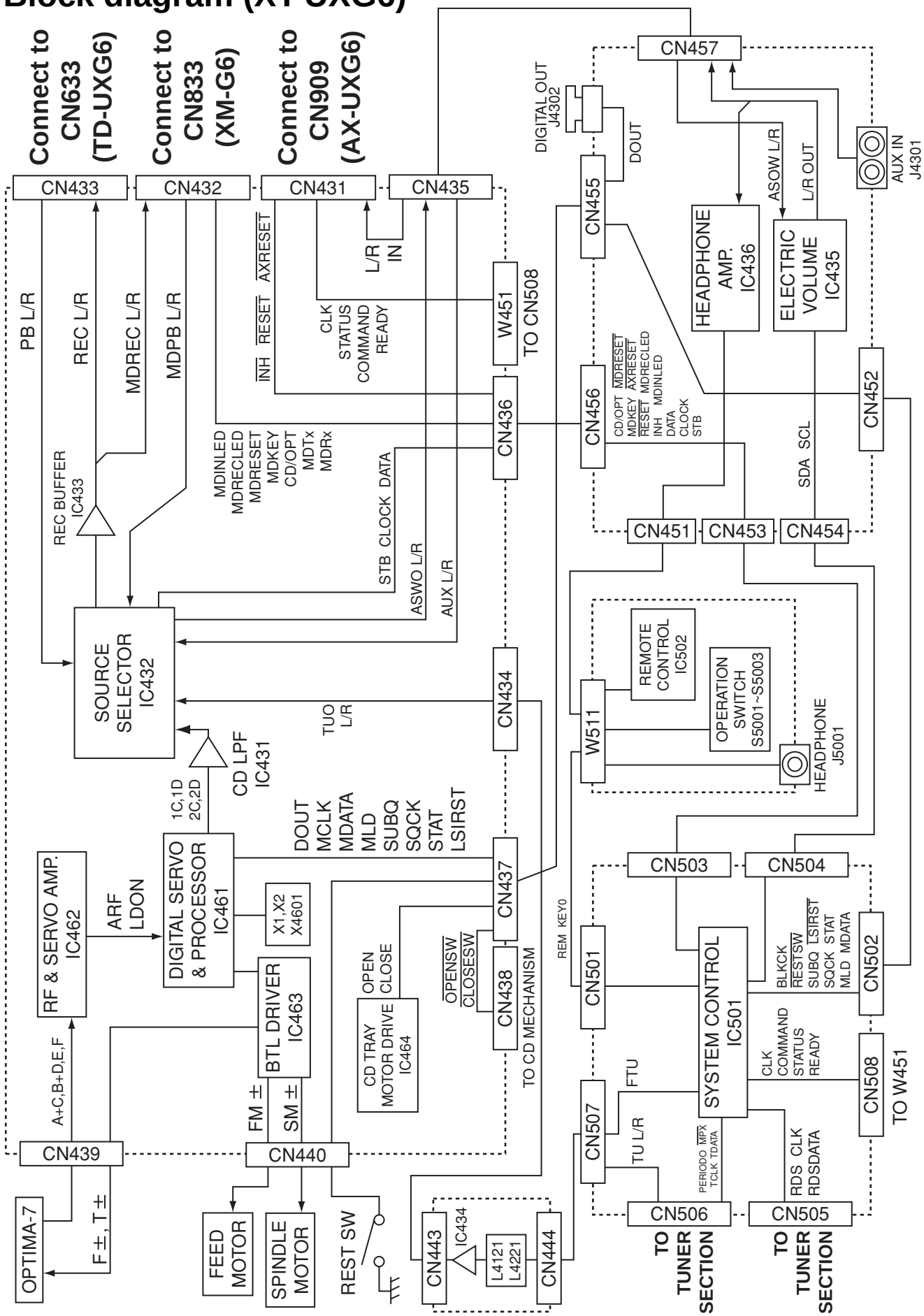


2. Pin function

Pin No.	Symbol	I/O	Description
1	PERIODO	O	Tuner PLL control output
2	MPX	I	Stereo indicator signal input
3	TCLOCK	O	Tuner PLL control output
4	TDATA	I/O	Tuner PLL control
5	NC	-	Non connect
6	RDS DATA	I	RDS Data input
7,8	NC	-	Non connect
9	VDD	-	Power supply terminal
10	fout	O	fx/n Output
11	BAND0	I	0 E / 1 J / 0 U / 1UX / 0UR / 1EE / 0 A / 1 U 0 / 0 / 1 / 1 / 0 / 0 / 1 / 1 0 / 0 / 0 / 0 / 1 / 1 / 1 / 1
12	BAND1		
13	BAND2		
14	SDA	O	Electric volume control data output
15	SCL	I/O	Electric volume control (clock)
16	NC	-	Non connect
17	DATA	I	Data input from source selector
18	CLOCK	I	Clock input from source selector
19	STB	I	Strobe input from source selector
20,21	NC	-	Non connect
22	TEST/VDD	-	Connect to GND
23	TEST1	-	Connect to GND
24,26	NC	-	Non connect
27	DCSIN	I	DCS Signal input from TAPE
28	DCSOUT	O	DCS Signal output to TAPE
29	NC	-	Non connect
30	INH	I	Power failure detect
31	TEST2	-	Connect to GND
32~36	NC	-	Non connect
37	VDD	-	Power supply
38,39	X2,X1	I/O	Oscillation terminal (10MHz)
40	Vss	-	Connect to GND
41	XT2	-	Non connect
42	XT1	I	Sub clock
43	RESET	I	Reset input
44	REM	I	Remote control signal input
45	RDSCLK	I	RDS Clock input
46	BLKCK	I	CD Q-code block clock input
47~50	NC	-	Non connect
51	AVDD	-	Power supply
52	AVREF0	-	Power supply
53	MD KEY	I	Key control signal input from MD
54	KEY0	I	Key control signal input from CD
55,56	NC	-	Non connect
57	NC	-	Connect to GND
58	SAFETY0	I	When power is ON (INH)=detection "H"
59	SAFETY1	-	Non connect
60	NC	-	Connect to GND

Pin No.	Symbol	I/O	Description
61	AVSS	-	Connect to GND
62	CD/OPT	O	Digital input selector
63	MDRESET	O	MD Reset signal output
64	AVREF	-	Power supply
65	MD Rx	I	MD Unit I/F input
66	MD Tx	O	MD Unit I/F output
67	NC	-	Non connect
68	SUBQ	I	CD Q-code input
69	NC	-	Non connect
70	SQCK	O	CD Q-code clock output
71	AXRESET	O	Reset signal output to AX-UXG6
72	READY	O	Micom I/F output to IC701 (AX-UXG6)
73	STATUS	I	Micom I/F input to IC701 (AX-UXG6)
74	COMMAND	O	Micom I/F output to IC701 (AX-UXG6)
75	CLK	O	Micom I/F output to IC701 (AX-UXG6)
76	NC	-	Non connect
77	MCLCK	O	CD LSI control signal output to IC461
78	REST SW	I	Rest switch detection terminal
79	LSI RST	O	CD LSI reset signal output to IC461
80	STAT	I	Status signal input from IC461
81	MLD	O	Command load signal output to IC461
82	MDATA	O	Command data output to IC461
83	NC	-	Non connect
84	MDRECLED	O	MD REC LED control signal output
85	FCD	O	Function CD
86	SMUTE	O	System mute output
87	HPMUTE	O	Headphone mute output
88	LED0	O	Power lighting when it is on always
			(CD/TUNER LED)
89	MDINLED	O	MD IN Indicator control output
90	NC	-	Non connect
91	CLOSESW	I	CD tray close switch detection terminal
92	OPENSW	I	CD tray open switch detection terminal
93	CLOSE	O	CD tray close control signal output
94	OPEN	O	CD tray open control signal output
95	NC	-	Non connect
96	FTU	O	Function tuner
97	TUNERTEST	I/O	Tuner reset
98	NC	-	Non connect
99	SPK	O	Speaker relay control H=ON
100	Vss	-	Connect to GND

Block diagram (XT-UXG6)



<< M E M O >>

TD-UXG6

Disassembly method (TD-UXG6)

■Removing the top cover (See Fig.1)

1. Remove the two screws A and the four screws B attaching the top cover.

2. Remove the top cover from behind in the direction of the arrow while pulling the sides outward.

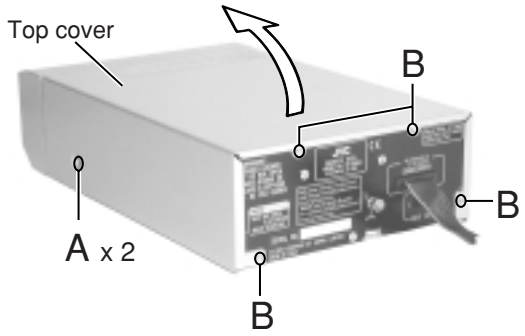


Fig. 1

■Removing the front panel assembly (See Fig.2 to 5)

- Prior to performing the following procedure, remove the top cover.

1. Disconnect the card wire from connector CN637 on the main board and remove the screw C attaching the ground terminal on the main board.

2. Remove the three screws D on the bottom of the body.

3. Release the joint "a" on the bottom and the joints "b" on both sides of the body, and remove the front panel assembly toward the front.

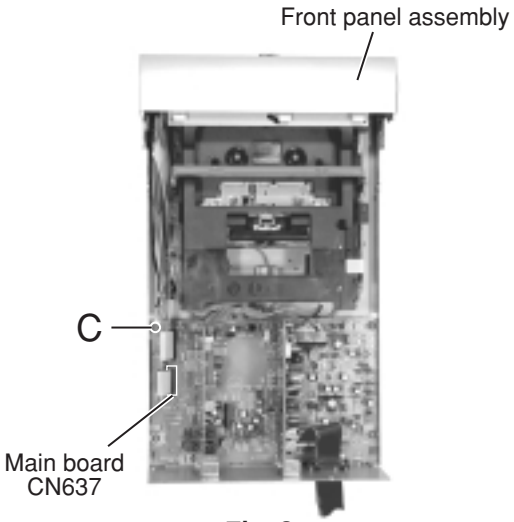


Fig. 2

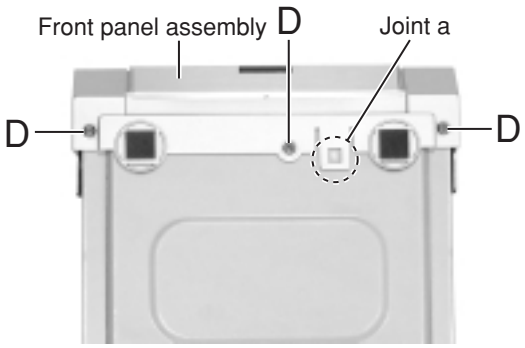


Fig. 3

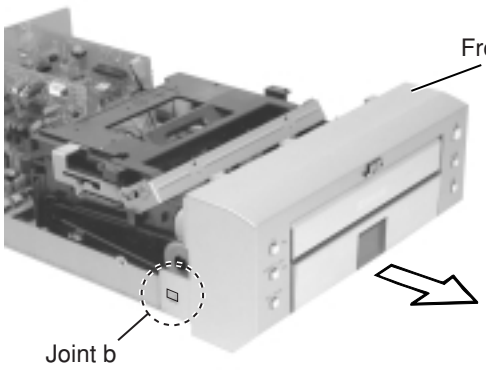


Fig. 5

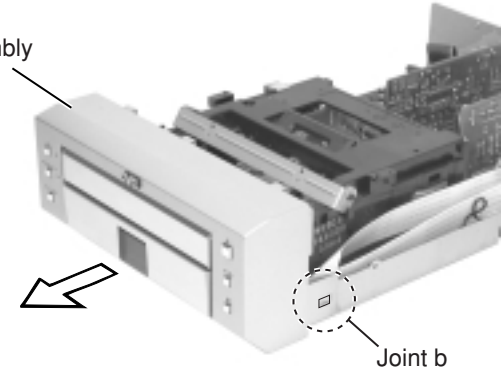


Fig. 4

■Removing the rear panel

(See Fig.6 and 7)

- Prior to performing the following procedure, remove the top cover.

1. Remove the three screws E attaching the rear panel on the back of the body and release the two joints "c" on both sides while moving the rear panel upward

2. Disconnect the harness from connector CN633 on the main board.
   (When disconnecting the harness from the rear panel, unhook the upper and lower four hooks of the wire stopper on the back of the rear panel and pull out the harness outward.)

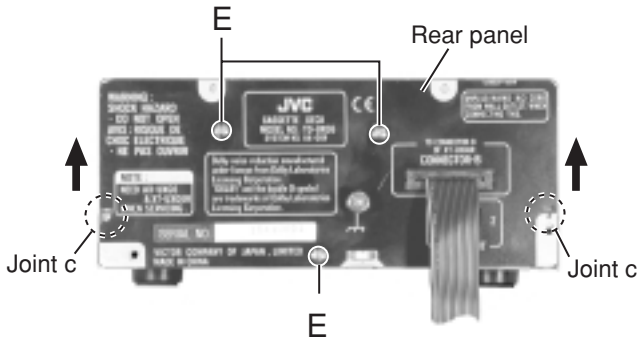


Fig. 6

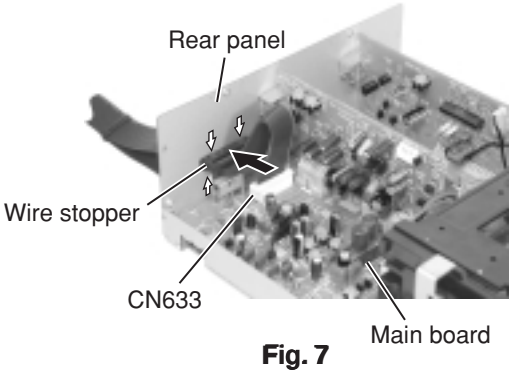
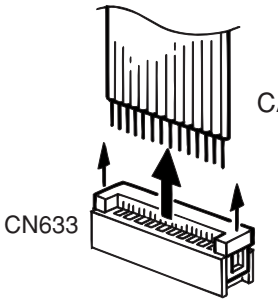


Fig. 7



CAUTION: Lift the lock and pull out the wire.

Fig.7-1

■Removing the cassette mechanism assembly (See Fig.8)

- Prior to performing the following procedure, remove the top cover and the front assembly.

1. Disconnect the card wire from connector CN647 and the harness from CN635 on the main board respectively.

2. Disconnect the harness from the connector on the motor board in the cassette mechanism assembly.

3. Remove the four screws F and detach the cassette mechanism assembly upward.

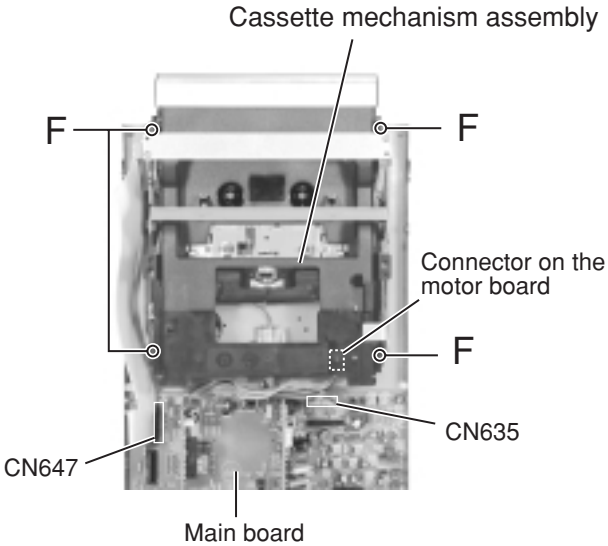


Fig. 8

■Removing the loading mechanism board/ Dolby board (See Fig.9)

- Prior to performing the following procedure, remove the top cover and the rear panel.

1. Disconnect the harness from the connector on the motor board in the cassette mechanism. Then disconnect the loading mechanism board from connector CN634 on the main board.

2. Disconnect the Dolby board from connector CN632 and CN636 on the main board.

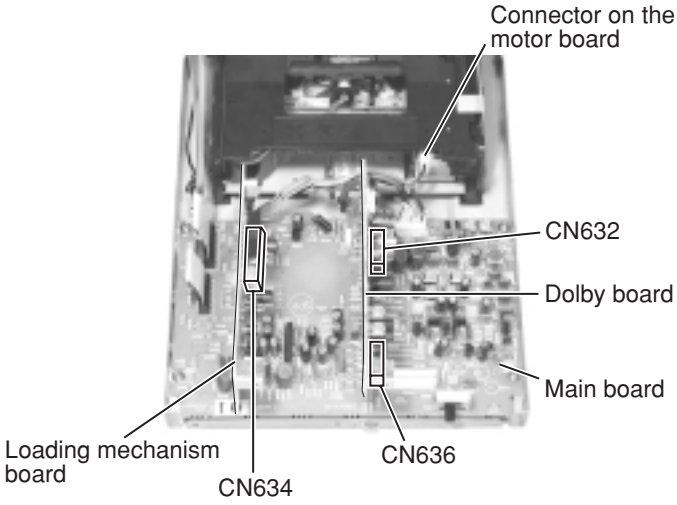


Fig. 9

■Removing the main board (See Fig.10)

- Prior to performing the following procedure, remove the top cover, the rear panel, the loading mechanism board and the Dolby board.

1. Disconnect the card wire from connector CN637 and CN647 on the main board. Then disconnect the harness from CN635.
2. Remove the four screws G attaching the main board.

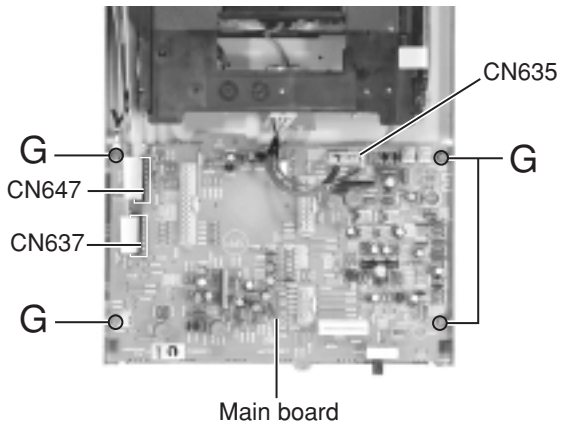


Fig. 10

■Removing the front board (See Fig.11)

- Prior to performing the following procedure, remove the top cover and the front panel assembly.

1. Remove the seven screws H attaching the front board in the front panel assembly.

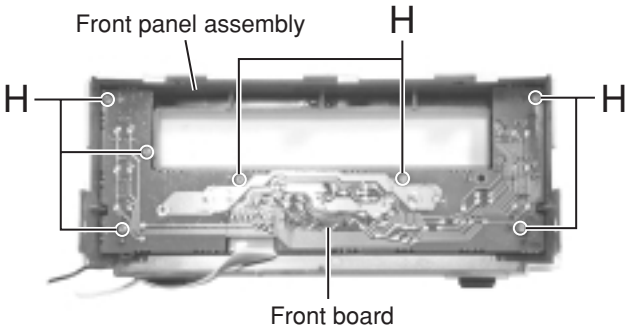


Fig. 11

<<Cassette Mechanism Section>>

■Detaching the cassette loading mechanism (Fig. 1 to 3)

1. Turn the loading drive gear in the direction shown by the arrow so that the head relay board can be removed.
2. Remove the screw A securing the head relay board (to protect the head wire).
3. Remove the two screws B securing the capstan motor bracket.
4. Remove the screw D securing the cassette stabilizer, and detach the stabilizer by pressing it from the side the securing screw is on.
5. Remove the two screws E securing the bracket.
6. Disconnect the capstan motor wiring and detach the cassette mechanism and capstan motor bracket from the loading section.
7. Turn the unit over and remove the four screws C securing the cassette mechanism assembly.
8. Loading section
   Detach the left and right side brackets by pressing their bottoms into the unit and then pulling them towards the back. Detach the left side by turning the loading gear.
9. To detach the tray without removing the screws (D and E) securing the bracket, open the stopper's pawl as shown in the figure and release the stopper to pull out the tray.

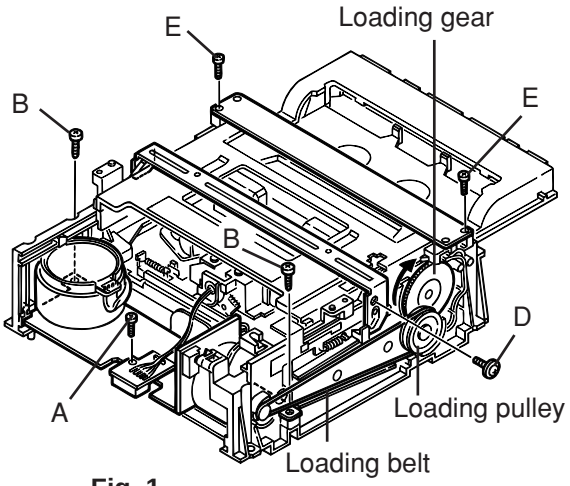


Fig. 1

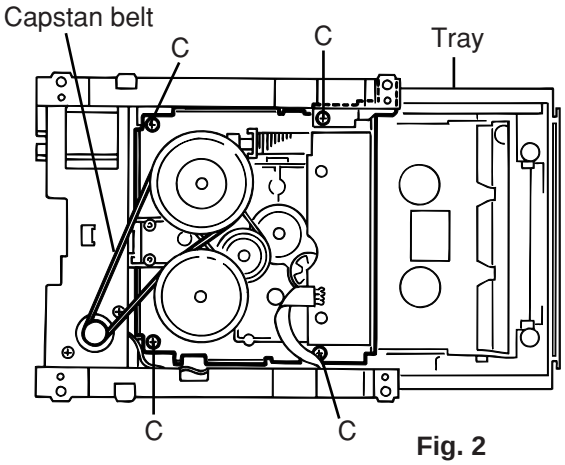


Fig. 2

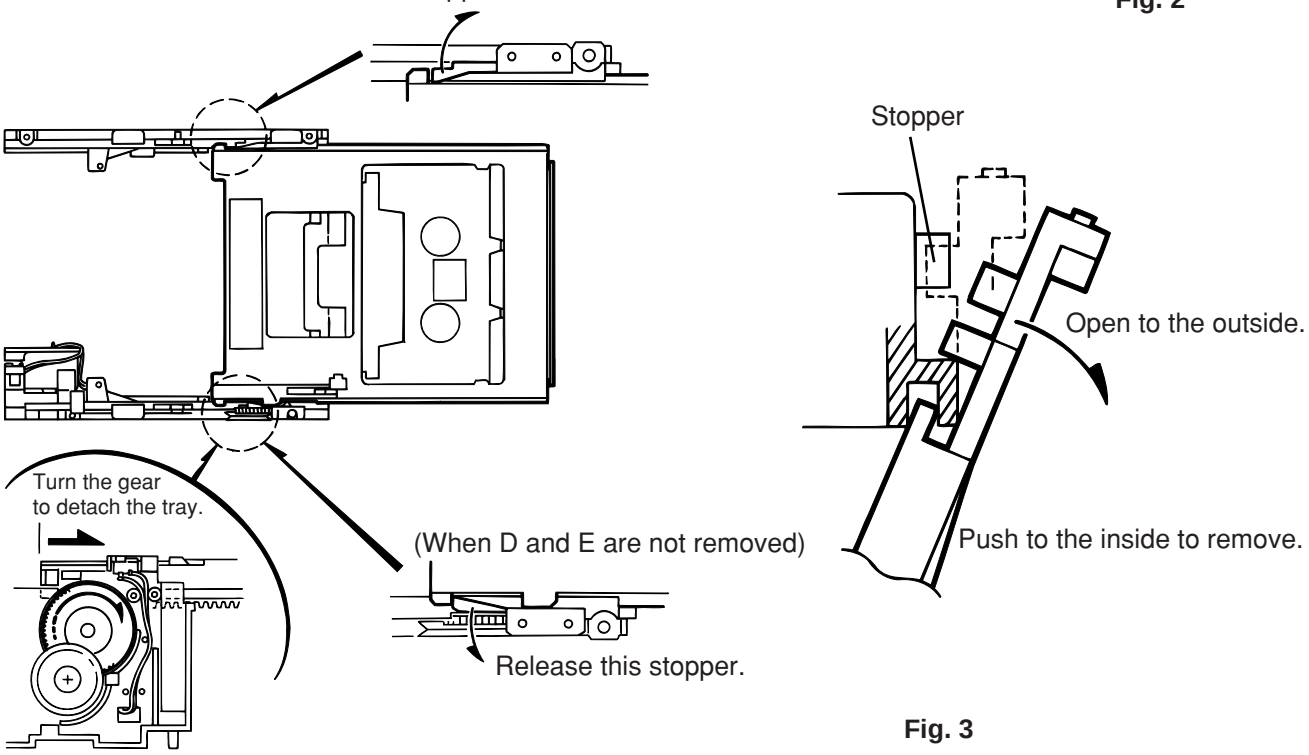


Fig. 3

■Detaching the capstan motor (Fig. 4)

1. Disconnect the capstan motor wiring.
2. Remove the two screws F securing the capstan motor.

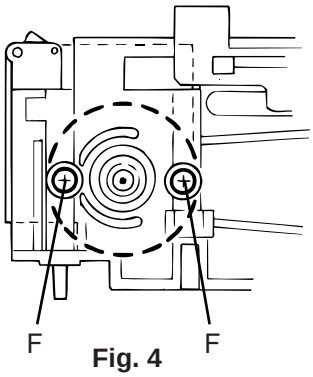


Fig. 4

■Detaching the mechanism (Fig. 5 to 11)

1. Head block
   Remove the two screws G securing the head block (when installing, attach to the return gear arm).
2. Pinch roller assembly
   (1) Remove the pinch roller return spring (used to prevent particle build-up).
   (2) Release the hook securing the pinch roller arm and pull the assembly up.
3. Reel disk
   Press in the tip and pull out the disk. The stopper, reel feather, spring and reel disk are detached at the sometime.

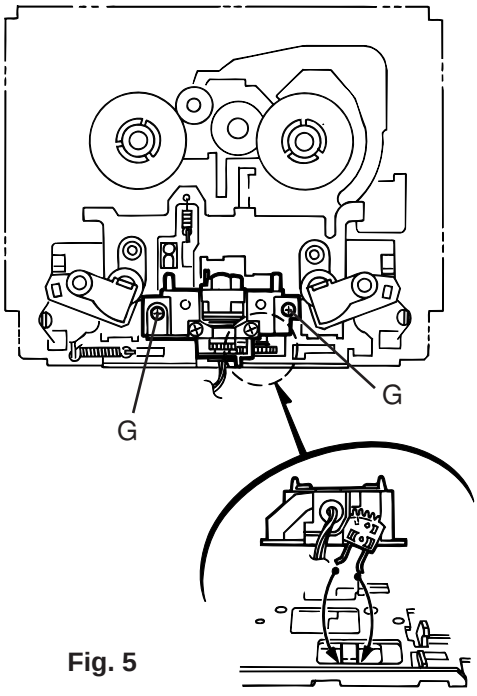


Fig. 5

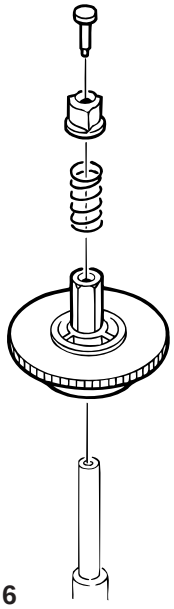


Fig. 6

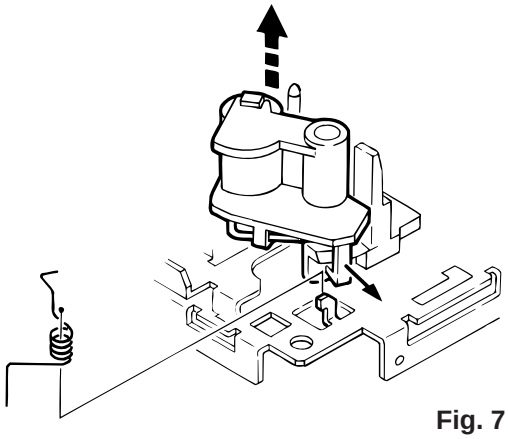


Fig. 7

4. Leaf switch replacement
   Remove the two screws H securing the leaf switch board.

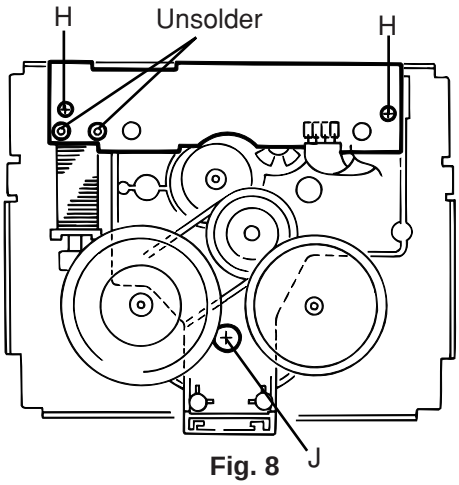


Fig. 8

5. Mechanism base
   (1) Pull out the reel disk.
   (2) Detach the brake arm.
   Pull up the brake arm by releasing the stopper on the brake arm shaft.
   (3) Remove the four switches I securing the mechanism base unit.
   (4) Pull out the reel idle gear.
   (5) Turn the unit over and remove the screw J.

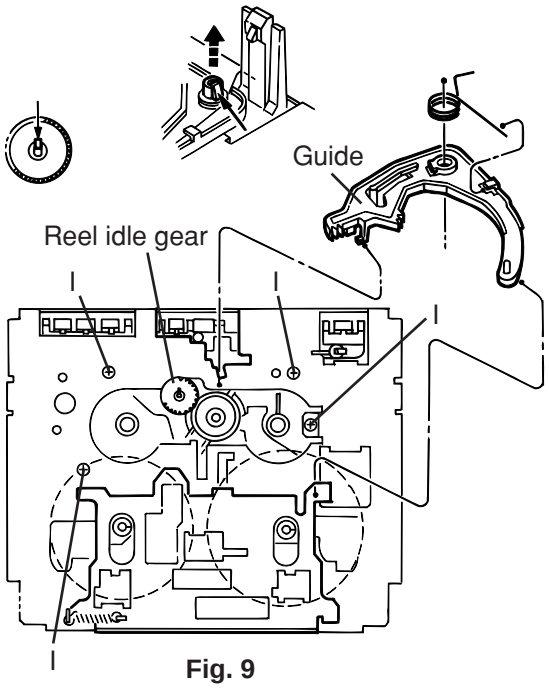


Fig. 9

■Detaching the flywheel

1. Remove the C washers and washers from the capstan.
2. Pull out the flywheel.

Note: When assembling, be sure to replace the C washers and washers on the same sides they came from.

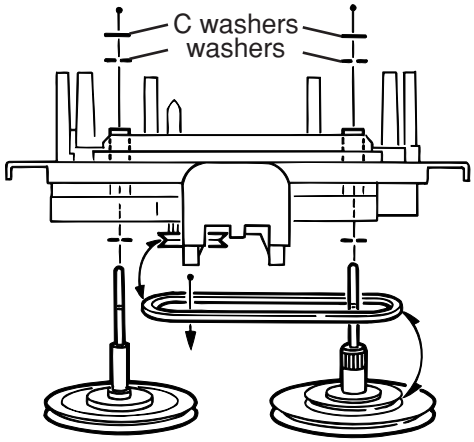


Fig. 10

■**Assembling** (Figs. 11 to 13)

1. Set the cam gear in the position shown in the figure.
2. Set the spring as shown in the figure.
3. Set the solenoid plunger (shaft).
4. Attach to the mechanism base.
5. Slide the head return slider (white plastic) in the direction shown by the arrow to position the stud.
6. Check the positioning of the plunger.
7. Set the cam gear with the screw (K).
8. Turn the cam gear and make sure that the headbase moves back and forth.

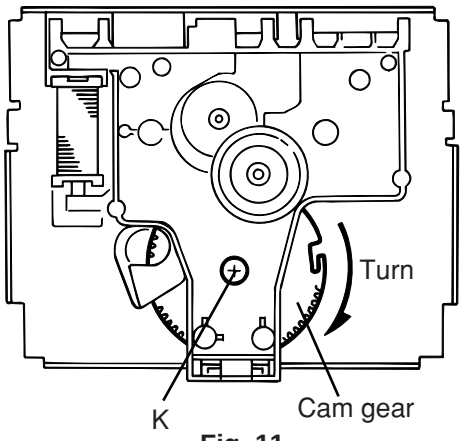


Fig. 11

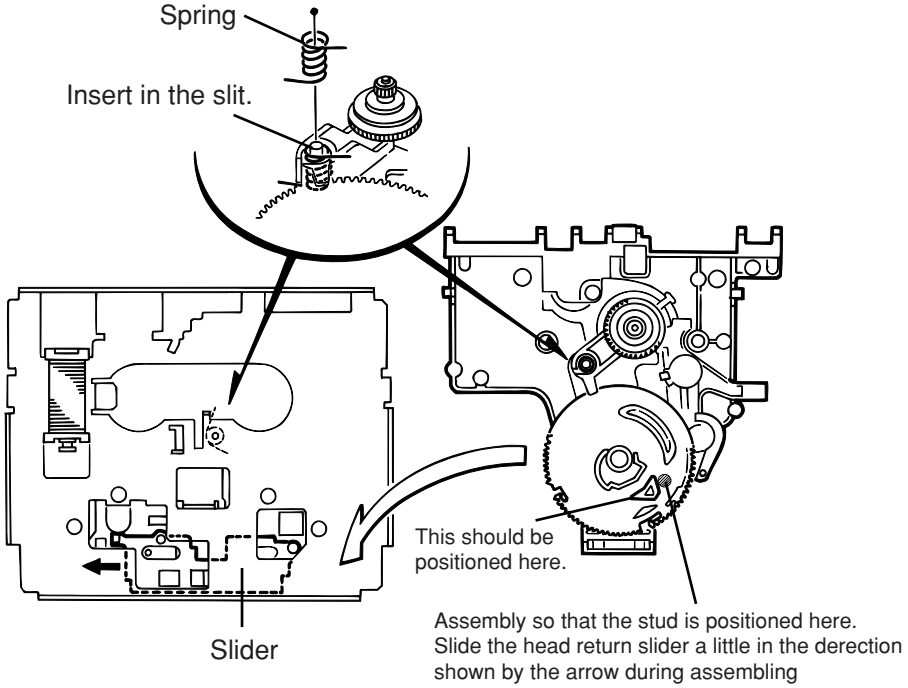


Fig. 12

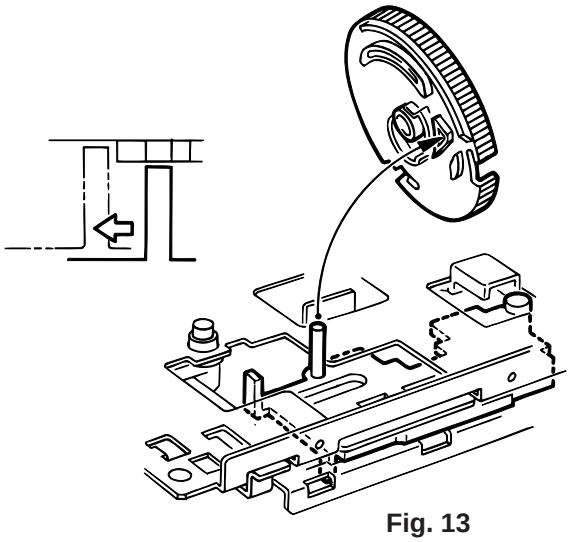


Fig. 13

Main adjustment

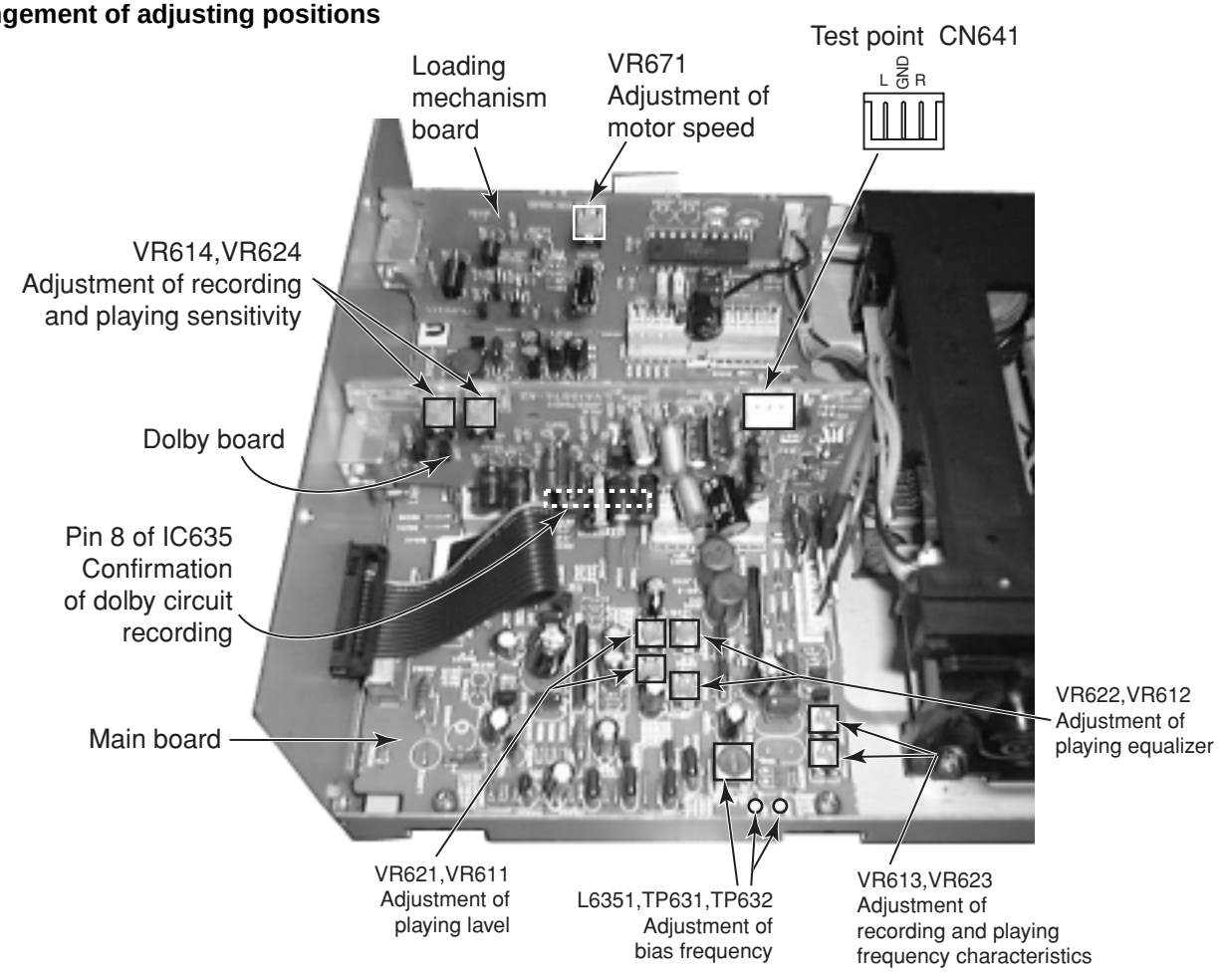
1.Measuring instruments required for adjustment

(1) Low frequency oscillator
This oscillator should be capable of outputting 0dB (0.775V) at the 600W terminal at an oscillation frequency of 50 - 20kHz.
(2) Attenuator (Impedance: 600 Ω)
(3) Electronic voltmeter
(4) Standard tapes for measurement
VT712 (for measuring the tape speed and wow flatter)
VT724 (Reference level) (1kHz)
TMT735 (for measuring the playing (playback) frequency characteristics) (1kHz and 12.5kHz)
TMT6447 and TMT6448 (for music scanning)
VT705 (12.5kHz) (for adjusting the head azimuth)
(5) Standard recording tape
AC-225 (TDK AD), AC-514 (TDK SA), or equivalent (Be sure to use only the standard recording (measurement) tapes specified by this division).
(6) 600 Ω resistors and so forth (for attenuator matching)
(7) Distortion meter (band pass filter)
(8) Torque gauge (cassette)
For adjusting the torque related to CTG-N, TW211,TW2121, TW2231 and TW2241
(9) Wow flatter meter
(10) Frequency counter
(11) M300 gauge (Gauge M300)
(12) Band pass filter

2.Setting of the respective switches and volume knobs

Dolby NR switch	: OFF
Reverse mode	: ON
Power supply switch	: ON

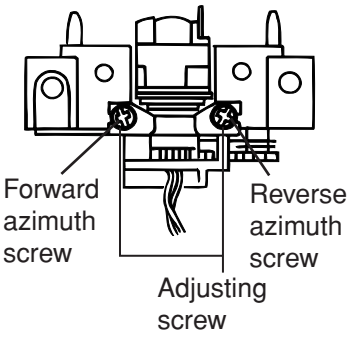
3.Arrangement of adjusting positions



■Procedures for adjusting the mechanism section

Caution for Changing the Head

Remove the screw provided from right above the head. At this time, peel the screw locks around the head by using a sharp-pointed device. Moreover, use the screw driver matching the corresponding screw.

	Items	Adjusting position	Adjusting position	Reference value	Remarks
1	Adjustment of head azimuth	1. Connect the voltmeter to the [LINE OUT] terminal. 2. Play the test tape VT705 (12.5kHz). 3. Adjust the head azimuth screws so that the phase difference between both the forward and reverse channels becomes maximum and the output of both of the channels becomes maximum.	Forward and reverse azimuth screws	Maximum output (within -1dB)	
2	Adjustment of motor speed	1. Connect the frequency counter to the [LINE OUT] terminal. 2. Play the test tape VT712. 3. With VR671, adjust the counter reading to 3,000Hz.	VR671	3000±10Hz	
3	Confirmation of wow flatter	1. Connect the wow flatter meter to the [LINE OUT] terminal. 2. Play the test tape VT712 (3kHz). 3. Confirm that the wow flatter value is within 0.18% (JIS WTD).		0.18% or less (JID WTD)	
4	Confirmation of playing torque	1. Confirm the playing torque by using the torque test tape (TW2131 [FWD]) or the CTG-N gauge.		26~75 g/cm	
5	Forward feeding/ reversing torque	1. Confirm the forward feeding/ reversing torque by using the gauge as mentioned above or using the test tapes (TW2231 [FWD]/TW2241 [REV]).		70~170 g/cm (both FF/REW)	

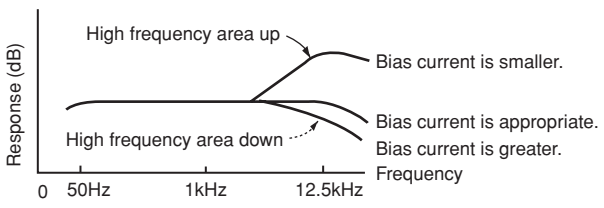
■Procedures for adjusting the electrical circuit

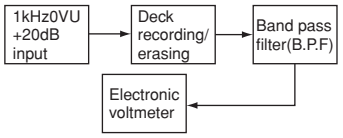
The following adjustments should be performed after adjusting the tape traveling and head angles.

- The sequence of adjustment should in principle be according to the following order of description.
- The adjustment items denoted by asterisk should be performed whenever the head has been changed.

[0dBs = 0.775V]

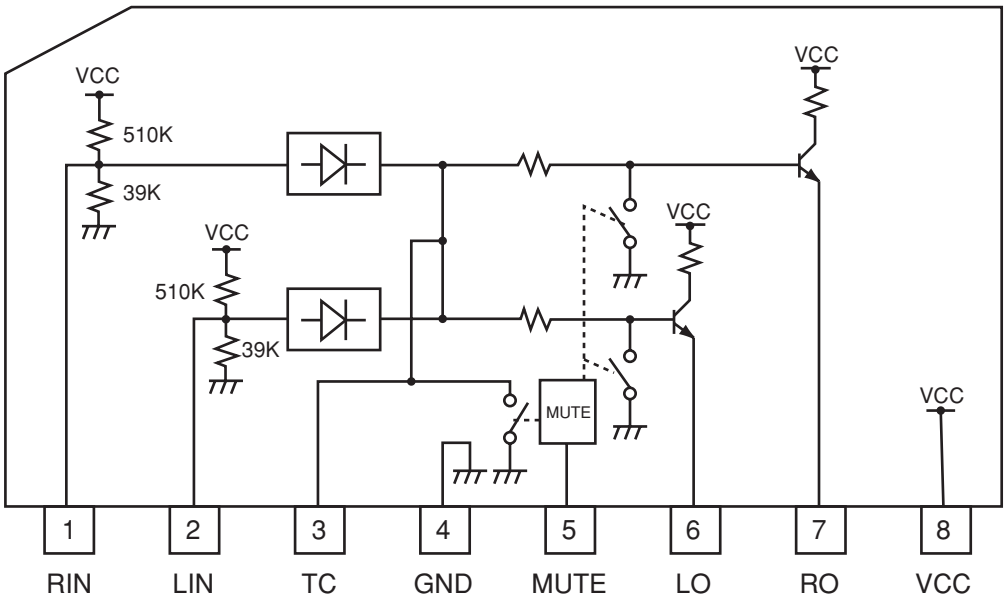
	Items	Adjusting and confirmation methods frequency level deviation of output up and down values			
1	Confirmation of Dolby circuit recording (Recording mode)			Frequency level	Deviation of output up and down values
		Recording Dolby B	Input:[Line IN] (-8dBs) Measuring points:Pin 8 of IC635 and pin 2 of CN641 Reference level at measuring points 400Hz -8dBs (=Cal. level)	1kHz Cal-40dB	+5.7dB 2dB
				5kHz Cal-20dB	+3.5dB 1.5dB
				1kHz Cal 0dB	0dB +0.5/-1 dB

	Items	Adjusting position	Adjusting position	Reference value	Remarks
*2	Adjustment of playing level	While playing the test tape VT724 (1kHz), adjust the CN641 output to -25.5dBs with VR611 and VR621. (The L - R channel output difference should be within 0.5dB).	L:VR611 R:VR621	-25.5dBs ±0.5dB (L-R difference: within 0.5dB)	Adjust the playing level since this level will be changed whenever the head has been changed. At this time, the impedance of electronic voltmeter should be 100 Ω or more.
*3	Adjustment of playing equalizer	While playing the test tape TMT7063 (1kHz and 12.5kHz), adjust the test point TP (CN641) output to the reference values at 1kHz and 12.5kHz outputs with VR612 (Lch) and VR622 (Rch).	L:VR612 R:VR622	With reference to 1kHz, the deviation of 12.5kHz should be 1.5 ±0.5dB	NR : OFF By using the test tape TMT7063 (12.5/1kHz/63Hz), confirm that 63Hz:+2dB ±3dB with reference to 1kHz.
4	Reference value of recording input	Confirm that the input level at the test point TP (CN641) terminal is -25.5dB when 1kHz -28.2dBs has been applied to the line input.		Output level: -25.5dBs ±1dB	
5	Adjustment of bias frequency	Connect the frequency counter to the test points TP631 and TP632 and adjust the bias frequency to 100kHz with	L6351	100kHz +9kHz -1kHz	Tape : chrome Mode : recording
*6	Adjustment of recording and playing frequency characteristics	Record 1kHz/12.5kHz with a normal tape, and adjust the deviation at 12.5kHz to +0 ± 0.5dB with reference to 1kHz by means of VR613 (Lch) and VR623 (Rch).	L:VR613 R:VR623	Normal tape: 0 ±0.5dB Chrome tape: 0 ±4dB	Ref-20dB : [Value reduced by as much as -20dB from the reference input value] ≒28.2dB The bias value in the case of chromium tape will be set by shifting the voltage with reference to that in the case of normal tape. Unless the bias current has been adjusted correctly, the recording characteristics will become as indicated in the diagram on the left hand side.
					

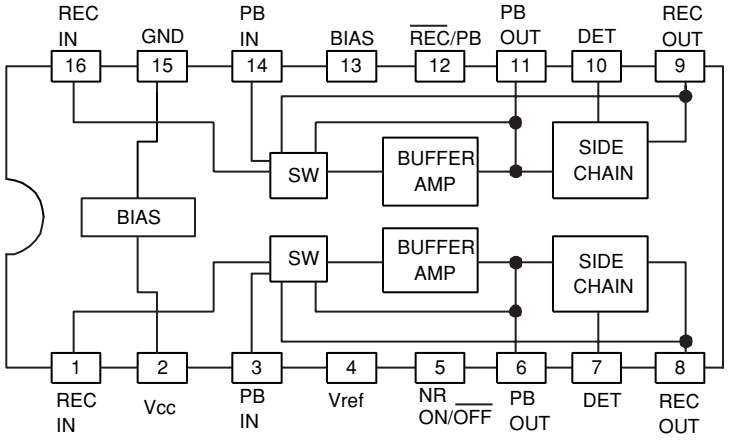
	Items	Adjusting position	Adjusting position	Reference value	Remarks
*7	Adjustment of recording and playing sensitivity	1. While applying 1kHz -28.8dB to the line input terminal, confirm that the sensitivity level at the test point TP_____ is 0dBs. 2. While recording and playing back the above, adjust the recording signal current with VR614 (Lch) and VR624 (Rch) so that the sensitivity level becomes-25.5dBs.	L:VR614 R:VR624	Normam tape: -25.5dBs ±0.5dB Chrome tame: -25.5dBs ±2dB	The left and right level difference of both normal and chrome tape should be within 0.5dB. The sensitivity level should be adjusted with normal tape. NR:OFF Tape:Normal tape
8	Confirmation of recording and playing distortion rate	1. Record the test tapes _____ at 1kHz and reference input. 2. Check the output with a distortion meter while playing back the above test tapes, and confirm that the respective distortion rates comply with the standard value.		Normal tape: 3.0% or less Chrome tape: 3.0% or less	Confirm the distortion rate after adjusting the bias current and recording level.
9	Confirmation of recording and playing S/N ratio	1. Halfway during recording at 1kHz and reference input, sample the input and perform non-signal recording. 2. While playing back the above, measure the difference between the reference recording output and non-signal recording output with an electronic voltmeter, and confirm that the measurement complies with the standard value.		Normal tape: 38dB or over Chrome tape: 40dB or over	
10	Confirmation of erasing rate	1. Apply 400Hz signal (Ref. + 10dB) from the [LINE IN] terminal. 2. After rewinding the above, erase a part of the recorded portion. 3. Measure the ratio of the erased portion to the recorded portion with an electronic voltmeter.		55dB or over	For measuring the erasing ratio, connect a band pass filter(B.P.F) between the electronic voltmeter on the deck. 
11	Confirmation of music scanning action	1. After loading the test tape TMT6447, press the [PLAY] and [FF] buttons or [REW] button. After rewinding the tape, perform music scanning and execute the [PLAY] action. 2. After loading the test tape TMT6447, press the [PLAY] and [FF] buttons or [REW] button. In this case, be sure not to perform music scanning at the beginning of tape winding.			
12	Confirmation of NR effect	While short-circuiting the [LINE IN] terminal input, 1. Confirm the difference of noise level at self-recording and playing when the Dolby is off and Dolby B is on.		8.5dB or over	In this case, use the CCIR ARM filter.

Description of major ICs

■BA8221AN (IC634) : ALC

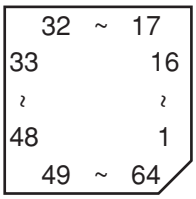


■HA12136A (IC635) : Noise reduction amplifire



■MN171601AJABF (IC671) : System control

1.Pin layout



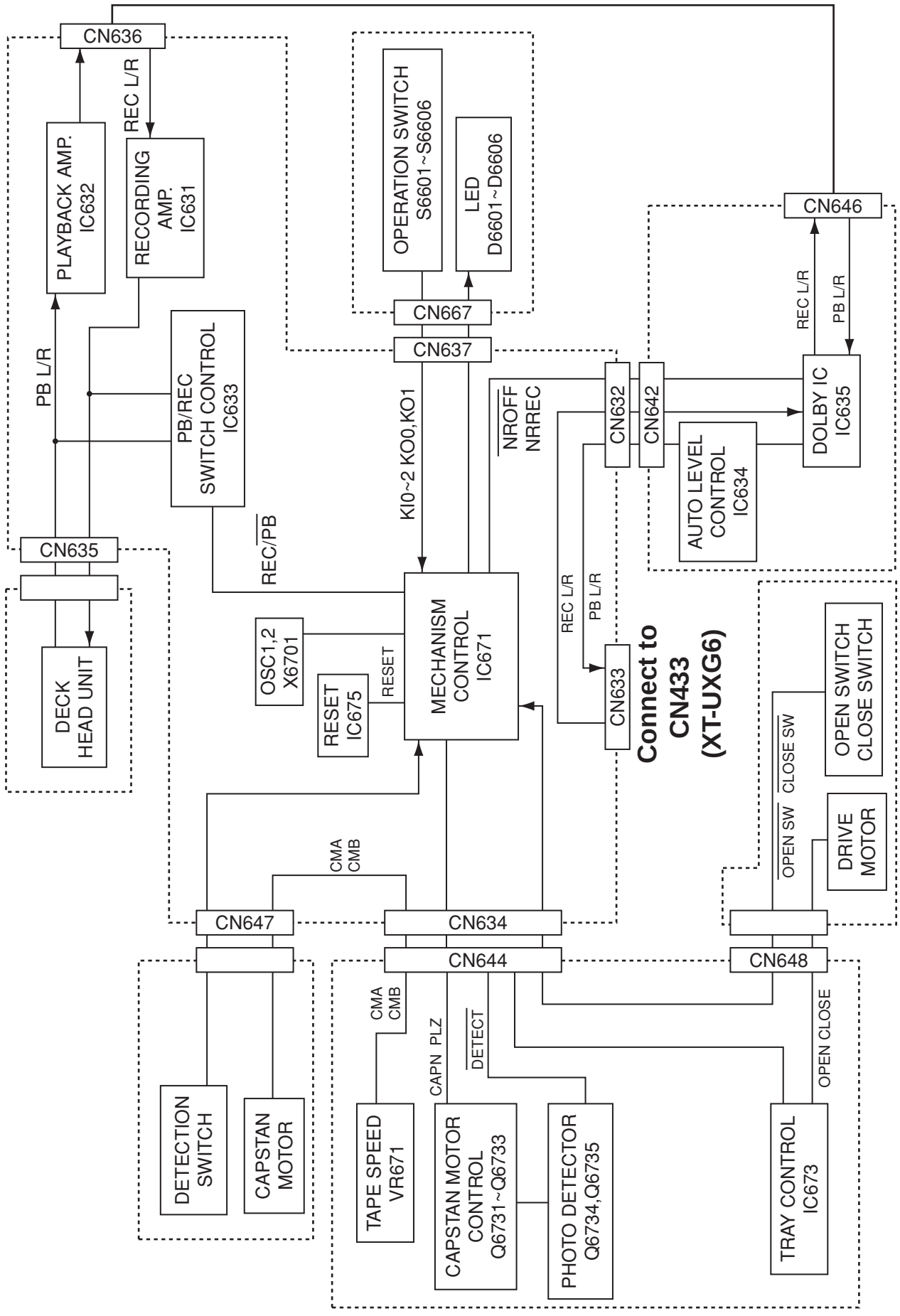
2.Key matrix

	KEYO0	KEYO1
KEYI0	REC PAUSE	STOP
KEYI1	REVERSE	< >
KEYI2	DOLBY B NR	OPEN/CLOSE

3.Pin function

Pin No.	Symbol	I/O	Function
1	REC/$\overline{PB}$	O	Switching to R/P head
2~7	NC	-	Connect to GND
8	MSI	I	Detecting to music scan
9	NC	-	Non connect
10	Cro2/$\overline{NORM}$	O	Detecting to Chrome
11	BIAS	O	Bias output
12	$\overline{NORM}$	O	Switching to playback equalizer (H=70, L=120μ)
13	PBMUTE	O	Playback mute
14	NC	-	Non connect
15	$\overline{NROFF}$	O	Switching to ON/OFF for DOLBY (H=OFF, L=ON)
16	NRREC	O	Switching to REC/PB for used DOLBY (H=PB, L=REC)
17	R.MUTE	O	Recording mute
18	$\overline{BLUE}$	O	Indicator control output
19	$\overline{REC}$	O	Indicator control output (REC)
20	$\overline{REVPLAY}$	O	Indicator control output (REVERSE Play)
21	$\overline{FWDPLAY}$	O	Indicator control output (FORWARD Play)
22	$\overline{REVERSE}$	O	Indicator control output (REVERSE)
23	$\overline{DOLBYB}$	O	Indicator control output (DOLBY B NR)
24~26		-	Non connect
27,28	KO1,KO0	O	Key matrix output
29		-	Non connect
30~32	KI2~0	I	Key matrix input
33	NC	-	Non connect
34	PLZ	O	Plunger ON
35	CAPN	O	Capstan motor ON
36,37	NC	-	Non connect
38	$\overline{REV-RSW}$	I	Detect reverse recording (Recording prohibition)
39		-	Non connect
40	$\overline{PACKSW}$	I	Tape detecting(tape in use:L)(tape ON:L)Tape detect yes or not
41	$\overline{DETECT}$	I	Detecting to reel pulse
42	CroMETALSW	I	Detecting to chrome
43	$\overline{PLAY}$	I	Detecting to play
44	$\overline{FWD-RSW}$	I	(Recordable:L) Detecting to FWD to recording (recording prohibition)
45,46	NC	-	Non connect
47	OPEN	O	Cassette tray : open
48	CLOSE	O	Cassette tray : close
49	$\overline{CLOSESW}$	I	Detecting for cassette tray : close
50	$\overline{OPENSW}$	I	Detecting for cassette tray : open
51	RST	I	CPU Reset input
52	X1	-	Connect to GND
53	X2	-	Non connect
54	VSS	-	Connect to GND
55,56	OSC2,1	I/O	Oscillation terminal
57	VDD	-	Power supply
58~61	NC	-	Connect to GND
62,63	$\overline{DCSO/I}$	I/O	DCS input/output
64	NC	-	Connect to GND

Block diagram (TD-UXG6)



Disassembly method (SP-UXG6)

■Removing the ornament panel assembly

1. Remove the saran board from the speaker box. (Saran board can be detached by pulling the side of saran board forward.) (See Fig.1)
2. A minus driver is inserted in the space between the ornament panel and the cabinet in the bottom part of the main body little by little. (See Fig.4) 3.A minus driver is inserted in a surrounding round of the ornament panel little by little, and the ornament panel is removed. (See Fig.2)

*The wound adheres when the driver is moved up and down with the driver inserted, and inserts in the direction where the driver was inserted.

*It is easy to remove when the driver is chiefly inserted in the place because there is a part which the convex part of the ornament panel has inserted in the concave part on the cabinet.

*The wound must not adhere by using the cloth etc. when it is not easy to remove.

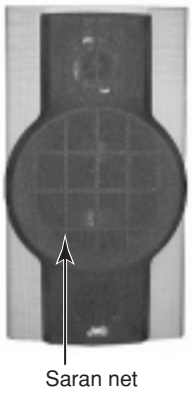


Fig.1

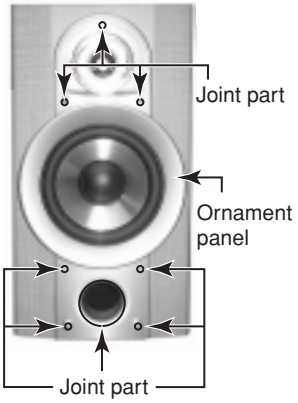


Fig.2

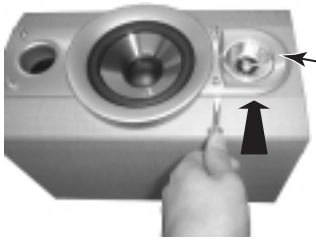


Fig.3

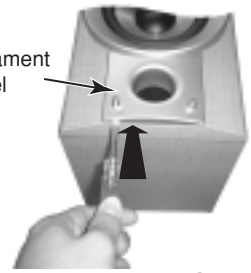


Fig.4

■Removing the tweeter unit (See Fig.5)

1. The ornament panel is removed 2.T wo plug wires(black and yellow) connected with the tweeter unit are pulled out. 3.Remove the two screws A attaching the tweeter unit.

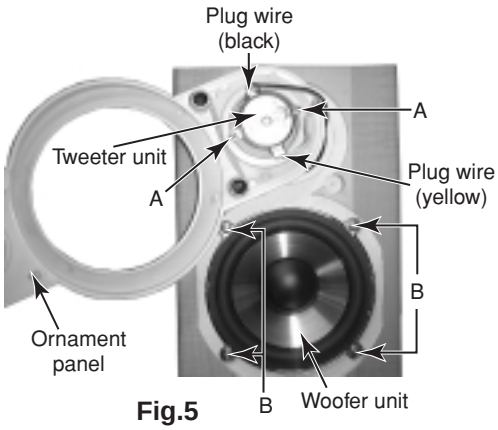


Fig.5

■Removing the woofer unit

1. The ornament panel is removed.
2. Remove the four screws B attaching the woofer unit. (See Fig.5)
3. Two plug wires(red and black/yellow) connected with the woofer unit are pulled out.(See Fig.6)

As parts for the repair of this speaker system,it is only the speaker box assemblies. It is not possible to supply with each part unit.

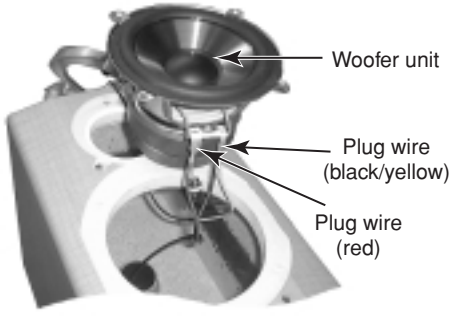


Fig.6

Standard schematic diagrams

■Power transformer section (AX-UXG6)

EXPLANATION OF OVERALL OF SCHEMA
MODEL UX-G6, FS-G6

SHEET No.	MODEL No.	CIRCUITS DESCRIPTION
1/3	AX-UXG6	PRIMARY WITH TRANSFORMER
2/3	AX-UXG6	AUDIO POWER AMPLIFIRE/DC REGULATORS
3/3	AX-UXG6	USER CONTROL KEYS/SYSTEM CONTROL LSI/FL DISPLAY

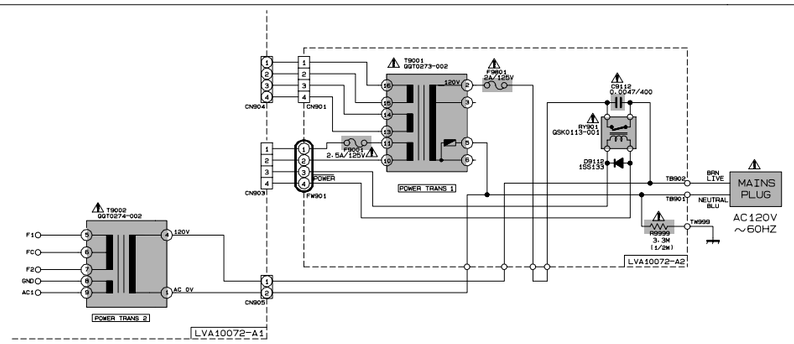
VERSION CODES

J	U.S.A./CANADA
A	AUSTLARIA
B	U.K.
E	CONTINENTAL EUROPE
EN	NORDIC COUNTRIES
EV	EASTERAN EUROPE
EE	RUSSIA
UB	HONKONG
US	SINGAPORE
UP	KOREA
UX	SAUDI-ARABIA
U	UNIVERSAL EXCEPT ALL OF ABOVES

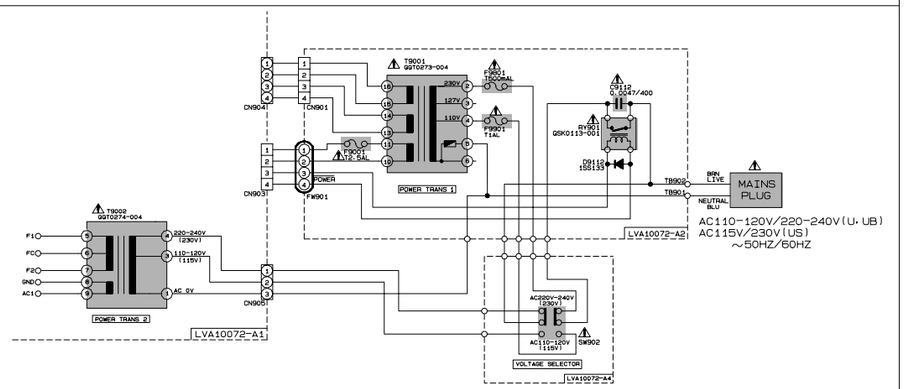
NOTE
MARK(*) IS TO SHOW DEVIATION IN VERSION DETAILS ARE EXPLAINED NEAR MARK.

POWER SUPLLY SECTION

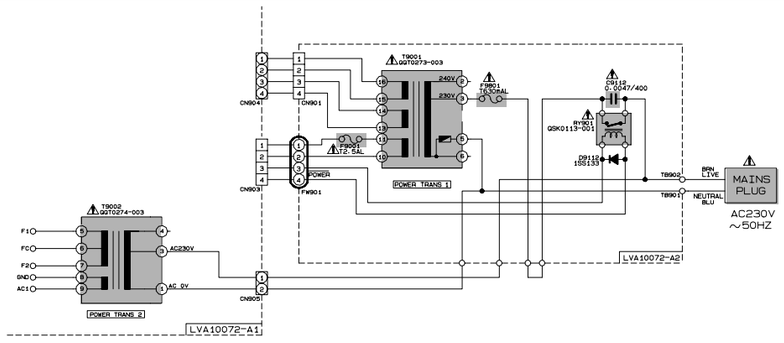
J



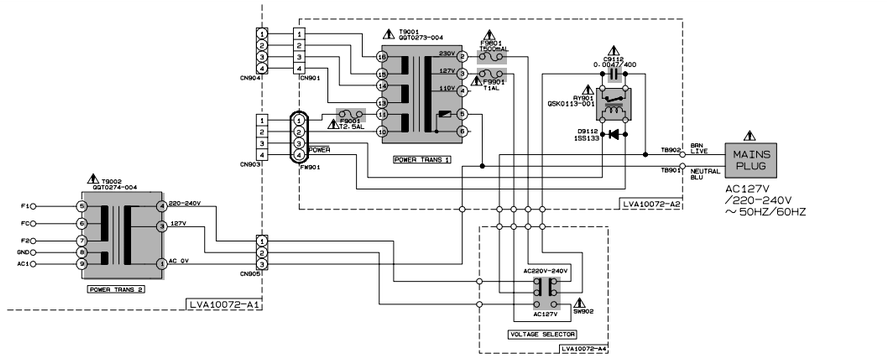
U, UB, US



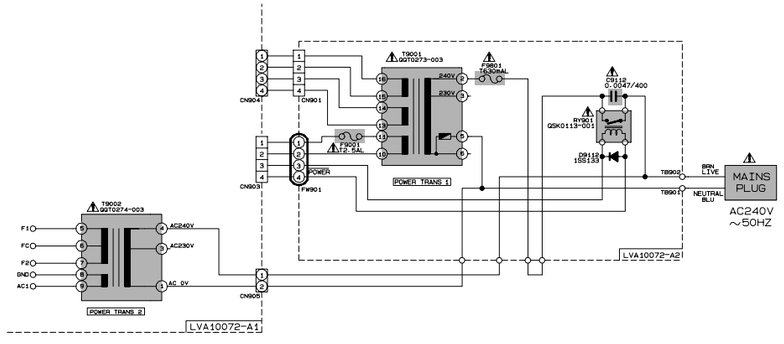
B, E, EN, EV, EE



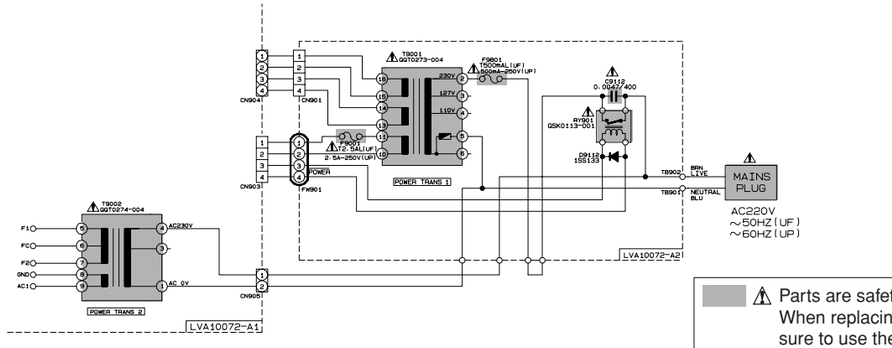
UX



A



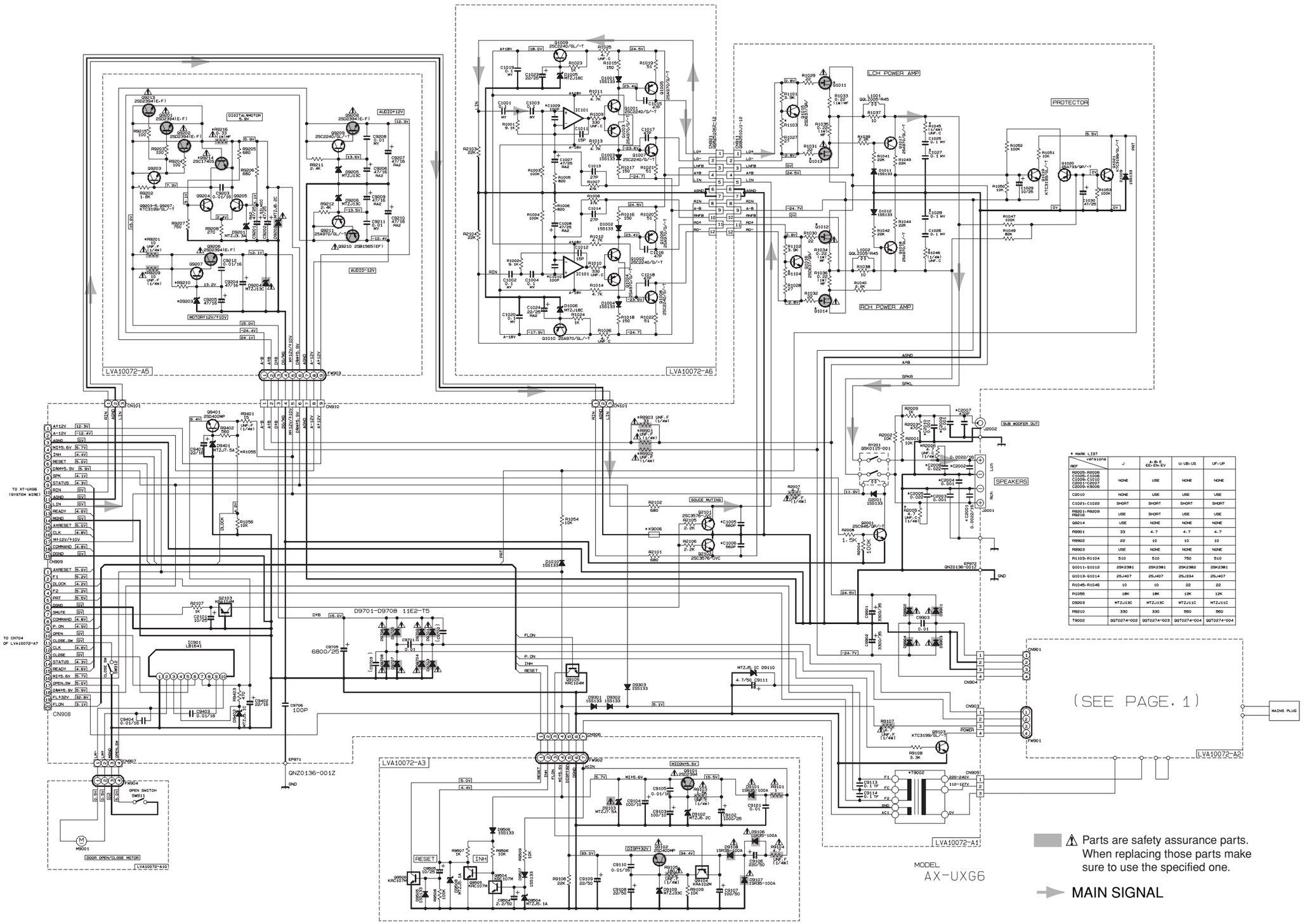
UP, UF



MODEL
AX-UXG6

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

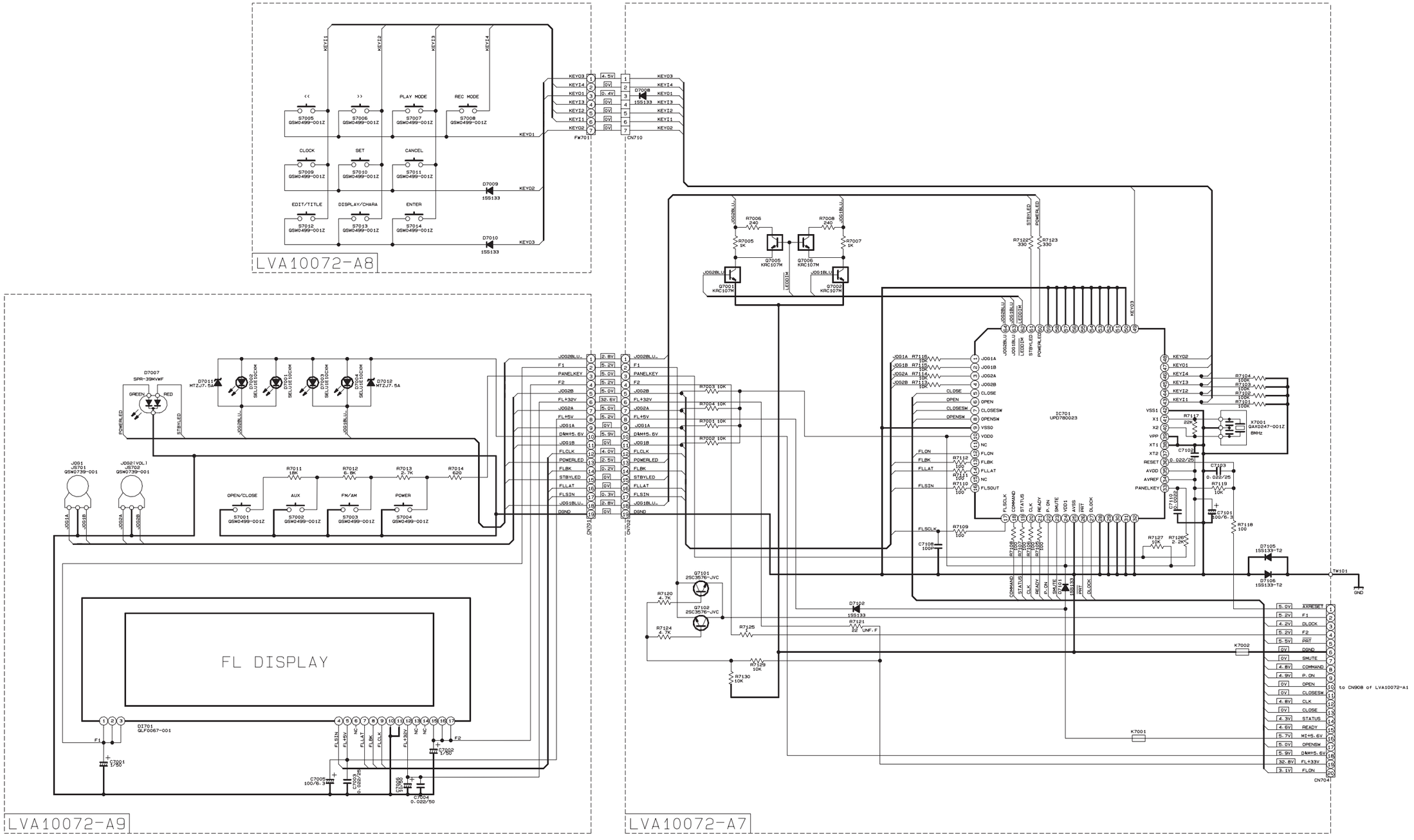
■Main AMP. and power supply section (AX-UXG6)



* MARK LIST

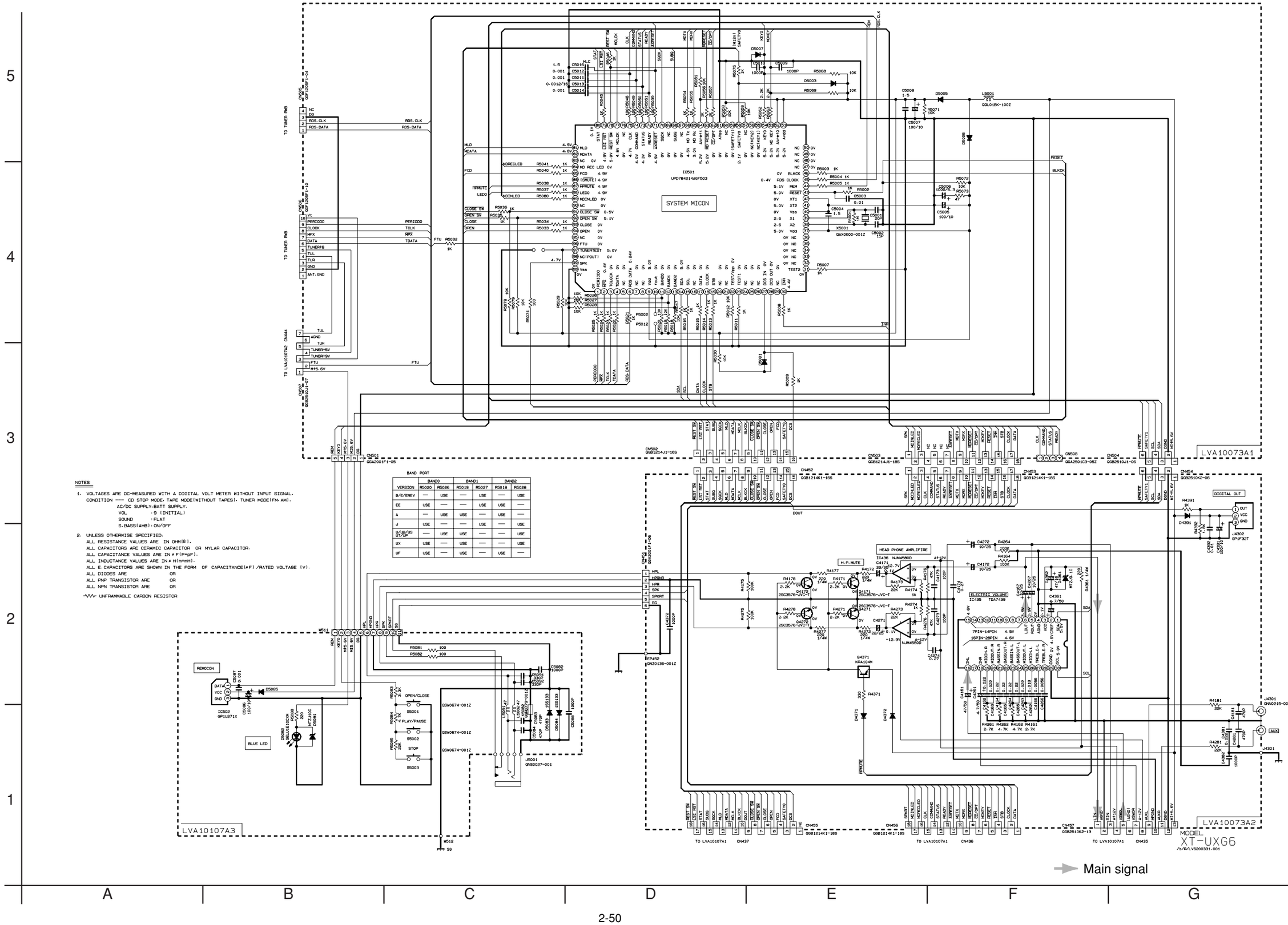
versions / REF	J	A-EK, EC-EN-EV	U-UB-US	UF-UP
R2005-R2006 C1005-C1006 C2001-C2027 C2003-K9006	NONE	USE	NONE	NONE
C2010	NONE	USE	USE	USE
C1021-C1022	SHORT	SHORT	SHORT	SHORT
R9201-R9209 R9216	USE	SHORT	USE	USE
Q9214	USE	NONE	NONE	NONE
R9901	33	4.7	4.7	4.7
R9902	22	10	10	10
R9903	USE	NONE	NONE	NONE
R1103-R1104	510	510	750	510
Q1011-Q1012	2SK2381	2SK2381	2SK2382	2SK2381
Q1013-Q1014	2SJ407	2SJ407	2SJ334	2SJ407
R1045-R1046	10	10	22	22
R1055	18K	18K	12K	12K
D9203	MTZJ13C	MTZJ13C	MTZJ11C	MTZJ11C
R9210	330	330	560	560
T9002	0QT0274-002	0QT0274-003	0QT0274-004	0QT0274-004

■FL Display and micom section (AX-UXG6)



MODEL
AX-UXG6

■System control section (XT-UXG6)



NOTES

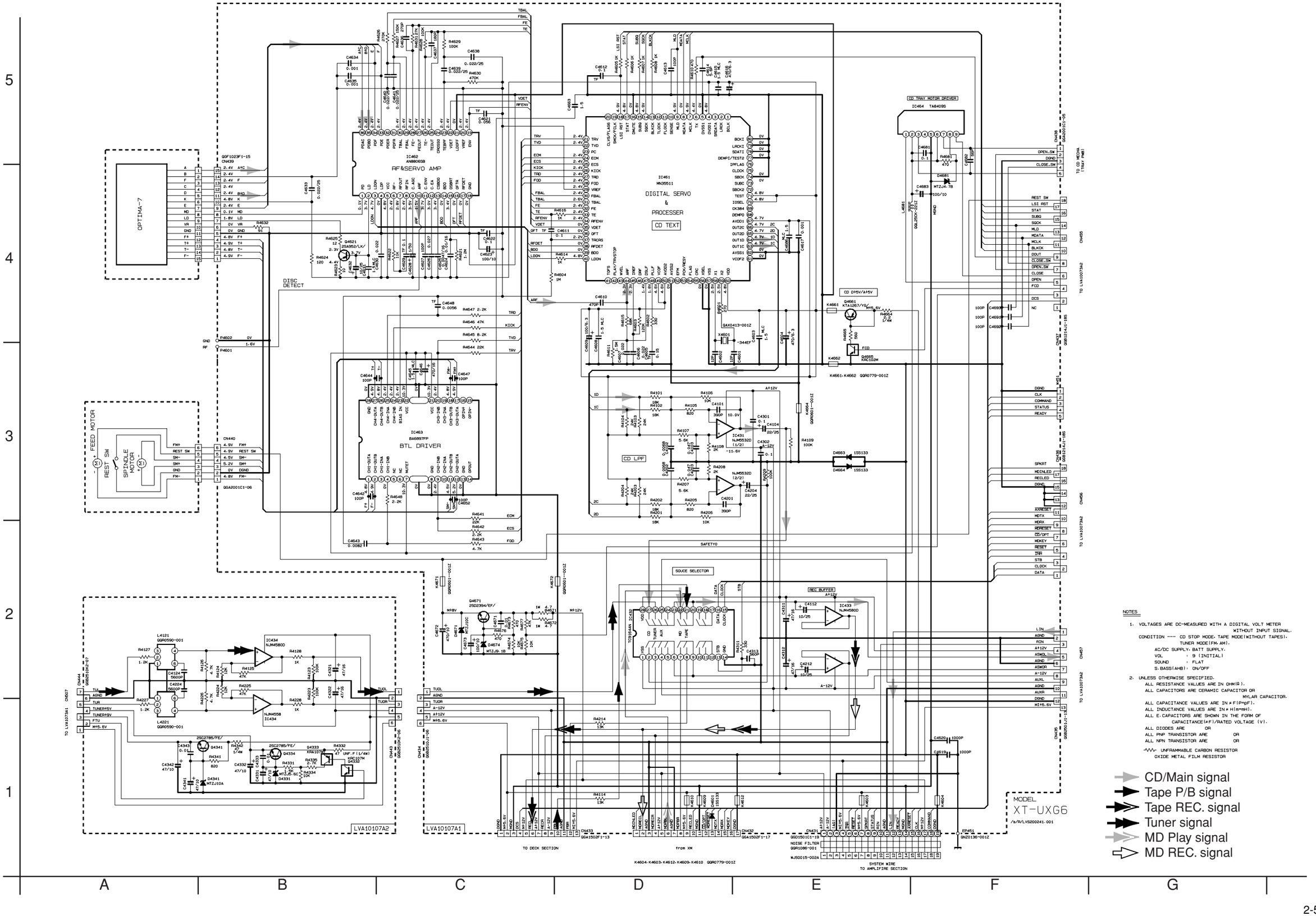
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
   CONDITION ---- CD STOP MODE, TAPE MODE(WITHOUT TAPES), TUNER MODE(FM, AM).
   AC/DC SUPPLY, BATT SUPPLY.
   VOL : 9 (INITIAL)
   SOUND : FLAT
   S-BASS(AHB) : ON/OFF

2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL INDUCTANCE VALUES ARE IN μH(m=mH).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
   ALL DIODES ARE OR
   ALL PNP TRANSISTOR ARE OR
   ALL NPN TRANSISTOR ARE OR
   UNFRAMMABLE CARBON RESISTOR

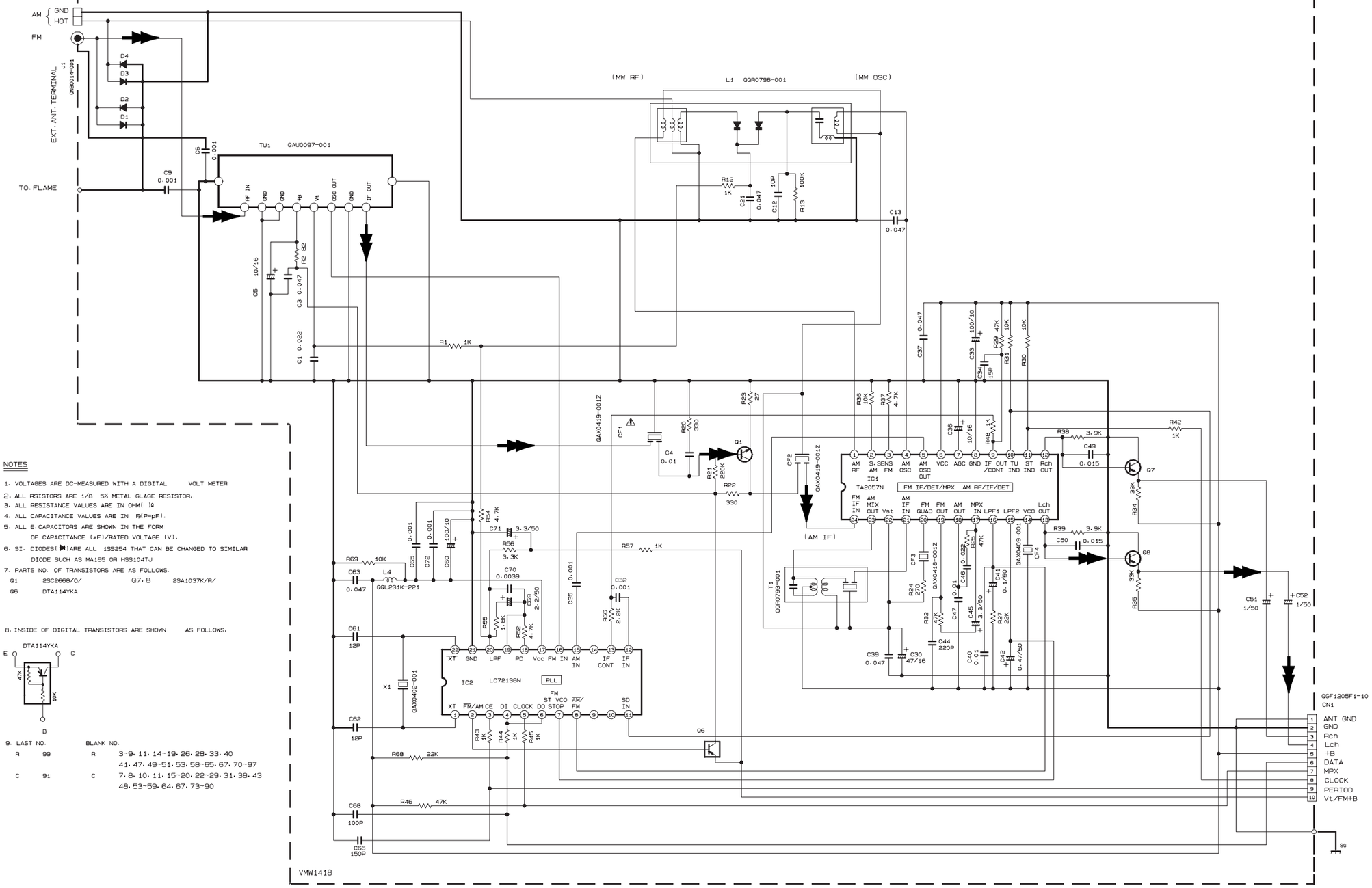
BAND PORT

VERSION	BAND0		BAND1		BAND2	
	R5020	R5026	R5019	R5027	R5018	R5028
B/E/ENEV	—	USE	—	USE	—	USE
EE	USE	—	—	USE	USE	—
A	—	USE	USE	—	USE	—
J	USE	—	—	USE	—	USE
U/UB/US U1T/UP	—	USE	USE	—	—	USE
UX	USE	—	USE	—	—	USE
UF	USE	—	USE	—	USE	—

■CD Servo control section (XT-UXG6)

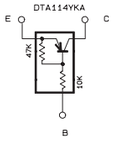


■Tuner section (XT-UXG6 except Ver.J)



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
2. ALL RSISTORS ARE 1/8 5% METAL GLAGE RESISTOR.
3. ALL RESISTANCE VALUES ARE IN OHM(Ω
4. ALL CAPACITANCE VALUES ARE IN μF(P=pF).
5. ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
6. SI. DIODES(▶|)ARE ALL 1SS254 THAT CAN BE CHANGED TO SIMILAR DIODE SUCH AS MA165 OR HSS104TJ
7. PARTS NO. OF TRANSISTORS ARE AS FOLLOWS.
   Q1 2SC2668/O/ Q7. 8 2SA1037K/R/
   Q6 DTA114YKA
8. INSIDE OF DIGITAL TRANSISTORS ARE SHOWN AS FOLLOWS.



9. LAST NO. BLANK NO.
   R 99 R 3~9. 11. 14~19. 26. 28. 33. 40 41. 47. 49~51. 53. 58~65. 67. 70~97
   C 91 C 7. 8. 10. 11. 15~20. 22~29. 31. 38. 43 48. 53~59. 64. 67. 73~90

	CONDITION PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
IC1	FM NO SIGNAL	2.0	0.5	0	2.0	5.1	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.4	3.7	3.7	1.4	0	1.3	1.1	2.0	2.0	5.1	2.0
	FM 60dB STEREO	2.0	0.5	0	2.0	5.1	5.1	1.1	0	0.3	0	0	1.1	1.1	4.3	4.1	3.7	1.4	0	1.4	1.1	2.0	2.0	5.1	2.0
	AM NO SIGNAL	2.0	0.5	0	2.0	5.1	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.5	0.1	0	1.4	1.4	1.5	1.6	2.0	2.0	5.1	2.0
IC2	FM NO SIGNAL	2.4	0	0	1.1	5.0	1.1	3.7	3.7	0	0	5.1	0	0	0	0	2.6	5.1	1.0	1.0	3.7	0	2.7		

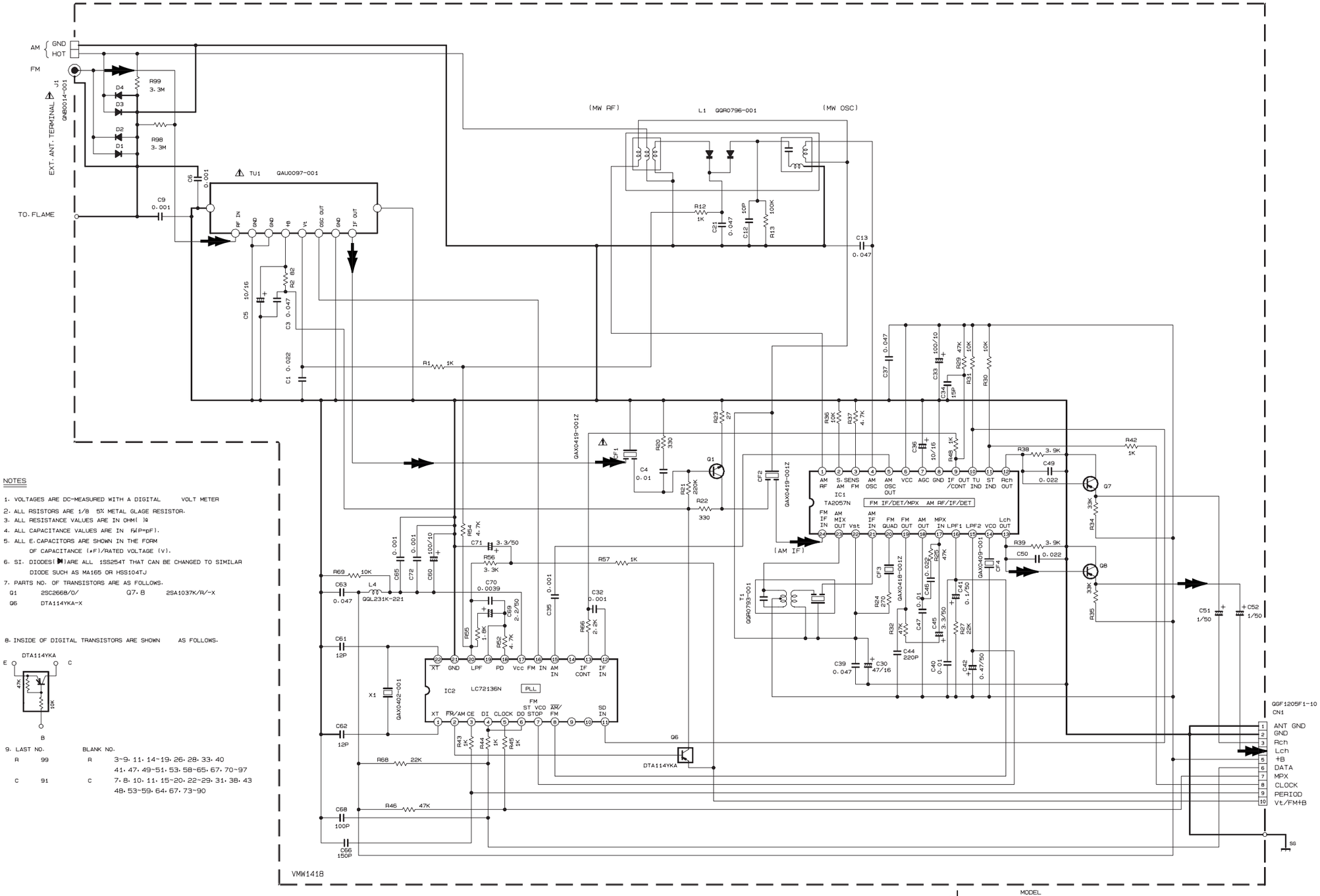
Tr No.	Q1			Q6			Q7			Q8		
PIN NAME	E	C	B	E	C	B	E	C	B	E	C	B
FM 87.5MHz	0	7.5	0.7	8.8	8.8	0	1.6	0	1.1	1.6	0	1.1
AM 520KHz	0	0	0	8.8	0	8.7	1.6	0	1.1	1.6	0	1.1

MODEL
XT-UXG6

U/UB/US/UX/UP/UF

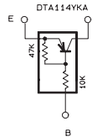
FM/Tuner signal

■Tuner section (XT-UXG6 only Ver.J)



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
2. ALL RSISTORS ARE 1/8 5% METAL GLAGE RESISTOR.
3. ALL RESISTANCE VALUES ARE IN OHM( )Ω
4. ALL CAPACITANCE VALUES ARE IN F(P=pF).
5. ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
6. SI. DIODES( )ARE ALL 1SS254T THAT CAN BE CHANGED TO SIMILAR DIODE SUCH AS MA165 OR HSS104TJ
7. PARTS NO. OF TRANSISTORS ARE AS FOLLOWS.
   Q1 2SC2668/O/ Q7.8 2SA1037K/R/-X
   Q6 DTA114YKA-X
8. INSIDE OF DIGITAL TRANSISTORS ARE SHOWN AS FOLLOWS.



9. LAST NO. BLANK NO.
   R 99 R 3~9. 11. 14~19. 26. 28. 33. 40 41. 47. 49~51. 53. 58~65. 67. 70~97
   C 91 C 7. 8. 10. 11. 15~20. 22~29. 31. 38. 43 48. 53~59. 64. 67. 73~90

	CONDITION PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
IC1	FM NO SIGNAL	2.0	0.5	0	2.0	5.1	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.4	3.7	3.7	1.4	0	1.3	1.1	2.0	2.0	5.1	2.0
	FM 60dB STEREO	2.0	0.5	0	2.0	5.1	5.1	1.1	0	0.3	0	0	1.1	1.1	4.3	4.1	3.7	1.4	0	1.4	1.1	2.0	2.0	5.1	2.0
	AM NO SIGNAL	2.0	0.5	0	2.0	5.1	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.5	0.1	0	1.4	1.4	1.5	1.6	2.0	2.0	5.1	2.0
IC2	FM NO SIGNAL	2.4	0	0	1.1	5.0	1.1	3.7	3.7	0	0	5.1	0	0	0	0	2.6	5.1	1.0	1.0	3.7	0	2.7		

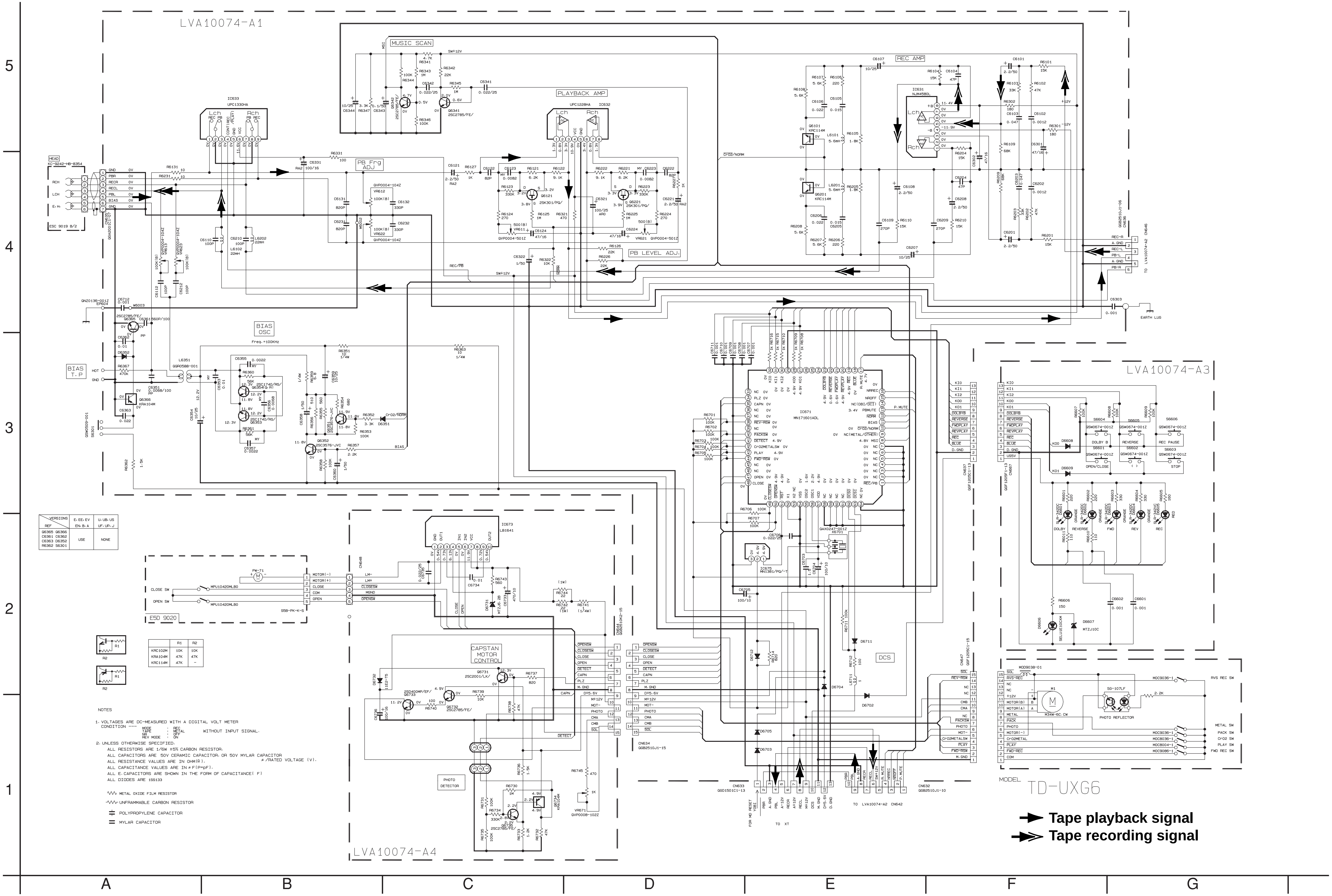
Tr No.	Q1			Q6			Q7			Q8		
PIN NAME	E	C	B	E	C	B	E	C	B	E	C	B
FM 87.5MHz	0	7.5	0.7	8.8	8.8	0	1.6	0	1.1	1.6	0	1.1
AM 520KHz	0	0	0	8.8	0	8.7	1.6	0	1.1	1.6	0	1.1

J

MODEL
XT-UXG6

FM/Tuner signal

■Head AMP. & Mechanism control section (TD-UXG6)



VERSIONS / REF	E, EE, EV EN, B, A	U, UB, US UF, UP, J
Q6365 Q6366 C6361 C6362 C6363 D6352 R6362 S6301	USE	NONE

	R1	R2
KRC102M	10K	10K
KRA104M	47K	47K
KRC114M	47K	-

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
   CONDITION --- MODE : REC, TAPE : METAL, NR : OFF, REV MODE : ON — WITHOUT INPUT SIGNAL.
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/6W ±5% CARBON RESISTOR.
   ALL CAPACITORS ARE 50V CERAMIC CAPACITOR, OR 50V MYLAR CAPACITOR
   μ/RATED VOLTAGE (V).
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(F)
   ALL DIODES ARE 1SS133

METAL OXIDE FILM RESISTOR

UNFRAMMABLE CARBON RESISTOR

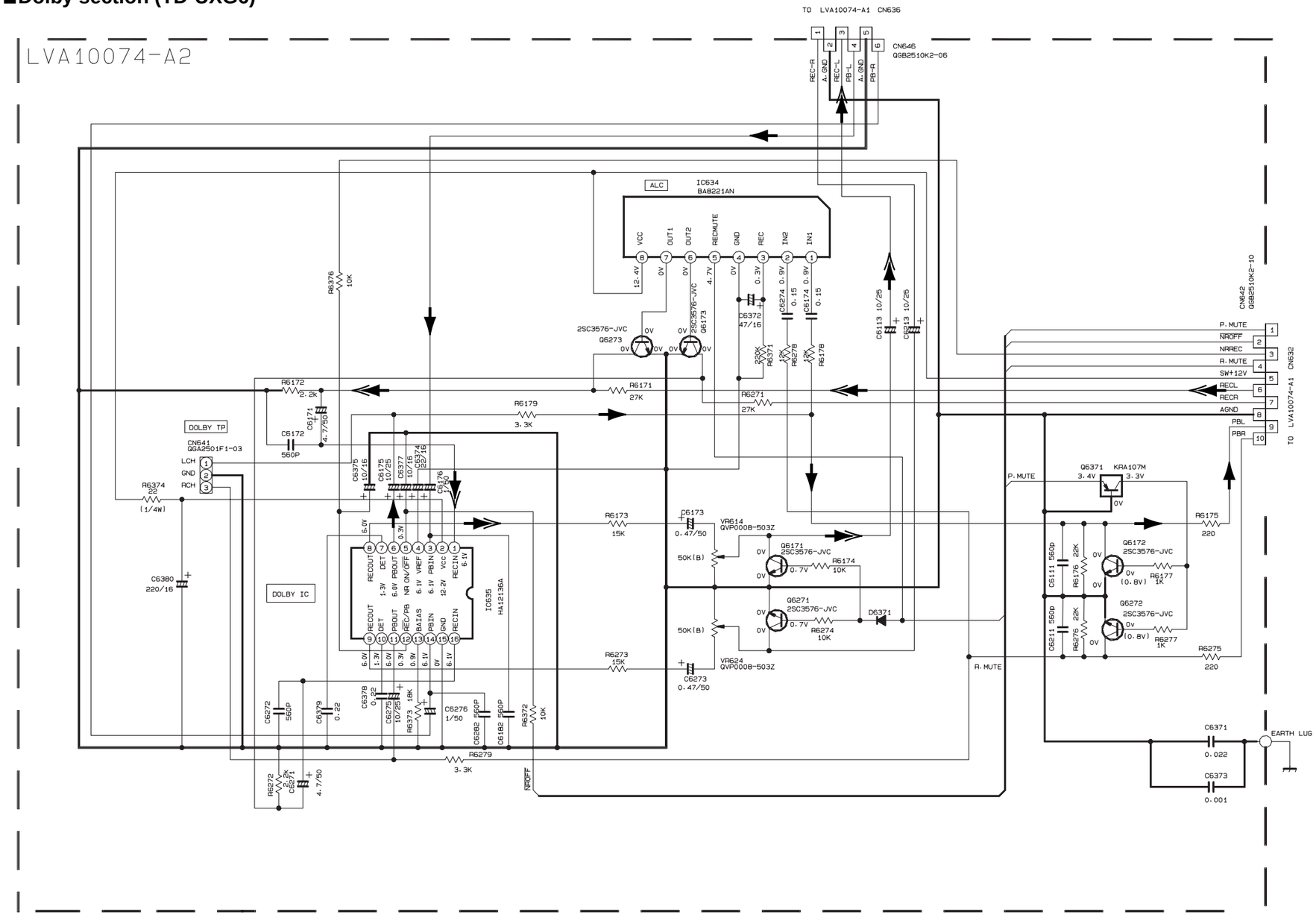
POLYPROPYLENE CAPACITOR

MYLAR CAPACITOR

Tape playback signal

Tape recording signal

■Dolby section (TD-UXG6)



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
   CONDITION ---- MODE : REC
   TAPE : METAL
   NR : OFF
   REV MODE : ON

2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/6W ±5% CARBON RESISTOR.
   ALL CAPACITORS ARE 50V CERAMIC CAPACITOR. OR 50V MYLAR CAPACITOR
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
   ALL DIODES ARE 1SS133

   FUSIBLE RESISTOR

   PP POLYPROPYLENE CAPACITOR
   MY MYLAR CAPACITOR

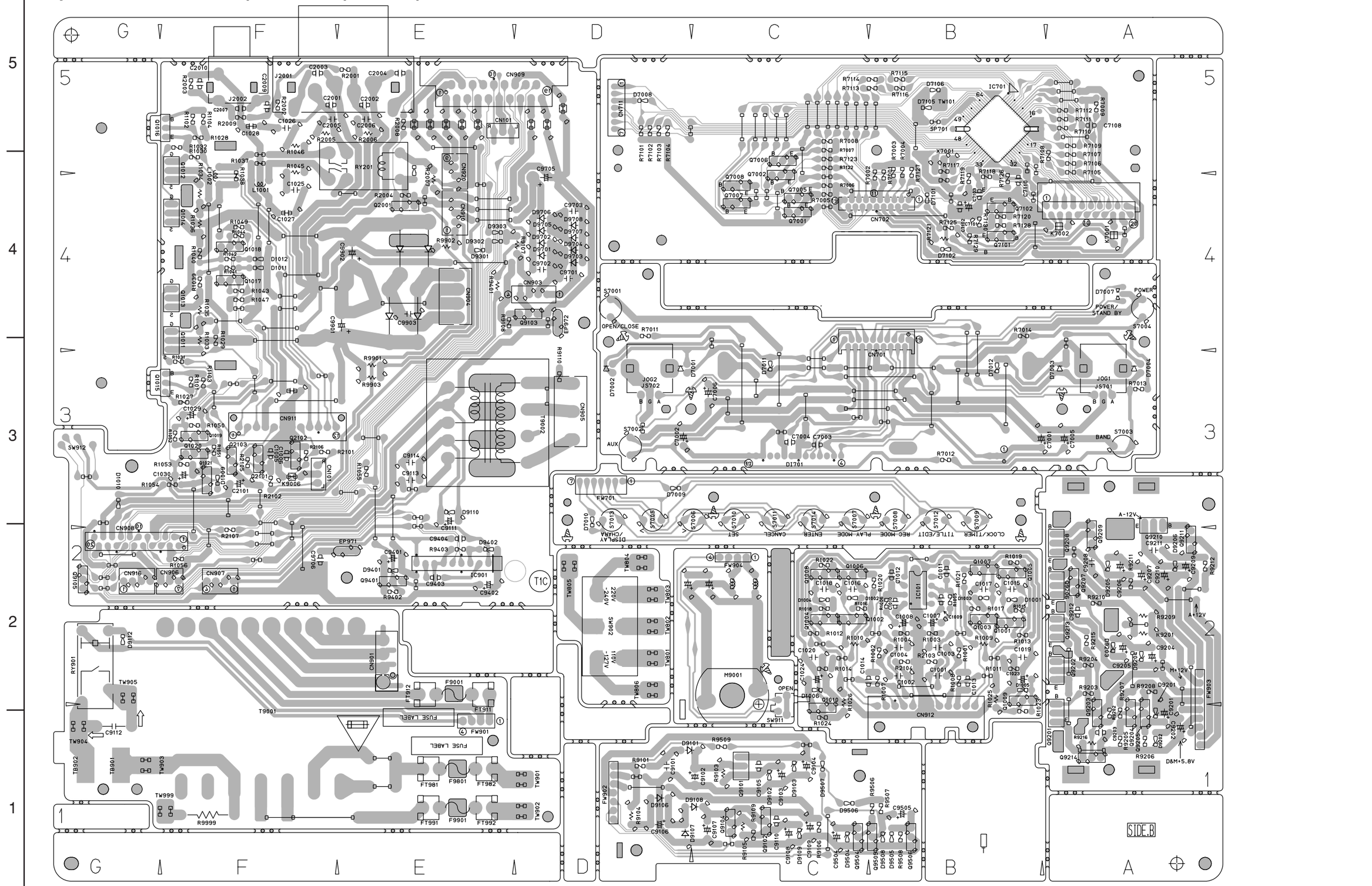
10K
47K
KRA107M

MODEL TD-UXG6

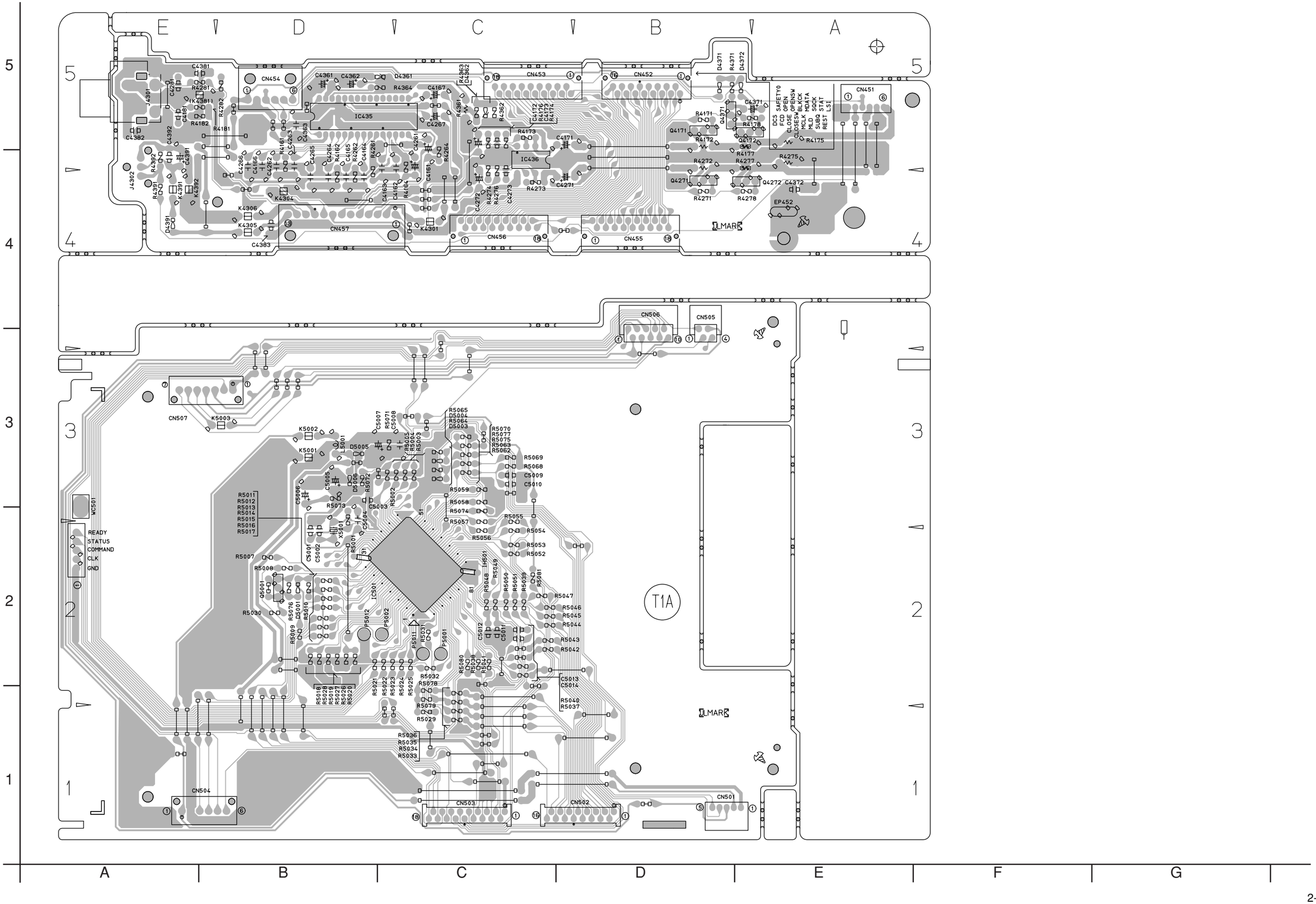
Tape playback signal
Tape recording signal

Printed circuit boards

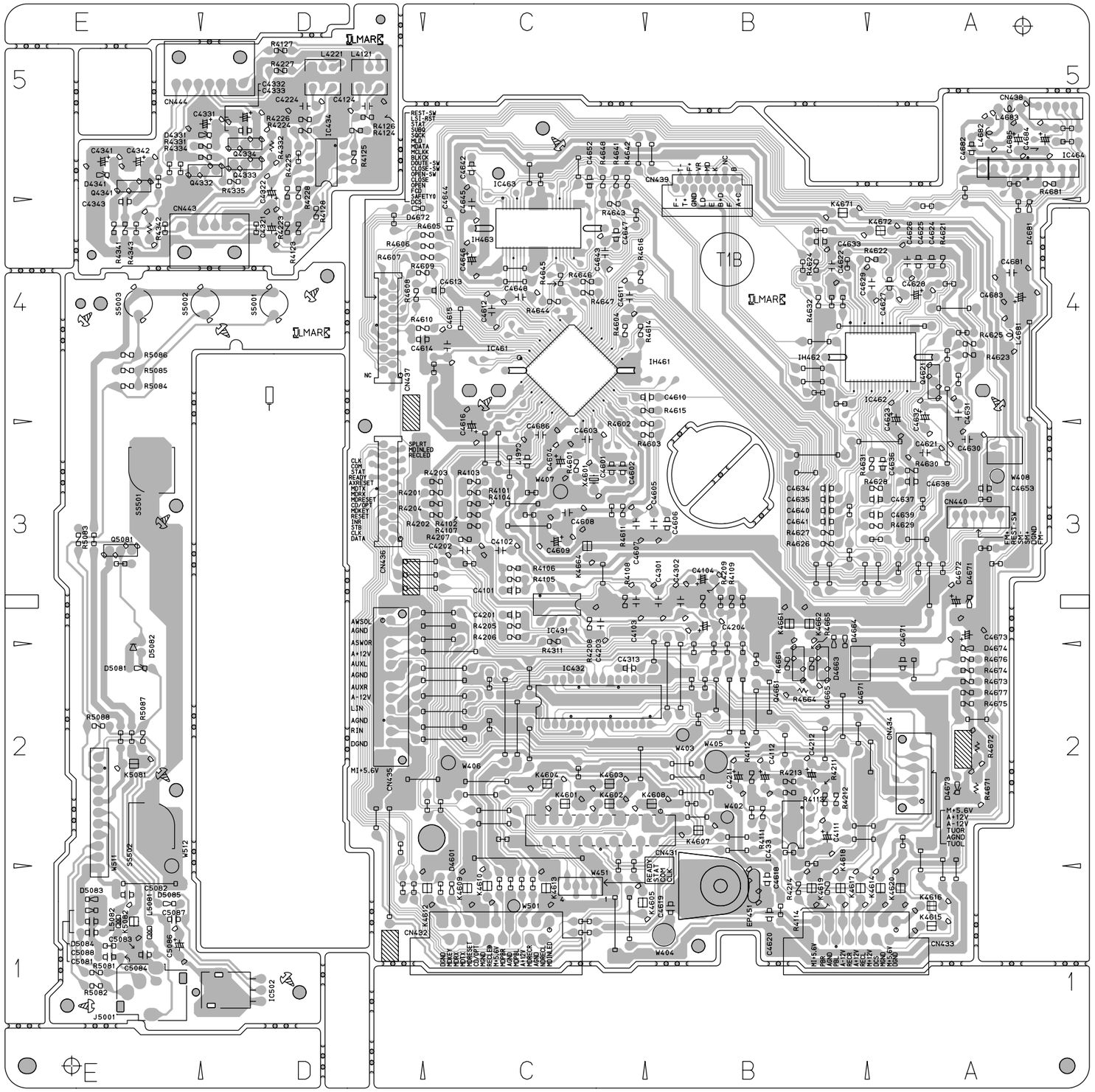
■System control & Main amplifier board (AX-UXG6)



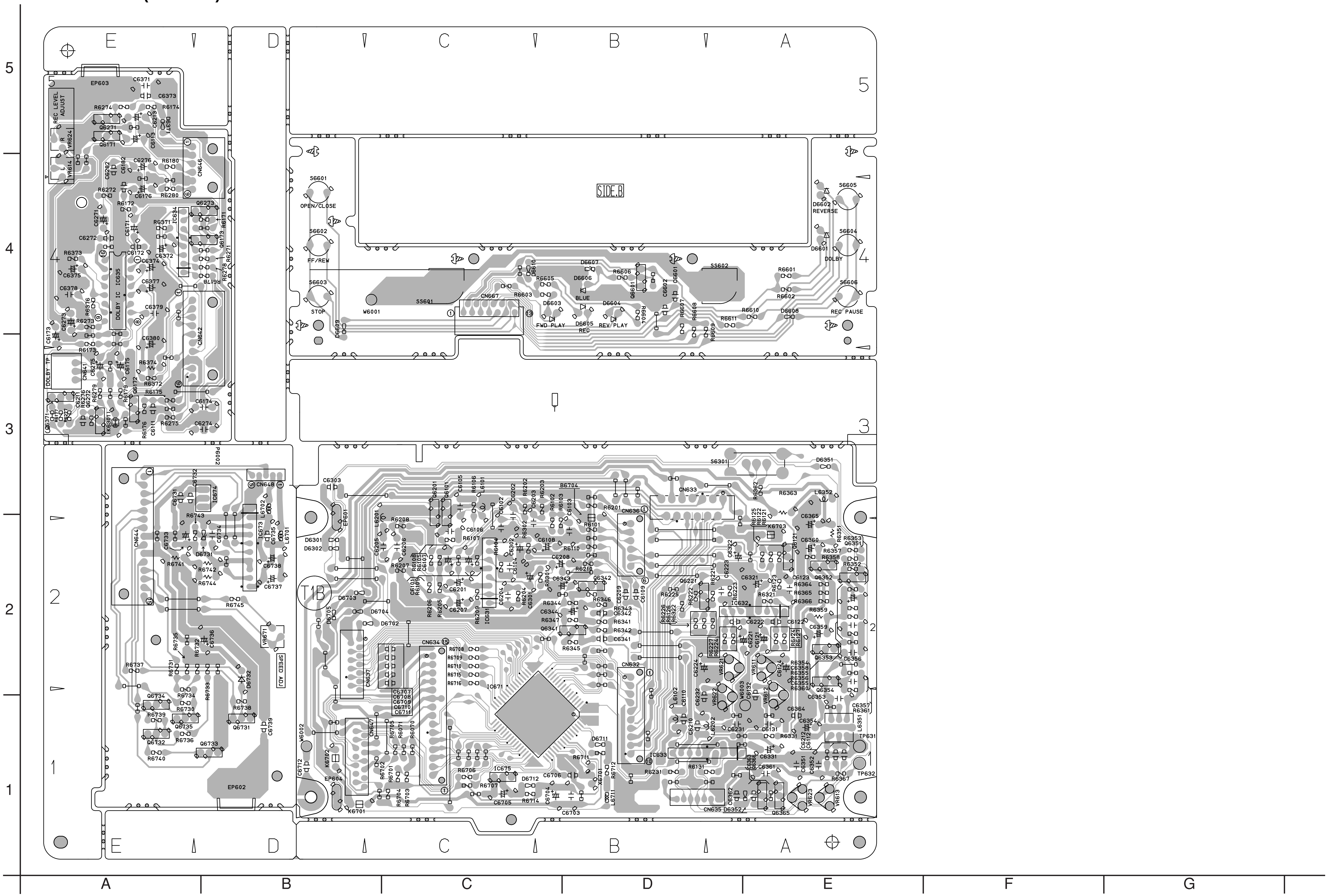
■System control & Analog IN / digital OUT board (XT-UXG6)



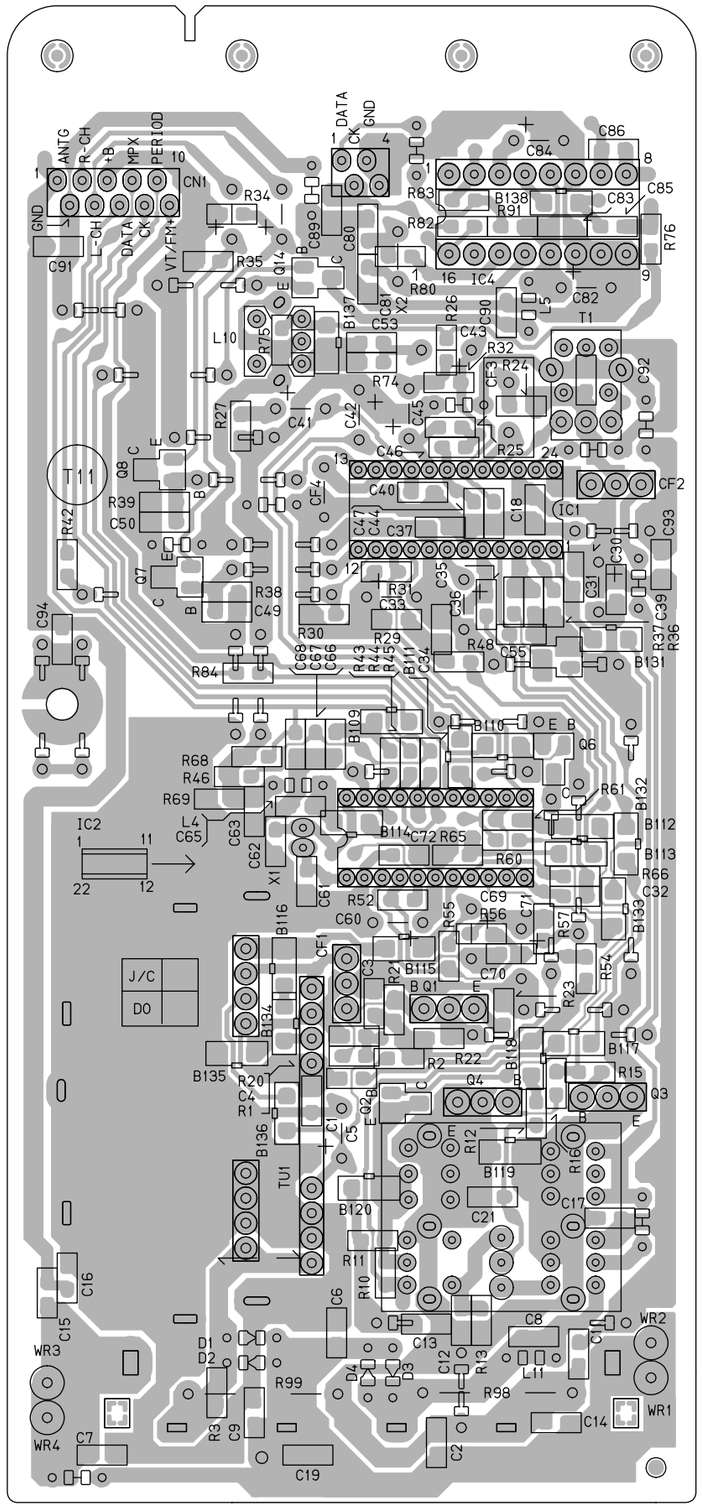
■CD Servo & Main board (XT-UXG6)



■Main board (TD-UXG6)



■Tuner board (TD-UXG6)



PARTS LIST

[UX-G6]

AX-UXG6

XT-UXG6

TD-UXG6

* All printed circuit boards and its assemblies are not available as service parts.

Area Suffix (UX-G6)

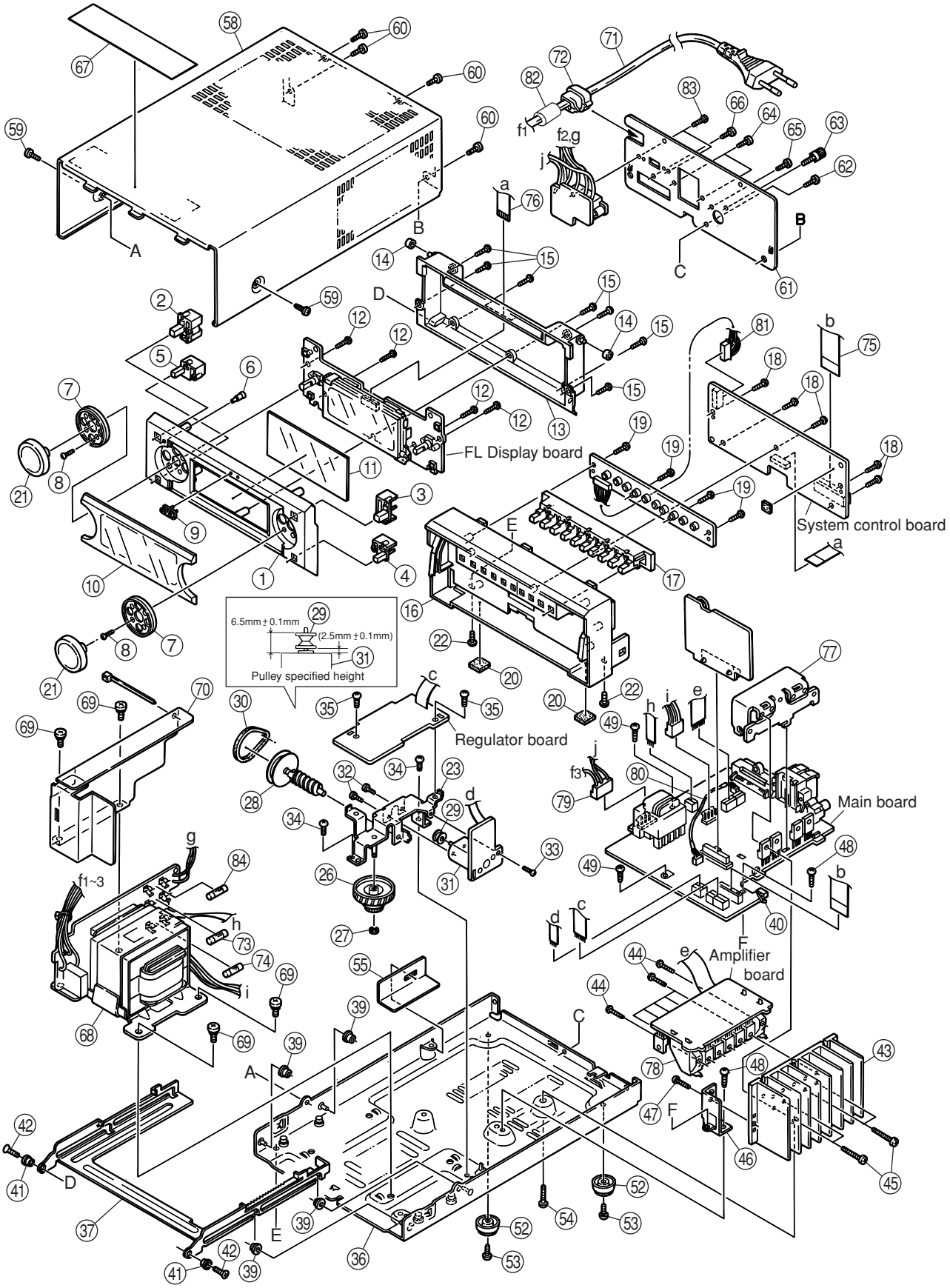
UB ..... Hong Kong
UP ..... Korea
U ..... Other Areas

- Contents -

Exploded view of general assembly and parts list

AX-UXG6

Block: No. M 1 M M



■Parts list (AX-UXG6 General assembly)

Block No. M1MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	1	LV10268-003A	FRONT PANEL	1		
	2	LV41290-002A	PUSH BUTTON	1	POWER PLATING	
	3	LV41291-002A	PUSH BUTTON	1	OP/CL PLATING	
	4	LV41292-002A	PUSH BUTTON	1	AUX PLATING	
	5	LV41293-002A	PUSH BUTTON	1	BAND PLATING	
	6	LV41327-001A	INDICATOR	1		
	7	LV31445-001A	INDICATOR	2	FOR M.JOG/VOL	
	8	QYSBSF2608Z	T.SCREW	2	FOR INDICATOR	
	9	E406971-222	JVC MARK	1		
	10	LV31437-002A	FL LENS	1		
	11	LV40220-006A	FILTER	1		
	12	QYSBSF2608Z	T.SCREW	4	FOR SW PWB	
	13	LV10269-001A	FRONT COVER	1		
	14	LV41302-001A	COLLOR(B)	2		
	15	QYSBSF2608M	SCREW	7	FOR F.PANEL	
	16	LV10266-002A	FRONT BASE	1		
	17	LV20519-001A	EDIT BUTTON	1		
	18	QYSBSF2608Z	T.SCREW	5	FOR MICON PWB	
	19	QYSBSF2608Z	T.SCREW	4	FOR EDIT SW PWB	
	20	E75896-002	FELT SPACER	2	FOR FOOT	
	21	LV31444-001A	JOG KNOB	2		
	22	QYSBST3006Z	T.SCREW	2	FOR F.BASE+B.CHASSIS	
	23	LV31489-001A	MOTOR BKT ASS'Y	1		
	26	LV41304-001A	WORM WHEEL	1		
	27	QYREE2000X	E RING	1		
	28	VYH8090-001SC	GEAR 1	1		
	29	LV41303-001A	PULLY	1		
	30	VKB3000-183	BELT	1		
	31	PWN10EB12A5	DC.MOTOR	1		
	32	QYSPSPT2020Z	MINI SCREW	2	FOR MOTOR	
	33	QYSBST2005Z	T.SCREW	1	FOR PWB+M.BKT	
	34	QYSBST3006Z	T.SCREW	2	FOR B.CHAS+M.BK	
	35	QYSBST3006Z	T.SCREW	2	FOR M.BKT+PWB	
	36	LV10289-001A	B.CHASSIS ASS'Y	1		
	37	LV20518-001A	ARM BRACKET	1		
	39	LV41301-001A	COLLOR(A)	4		
	40	QSW0874-001	SWITCH	1	SW912	
	41	LV41305-001A	COLLOR(C)	2		
	42	QYSSSF2608Z	SCREW	2		
	43	LV31442-001A	HEAT SINK	1		
	44	QYSBSF2608Z	T.SCREW	7	FOR LV31446-001	
	45	QYSDSF2612E	SCREW	4	FOR LV31447-001	
	46	LV31443-001A	HEAT SINK BKT	1		
	47	QYSBSF2608Z	T.SCREW	1	H.S.BKT+H.SINK	
	48	QYSBST3006Z	T.SCREW	1	H.S.BKT+B.CHASSIS	
	49	QYSBST3006Z	T.SCREW	2	B.CHASSIS+PWB	
	50	QYSBST3006Z	T.SCREW	1	H.S.BKT+PWB	
	52	E47227-029	FOOT	2		

■Parts list (AX-UXG6 General assembly)

Block No. M1MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	53	QYSBST3006Z	T.SCREW	2	FOR FOOT	
	54	QYSBSG3010E	T.SCREW	1	FOR HEAT SINK	
	55	LV41621-001A	BARRIER(B)	1	FOR HEAT SINK	
	58	LV10273-001A/S/	METAL COVER	1		
	59	QYSDSG3008N	T.SCREW	2	M.COVER+B.CHASSIS	
	60	QYSDSG3008N	T.SCREW	4	M.COVER+R.PANEL	
	61	LV20526-018A	REAR PANEL	1		UP
		LV20526-012A	REAR PANEL	1		U,UB
	62	QYSDSG3008N	T.SCREW	1		
	63	E409257-001	GND TERMINAL	1		
	64	QYSDSG3008N	T.SCREW	2	FOR SPK TERMINAL	
	65	QYSDSG3008N	T.SCREW	1	FOR SUB WOOFER	
	66	QYSDSG3008N	T.SCREW	1	FOR SYS.CONNECT	
	67	LV41755-001A	CAUTION LABEL	1		
⚠	68	QQT0273-004	POWER TRANSF	1	T001	
	69	QYSDSTL4008E	SPECIAL SCREW	4	FOR TRANS	
	70	LV31816-002A	BARRIER(A)	1	FOR TRANS	
⚠	71	QMPK090-205-JN	POWER CORD	1		U
⚠		QMPN100-200-JD	POWER CORD	1		UB
⚠		EMP7000-200	POWER CORD	1		UP
	72	QZW0033-001	STRAIN RELIEF	1		
⚠	73	QMF51E2-R50-J1	FUSE	1	F9801	
⚠	74	QMF51E2-2R5-J1	FUSE	1	F9001	
	75	QUQB12-2018BJ	FFC WIRE	1		
	76	QUQ810-1911AJ	FFC WIRE	1		
	77	LV31447-001A	HOLDER	1	FOR Q1011-Q1014	
	78	LV31446-001A	IC BRACKET	1	FOR Q9201-	
	79	WJK0081-001A	E-SI C WIRE C-B	1		UP
		WJK0075-001A	E-SI C WIRE C-B	1		U,UB
	80	QJQ007-032001	SHI CR B-B WIRE	1		
	81	QJK018-070907	SIN CR C-B WIRE	1		
	82	QQR0216-001	NOISE FILTER	1		
	83	QYSBSG2608M	T.SCREW	2		U,UB
⚠	84	QMF51E2-1R0-J1	FUSE	1	F9901	U,UB

■Electrical parts list (System control & Main amplifier board) Block No. 01

⚠	Item	Parts number	Parts name	Remarks	Area
	CN701	QGF1016F3-19	CONNECTOR		
	CN702	QGF1016C1-19	CONNECTOR		
	CN704	QGF1201F3-20	FFC/FPC CONNE		
	CN711	QGA2001C1-07	7P PLUG ASSY		
	CN901	QJK024-041504	SIN CR C-B WIRE		
	CN903	QGA2501C3-04Z	CONNECTOR		
	CN904	QGA3901C1-04	4P CONNECTOR		
	CN905	QGA7901C1-03	CONNECTOR		
	CN906	QGD2501C1-03Z	SOCKET	CN906	
	CN907	QGD2501C1-04Z	SOCKET	DOOR OPEN/CLOSE	
	CN908	QGF1201C3-20	FFC/FPC CONNE	TO FRONT(CN704)	
	CN909	QGA1502F1-19	19P CONNECTOR	TO XT-UXG6	
	CN910	QGD2501C1-05Z	SOCKET	CN910	
	CN911	QGB2510J1-12	CONNECTOR		
	CN912	QGB2510K2-12	CONNECTOR		
	CN916	QGD2501C1-04Z	SOCKET	CN906	
	CN920	QGD2501C1-04Z	SOCKET	CN910	
	C1001	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1002	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1003	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1004	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1007	QTE1E28-476Z	E CAPACITOR		
	C1008	QTE1E28-476Z	E CAPACITOR		
	C1009	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C1010	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C1011	QCS11HJ-150	C CAPACITOR	15PF 5% 50V	
	C1012	QCS11HJ-150	C CAPACITOR	15PF 5% 50V	
	C1013	QCS11HJ-270	C CAPACITOR	27PF 5% 50V	
	C1014	QCS11HJ-270	C CAPACITOR	27PF 5% 50V	
	C1015	QCS11HJ-470	C CAPACITOR	47PF 5% 50V	
	C1016	QCS11HJ-470	C CAPACITOR	47PF 5% 50V	
	C1017	QCS11HJ-470	C CAPACITOR	47PF 5% 50V	
	C1018	QCS11HJ-470	C CAPACITOR	47PF 5% 50V	
	C1019	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1020	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1023	QER61EM-226Z	E CAPACITOR	22MF 20% 25V	
	C1024	QTE1E28-226Z	E CAPACITOR		
	C1025	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1026	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1027	QFLC1HJ-104Z	M CAPACITOR	.10MF 5% 50V	
	C1028	QFLC1HJ-104Z	M CAPACITOR	.10MF 5% 50V	
	C1029	QER61EM-106Z	E CAPACITOR	10MF 20% 25V	
	C1030	QETC1EM-476Z	E CAPACITOR	47MF 20% 25V	
	C2010	QDGB1HK-102Y	C CAPACITOR		
	C2101	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C7001	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C7002	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C7003	QDVB1EZ-223Y	C CAPACITOR		
	C7004	QCBB1HK-223Y	C CAPACITOR	.022MF 10% 50V	
	C7005	QETC0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C7006	QER61HM-106Z	E CAPACITOR	10MF 20% 50V	
	C7101	QETC0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C7102	QDVB1EZ-223Y	C CAPACITOR		
	C7103	QDVB1EZ-223Y	C CAPACITOR		
	C7108	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C7110	QDXB1CM-222Y	C.CAPA IM		
	C9101	QCF11HZ-103	C CAPACITOR	.010MF +80:-20%	
	C9102	QETM1EM-108	E CAPACITOR	1000MF 20% 25V	
	C9103	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C9104	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C9105	QDYB1CM-103Y	C.CAPACITOR		
	C9106	QETC1HM-227Z	E CAPACITOR	220MF 20% 50V	
	C9107	QETC1HM-107Z	E CAPACITOR	100MF 20% 50V	

⚠	Item	Parts number	Parts name	Remarks	Area
	C9108	QETC1HM-226Z	E CAPACITOR	22MF 20% 50V	
	C9109	QETC1HM-226Z	E CAPACITOR	22MF 20% 50V	
	C9110	QDYB1CM-103Y	C.CAPACITOR		
	C9111	QER61HM-475Z	E CAPACITOR	4.7MF 20% 50V	
⚠	C9112	QCZ9019-472	C CAPACITOR	4700PF	
	C9113	QFVF1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C9114	QFVF1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C9201	QTE1E28-476Z	E CAPACITOR		
	C9202	QTE1C06-476Z	E CAPACITOR		
	C9203	QDYB1CM-103Y	C CAPACITOR		
	C9204	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C9205	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C9206	QTE1C28-476Z	E CAPACITOR		
	C9207	QTE1C28-476Z	E CAPACITOR		
	C9208	QFZ0202-103Z	M CAPACITOR	.010MF	
	C9209	QTE1C28-476Z	E CAPACITOR		
	C9210	QTE1C28-476Z	E CAPACITOR		
	C9211	QFZ0202-103Z	M CAPACITOR	.010MF	
	C9212	QDYB1CM-103Y	C CAPACITOR		
	C9401	QETC1CM-226Z-JB	E CAPACITOR	22MF 20% 16V	
	C9402	QER61CM-226Z	E CAPACITOR	22MF 20% 16V	
	C9403	QDYB1CM-103Y	C.CAPACITOR		
	C9404	QDYB1CM-103Y	C.CAPACITOR		
	C9504	QETC1HM-225Z-JB	E CAPACITOR	2.2MF 20% 50V	
	C9505	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C9701	QCF11HZ-103	C CAPACITOR	.010MF +80:-20%	
	C9705	QETM1EM-688	E CAPACITOR	6800MF 20% 25V	
	C9706	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C9901	QTE1V27-338	E CAPACITOR		
	C9902	QTE1V27-338	E CAPACITOR		
	C9903	QCF11HZ-103	C CAPACITOR	.010MF +80:-20%	
	DI701	QLF0067-001	FL TUBE		
	D1001	1SS133-T2	SI DIODE		
	D1002	1SS133-T2	SI DIODE		
	D1003	1SS133-T2	SI DIODE		
	D1004	1SS133-T2	SI DIODE		
	D1005	MTZJ18C-T2	Z.DIODE	+18V	
	D1006	MTZJ18C-T2	Z.DIODE	-18V	
	D1009	1SS133-T2	SI DIODE		
	D1010	1SS133-T2	SI DIODE		
	D1011	1SS133-T2	SI DIODE		
	D1012	1SS133-T2	SI DIODE		
	D2001	1SS133-T2	SI DIODE		
	D7001	SELU1E10CXM	LED	JOG2 BLUE	
	D7002	SELU1E10CXM	LED	JOG2 BLUE	
	D7003	SELU1E10CXM	LED	JOG1 BLUE	
	D7004	SELU1E10CXM	LED	JOG1 BLUE	
	D7007	SPR-39MVWF	LED	STBY/POWER LED	
	D7008	1SS133-T2	SI DIODE		
	D7009	1SS133-T2	SI DIODE		
	D7010	1SS133-T2	SI DIODE		
	D7011	MTZJ7.5A-T2	Z.DIODE	FOR BLUE LED	
	D7012	MTZJ7.5A-T2	Z.DIODE	FOR BLUE LED	
	D7101	1SS133-T2	SI DIODE		
	D7102	1SS133-T2	SI DIODE		
	D7105	1SS133-T2	SI DIODE		
	D7106	1SS133-T2	SI DIODE		
⚠	D9101	1SR35-400A-T5	DIODE		
	D9102	MTZJ6.2C-T2	Z.DIODE		
⚠	D9103	MTZJ7.5A-T2	Z.DIODE		
⚠	D9106	1SR35-400A-T5	DIODE		
⚠	D9107	1SR35-400A-T5	DIODE		
⚠	D9108	1SR35-400A-T5	DIODE		

■Electrical parts list (System control & Main amplifier board) Block No. 01

⚠	Item	Parts number	Parts name	Remarks	Area
	D9109	MTZJ33C-T2	Z DIODE		
	D9110	MTZJ5.1C-T2	ZENER DIODE		
	D9112	1SS133-T2	SI DIODE		
⚠	D9201	MTZJ3.3A-T2	ZENER DIODE		
⚠	D9202	MTZJ8.2C-T2	ZENER DIODE		
⚠	D9203	MTZJ11C-T2	ZENER DIODE		
⚠	D9204	MTZJ13C-T2	ZENER DIODE		
	D9205	MTZJ13C-T2	ZENER DIODE		
	D9206	MTZJ13C-T2	ZENER DIODE		
	D9301	1SS133-T2	SI DIODE		
	D9302	1SS133-T2	SI DIODE		
	D9303	1SS133-T2	SI DIODE		
	D9401	MTZJ7.5A-T2	ZENER DIODE		
	D9402	MTZJ5.1C-T2	ZENER DIODE		
	D9504	MTZJ5.1A-T2	ZENER DIODE		
	D9505	1SS133-T2	SI DIODE		
	D9506	1SS133-T2	SI DIODE		
	D9507	1SS133-T2	SI DIODE		
	D9508	MTZJ5.1A-T2	ZENER DIODE		
⚠	D9701	11E2-T5	DIODE		
⚠	D9702	11E2-T5	DIODE		
⚠	D9703	11E2-T5	DIODE		
⚠	D9704	11E2-T5	DIODE		
⚠	D9705	11E2-T5	DIODE		
⚠	D9706	11E2-T5	DIODE		
⚠	D9707	11E2-T5	DIODE		
⚠	D9708	11E2-T5	DIODE		
⚠	D9901	1N5401-TM	DIODE		
⚠	D9902	1N5401-TM	DIODE		
⚠	D9903	1N5401-TM	DIODE		
⚠	D9904	1N5401-TM	DIODE		
	EP971	QNZ0136-001Z	EARTH PLATE		
	EP972	QNZ0136-001Z	EARTH PLATE		
	FH701	LV31441-001A	FL HOLDER		
	FT911	QNG0020-001Z	FUSE CLIP	FOR F9001	
	FT912	QNG0020-001Z	FUSE CLIP	FOR F9001	
	FT981	QNG0020-001Z	FUSE CLIP	FOR F9801	
	FT982	QNG0020-001Z	FUSE CLIP	FOR F9801	
	FT991	QNG0020-001Z	FUSE CLIP	FOR F9901	U,UB
	FT992	QNG0020-001Z	FUSE CLIP	FOR F9901	U,UB
	FW901	WJK0082-001A	E-SI C WIRE C-B		
	FW902	QUM027-08DGZ4	PARA RIBON WIRE		
	FW903	QUM029-09DGZ4	PARA RIBON WIRE		
	FW904	QUM024-12DGZ4	PARA RIBON WIRE		
	IC101	NJM5532D	IC		
	IC701	UPD780023AGKA15	IC		
	IC901	LB1641	IC		
	JS701	QSW0739-001	R ENCODER	JOG1	
	JS702	QSW0739-001	R ENCODER	JOG2(VOL)	
	J2001	QNB0082-001	SPK TERMINAL		
	J2002	QNN0017-001	PIN JACK	BASS OUT	
	K7001	QQR0601-001Z	F.BEADS I.M	MI+5.6V	
	K7002	QQR0601-001Z	F.BEADS I.M	DGND	
	L1001	QQLZ005-R45	INDUCTOR		
	L1002	QQLZ005-R45	INDUCTOR		
	Q1001	2SC2240/G/-T	TRANSISTOR		
	Q1002	2SC2240/G/-T	TRANSISTOR		
	Q1003	2SA970/G/-T	TRANSISTOR		
	Q1004	2SA970/G/-T	TRANSISTOR		
	Q1005	2SA970/G/-T	TRANSISTOR		
	Q1006	2SA970/G/-T	TRANSISTOR		
	Q1007	2SC2240/G/-T	TRANSISTOR		
	Q1008	2SC2240/G/-T	TRANSISTOR		

⚠	Item	Parts number	Parts name	Remarks	Area
	Q1009	2SC2240/GL/-T	TRANSISTOR	+18V	
	Q1010	2SA970/GL/-T	TRANSISTOR	-18V	
⚠	Q1011	2SK2382	F.E.T.		U,UB
⚠	Q1011	2SK2381	F.E.T.		UP
⚠	Q1012	2SK2381	F.E.T.		UP
⚠	Q1012	2SK2382	F.E.T.		U,UB
⚠	Q1013	2SJ334	F.E.T.		U,UB
⚠	Q1013	2SJ407	F.E.T.		UP
⚠	Q1014	2SJ407	F.E.T.		UP
⚠	Q1014	2SJ334	F.E.T.		U,UB
	Q1015	2SD637/QR/	TRANSISTOR		
	Q1016	2SD637/QR/	TRANSISTOR		
	Q1017	2SA970/GL/-T	TRANSISTOR		
	Q1018	2SA970/GL/-T	TRANSISTOR		
	Q1019	KTC3199/GL/-T	TRANSISTOR		
	Q1020	2SA733/QP/-T	TRANSISTOR		
	Q1021	KTC3199/GL/-T	TRANSISTOR		
	Q2001	2SC945/QP/-T	TRANSISTOR		
	Q2101	2SC3576-JVC-T	TRANSISTOR		
	Q2102	2SC3576-JVC-T	TRANSISTOR		
	Q2103	KRA104M-T	D.TRANSISTOR		
	Q7001	KRC107M-T	D.TRANSISTOR	JOG2 BLUE	
	Q7002	KRC107M-T	D.TRANSISTOR	JOG1 BLUE	
	Q7005	KRC107M-T	D.TRANSISTOR	LED DIMER	
	Q7006	KRC107M-T	D.TRANSISTOR	LED DIMER	
	Q7101	2SC3576-JVC-T	TRANSISTOR	FL ON/OFF	
	Q7102	2SC3576-JVC-T	TRANSISTOR	FL ON/OFF	
⚠	Q9101	2SD2394/EF/	TRANSISTOR		
⚠	Q9102	2SD400MP/EF/-T	TRANSISTOR		
	Q9103	KTC3199/GL/-T	TRANSISTOR		
	Q9104	KRA102M-T	D.TRANSISTOR		
	Q9105	KRC104M-T	D.TRANSISTOR		
⚠	Q9201	2SD2394/EF/	TRANSISTOR		
⚠	Q9202	2SD2394/EF/	TRANSISTOR		
	Q9203	KTC3199/GL/-T	TRANSISTOR		
	Q9204	KTC3199/GL/-T	TRANSISTOR		
	Q9205	KTC3199/GL/-T	TRANSISTOR		
⚠	Q9206	2SD2394/EF/	TRANSISTOR		
	Q9207	KTC3199/GL/-T	TRANSISTOR		
⚠	Q9208	2SD2394/EF/	TRANSISTOR		
	Q9209	2SC2240/GL/-T	TRANSISTOR		
⚠	Q9210	2SB1565/EF/	TRANSISTOR		
	Q9211	2SA970/GL/-T	TRANSISTOR		
⚠	Q9213	2SD2394/EF/	TRANSISTOR		
	Q9401	2SD400MP/EF/-T	TRANSISTOR		
	Q9504	KRC107M-T	D.TRANSISTOR		
	Q9505	KRC107M-T	D.TRANSISTOR		
	Q9506	KRC107M-T	D.TRANSISTOR		
	RY201	QSK0115-001	RELAY		
⚠	RY901	QSK0113-001	RELAY		
	R1001	QRE141J-912Y	C RESISTOR	9.1K 5% 1/4W	
	R1002	QRE141J-912Y	C RESISTOR	9.1K 5% 1/4W	
	R1003	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1004	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1005	QRZ0214-821Y	C RESISTOR	820 1/2W	
	R1006	QRZ0214-821Y	C RESISTOR	820 1/2W	
	R1007	QRZ0214-473Y	C RESISTOR	47K 1/2W	
	R1008	QRZ0214-473Y	C RESISTOR	47K 1/2W	
	R1009	QRJ146J-331X	UNF C.RESISTOR	330 5% 1/4W	
	R1010	QRJ146J-331X	UNF C.RESISTOR	330 5% 1/4W	
	R1011	QRZ0214-472Y	C RESISTOR	4.7K 1/2W	
	R1012	QRZ0214-472Y	C RESISTOR	4.7K 1/2W	
	R1013	QRZ0214-472Y	C RESISTOR	4.7K 1/2W	

■Electrical parts list (System control & Main amplifier board) Block No. 01

⚠	Item	Parts number	Parts name	Remarks	Area
	R1014	QRZ0214-472Y	C RESISTOR	4.7K 1/2W	
	R1015	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R1016	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R1017	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R1018	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R1019	QRE141J-510Y	C RESISTOR	51 5% 1/4W	
	R1020	QRE141J-510Y	C RESISTOR	51 5% 1/4W	
	R1021	QRE141J-510Y	C RESISTOR	51 5% 1/4W	
	R1022	QRE141J-510Y	C RESISTOR	51 5% 1/4W	
	R1023	QRZ0214-102Y	C RESISTOR	1.0K 1/2W	
	R1024	QRZ0214-102Y	C RESISTOR	1.0K 1/2W	
	R1025	QRJ146J-4R7X	UNF C.RESISTOR	+18V	
	R1026	QRJ146J-4R7X	UNF C.RESISTOR	-18V	
	R1027	QRE141J-270Y	C RESISTOR	27 5% 1/4W	
	R1028	QRE141J-270Y	C RESISTOR	27 5% 1/4W	
	R1029	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1030	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1031	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1032	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1033	QRT01DJ-R22X	UNF.MF.RESISTOR	5% 1/1W	
	R1034	QRT01DJ-R22X	UNF.MF.RESISTOR	5% 1/1W	
	R1035	QRT01DJ-R22X	UNF.MF.RESISTOR	5% 1/1W	
	R1036	QRT01DJ-R22X	UNF.MF.RESISTOR	5% 1/1W	
	R1037	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R1038	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R1039	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R1040	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R1041	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R1042	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R1043	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R1044	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R1045	QRJ146J-220X	UNF C.RESISTOR	22 5% 1/4W	
	R1046	QRJ146J-220X	UNF C.RESISTOR	22 5% 1/4W	
	R1047	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1049	QRE141J-823Y	C RESISTOR	82K 5% 1/4W	
	R1050	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1051	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1052	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1053	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1054	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
⚠	R1055	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R1056	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1101	QRE141J-392Y	C RESISTOR	3.9K 5% 1/4W	
	R1102	QRE141J-392Y	C RESISTOR	3.9K 5% 1/4W	
	R1103	QRE141J-511Y	C RESISTOR	510 5% 1/4W	UP
	R1103	QRE141J-751Y	C RESISTOR	750 5% 1/4W	U,UB
	R1104	QRE141J-751Y	C RESISTOR	750 5% 1/4W	U,UB
	R1104	QRE141J-511Y	C RESISTOR	510 5% 1/4W	UP
	R2001	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R2002	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R2003	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R2004	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
⚠	R2007	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
	R2008	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R2009	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R2101	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R2102	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R2103	QRZ0214-223Y	C RESISTOR	22K 1/2W	
	R2104	QRZ0214-223Y	C RESISTOR	22K 1/2W	
	R2105	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R2106	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R2107	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R7001	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	

⚠	Item	Parts number	Parts name	Remarks	Area
	R7002	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7003	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7004	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7005	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R7006	QRE141J-241Y	C RESISTOR	240 5% 1/4W	
	R7007	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R7008	QRE141J-241Y	C RESISTOR	240 5% 1/4W	
	R7011	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R7012	QRE141J-682Y	C RESISTOR	6.8K 5% 1/4W	
	R7013	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R7014	QRE141J-621Y	C RESISTOR	620 5% 1/4W	
	R7101	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R7102	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R7103	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R7104	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R7105	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7106	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7107	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7108	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7109	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7110	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7111	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7112	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7113	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7114	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7115	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7116	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7117	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R7118	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7119	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7120	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R7121	QRZ9005-220X	F.RESISTOR	22 1/0W	
	R7122	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R7123	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R7124	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7125	QRE141J-1R0Y	C RESISTOR	1.0 5% 1/4W	
	R7126	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R7127	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7128	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R7129	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7130	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
⚠	R9101	QRE141J-1R0Y	C RESISTOR	1.0 5% 1/4W	
⚠	R9103	QRJ146J-152X	UNF C.RESISTOR	1.5K 5% 1/4W	
⚠	R9104	QRJ146J-4R7X	UNF C.RESISTOR	4.7 5% 1/4W	
⚠	R9105	QRZ9005-181X	F.RESISTOR	180 1/0W	
	R9106	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
⚠	R9107	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
	R9108	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R9109	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R9202	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R9203	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R9204	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R9205	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R9206	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R9207	QRE141J-751Y	C RESISTOR	750 5% 1/4W	
	R9208	QRE141J-271Y	C RESISTOR	270 5% 1/4W	
⚠	R9210	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R9211	QRE141J-242Y	C RESISTOR	2.4K 5% 1/4W	
	R9212	QRE141J-242Y	C RESISTOR	2.4K 5% 1/4W	
	R9215	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R9401	QRZ9005-150X	F RESISTOR	15 1/0W	
	R9402	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R9403	QRE141J-471Y	C RESISTOR	470 5% 1/4W	

■Electrical parts list (System control & Main amplifier board) Block No. 01

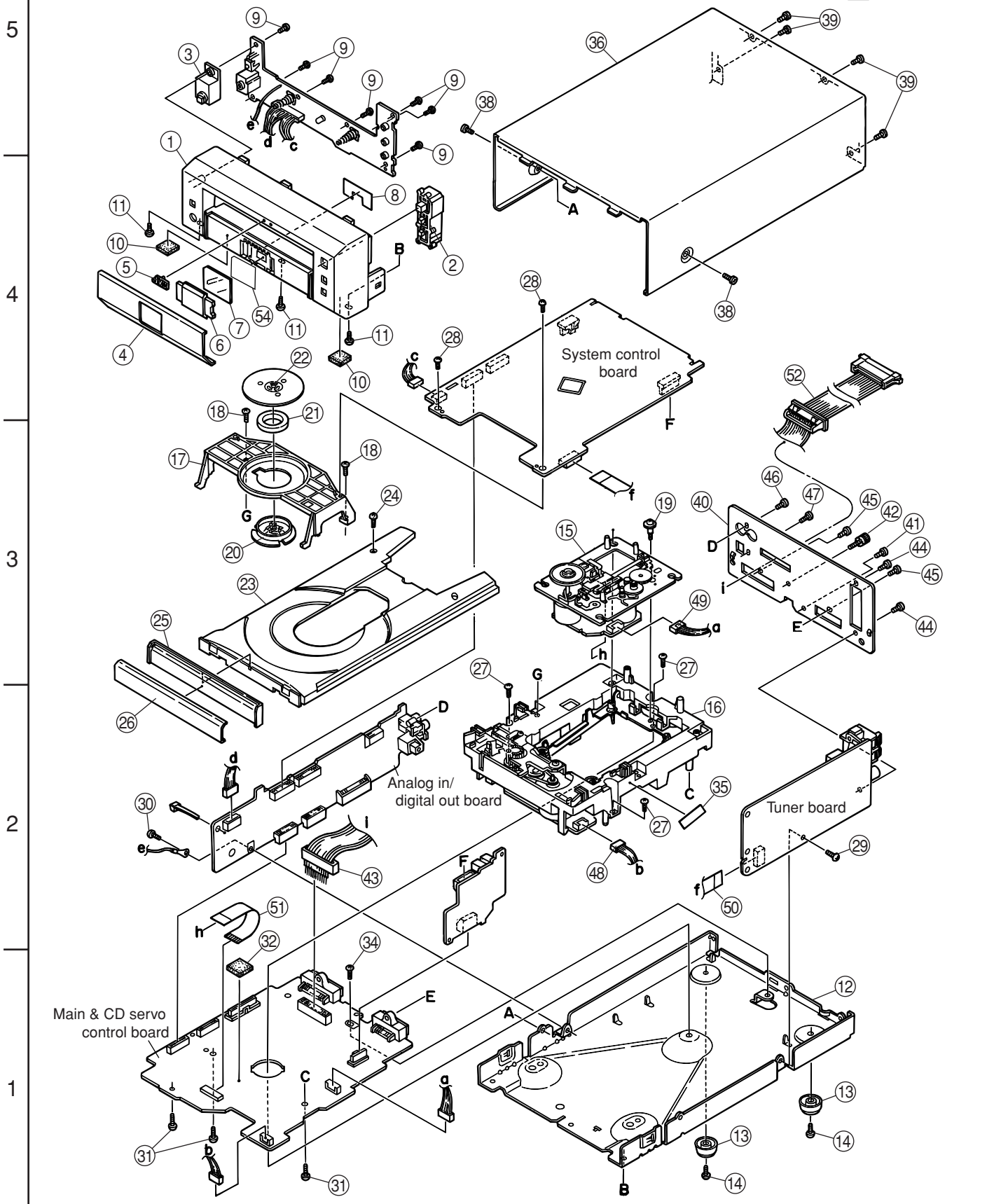
⚠	Item	Parts number	Parts name	Remarks	Area
	R9506	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R9507	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R9508	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R9509	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
⚠	R9901	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
⚠	R9902	QRZ9005-100X	F RESISTOR	10 1/0W	
	SP701	VYH7237-001SC	IC HOLDER		
⚠	SW902	QSW0513-002	SLIDE SWITCH		U,UB
	SW911	QSW0620-001	SWITCH		
	S7001	QSW0674-001Z	TACT SWITCH	POWER	
	S7002	QSW0674-001Z	TACT SWITCH	FM/AM	
	S7003	QSW0674-001Z	TACT SWITCH	AUX	
	S7004	QSW0674-001Z	TACT SWITCH	OPEN/CLOSE	
	S7005	QSW0674-001Z	TACT SWITCH	<<	
	S7006	QSW0674-001Z	TACT SWITCH	>>	
	S7007	QSW0674-001Z	TACT SWITCH	PLAY MODE	
	S7008	QSW0674-001Z	TACT SWITCH	REC MODE	
	S7009	QSW0674-001Z	TACT SWITCH	CLOCK	
	S7010	QSW0674-001Z	TACT SWITCH	SET	
	S7011	QSW0674-001Z	TACT SWITCH	CANCEL	
	S7012	QSW0674-001Z	TACT SWITCH	EDIT/TITLE	
	S7013	QSW0674-001Z	TACT SWITCH	DISPLAY/CHARA	
	S7014	QSW0674-001Z	TACT SWITCH	ENTER	
	TB901	QNZ0079-001Z	TAB		
	TB902	QNZ0079-001Z	TAB		
⚠	T9002	QQT0274-004	POWER TRANS		
	X7001	QAX0246-001Z	RESONATOR		

<< M E M O >>

Exploded view of general assembly and parts list

XT-UXG6

Block: No. M 2 M M



■Parts list (XT-UXG6 General assembly)

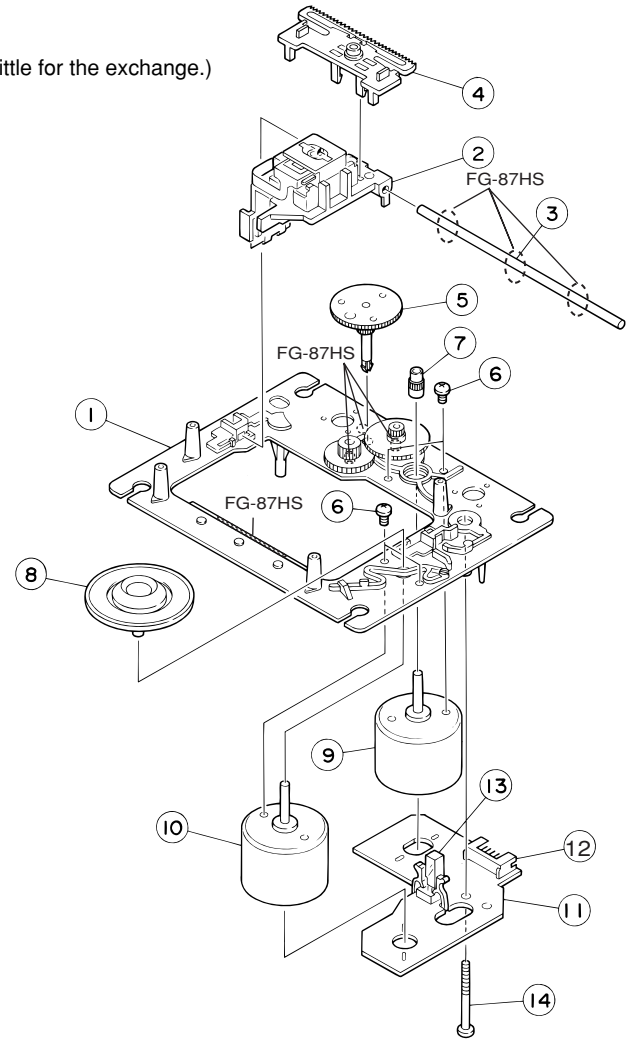
Block No. M2MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	1	LV10278-001A	FRONT PANEL	1		
	2	LV31438-002A	BUTTON	1	PLATING	
	3	LV41295-001A	REMOTE LENS	1		
	4	LV31458-001A	FRONT PLATE	1		
	5	E406971-222	JVC MARK	1		
	6	LV41317-002A	LENS(A)	1		
	7	LV41318-001A	LENS(B)	1		
	8	LV41750-001A	LABEL	1		
	9	QYSBSF2608Z	T.SCREW	7	FOR SW PWB	
	10	E75896-002	FELT SPACER	2	FOR FOOT	
	11	QYSBST3006Z	T.SCREW	3	FOR F.PANE+B.CHASSIS	
	12	LV10275-001A	BOTTOM CHASSIS	1		
	13	E47227-029	FOOT	2		
	14	QYSBST3006Z	T.SCREW	2		
	15	----------	CD MECHA	1		
	16	----------	CD LOADING BASE	1		
	17	E26756-004	CD CLAMPER BASE	1		
	18	QYSBSF3008Z	SCREW	2	CLAMP B.+LOADING BASE	
	19	E406293-001	SPECIAL SCREW	1		
	20	E306835-221SS	CD CLAMPER	1		
	21	VYH7313-003	MAGNET	1		
	22	E306836-003	C.D.YOKE	1		
	23	E102358-222K	CD TRAY	1		
	24	QYSBSF3008Z	SCREW	1	FOR TRAY	
	25	LV20520-001A	CD FITTING	1		
	26	LV31459-001A	FITTING PLATE	1		
	27	QYSBST3006Z	T.SCREW	3	FOR CD LOADING	
	28	QYSBSF2608Z	T.SCREW	2	PWB+CLAMPER BASE	
	29	QYSBST3006Z	T.SCREW	1	TUNER+CHASSIS	
	30	QYSBST3006Z	T.SCREW	1	PWB(L)+CHASSIS	
	31	QYSBSF2608Z	T.SCREW	3	LOADING+PWB	
	32	E75896-001	FELT SPACER	1	FS401	
	34	QYSBST3006Z	T.SCREW	1	CHASSIS+PWB	
	35	VYSA1R3-049	SPACER	1		
	36	LV10273-002A/S/	METAL COVER	1		
	38	QYSDSG3008N	T.SCREW	2	M.COVER+B.CHASSIS	
	39	QYSDSG3008N	T.SCREW	4	M.COVER+R.PANEL	
	40	LV20521-007A	REAR PANEL	1		U,UB
		LV20521-008A	REAR PANEL	1		UP
	41	QYSDSG3008N	T.SCREW	1		
	42	E409257-001	GND TERMINAL	1	FOR EARTH	
	43	QQR1086-001	NOISE FILTER	1		
	44	QYSDSG3008N	T.SCREW	2	FOR ANT.	
	45	QYSDSG3008N	T.SCREW	2	FOR SYS.CONNECT	
	46	QYSDSG3008N	T.SCREW	1	FOR AUX IN	
	47	QYSDSG3008N	T.SCREW	1	FOR OPTICAL OUT	
	48	QJJ010-051000	SIN CR C-C WIRE	1		
	49	QJJ010-061501	SIN CR C-C WIRE	1		
	50	QUQB12-1010BJ	FFC WIRE	1	TUNER-MICOM	
	51	QUQ910-1508AJ	CARD WIRE	1	CD PICK	
	52	WJS0015-002A	E-FL/RB WIRE	1	19 PIN SYSTEM WIRE	
	54	LV41773-001A	SHEET	1		

CD mechanism assembly and parts list

Block: No. M 3 M M

Grease point
FG-87HS
(Grease to apply have to be a little for the exchange.)



EXL-M7GB

■Parts list (CD mechanism)

Block No. M2MM

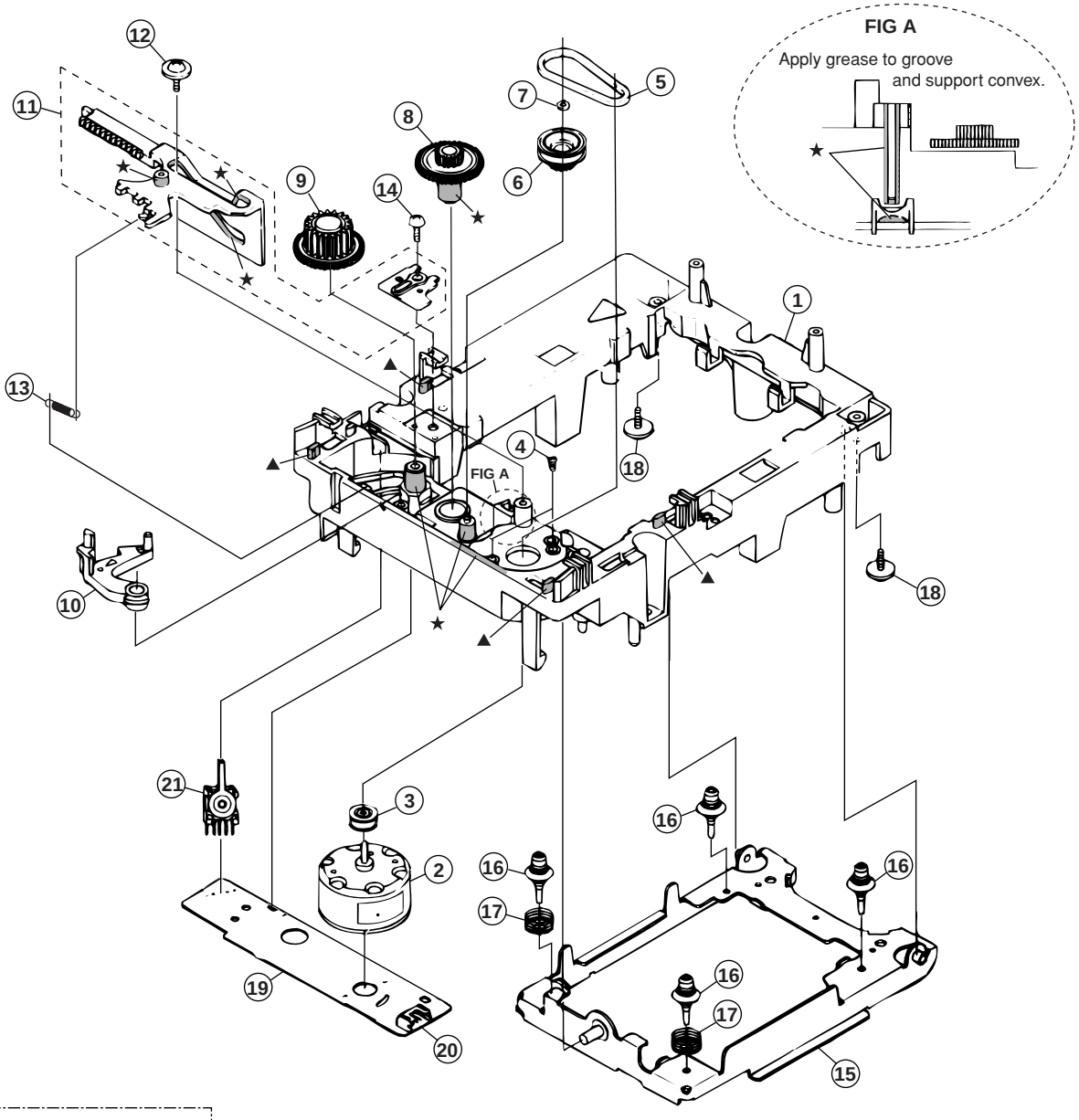
⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	1	E102501-331SC	MECHA BASE ASSY	1		
	2	OPTIMA-7B	OPTICAL PICK UP	1		
	3	E407782-003SC	CD SHAFT	1		
	4	HQN300031-001PK	CD RACK GEAR	1		
	5	E307745-332SC	MECHA GEAR	1		
	6	QYSDSP2003N	SCREW	4		
	7	E406750-332SC	PINION GEAR	1		
	8	EPB-001PK	TURN TABLE ASSY	1		
	9	E406784-001	FEED MOTOR	1		
	10	QAR0130-001	SPPINDLE MOTOR	1		
	11	EMW10190-001	P.C. BOARD	1		
	12	QGA2001F1-06	6P PLUG ASSY	1	FOR P011	
	13	QSW0506-001	LEAF SWICH	1	FOR S001	
	14	E75832-221	SPECIAL SCREW	1	FOR P.C. BOARD	

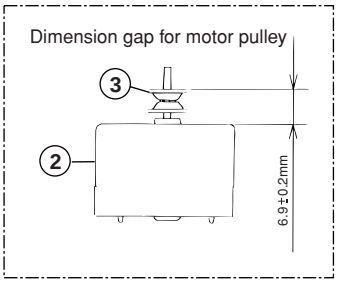
CD loading base assembly and parts list

FLM-120-1

Block: No. M 4 M M

Grease
★ = G-474C
▲ = EBS0006-009B





■Parts list (CD loading base)

Block No. M4MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	1	E102357-441	C.D LOADING BAS	1		
	2	MMN-6F1LB8K	MOTOR	1		
	3	E75984-001SC	MOTOR PULLEY	1		
	4	QYSPSPT2640Z	MINI SCREW	2		
	5	E75950-002	BELT	1		
	6	E75985-222SS	GEAR(1)	1		
	7	E60912-005SS	SPEED NUT	1		
	8	E75986-221SS	C.D GEAR (2)	1		
	9	E75987-221SS	C.D GEAR (3)	1		
	10	E307162-331SS	LEVER	1		
	11	E307252-331SS	CAM PLATE	1		
	12	E65923-003	TAPPING SCREW	1		
	13	E75989-001	SPRING	1		
	14	QYSBSF3008Z	SCREW	1		
	15	E307179-332	E.BASE ASS'Y	1		
	16	E406294-002	INSULATOR	4		
	17	E406871-001	SPRING	2		
	18	E65923-003	TAPPING SCREW	2		
	19	EMW10095-003	C.D CIR.BOARD	1		
	20	QGA2001F1-05	5P PLUG ASSY	1		
	21	QSW0472-001	SWITCH	1		

■Electrical parts list (System control & Analog IN / digital OUT board) Block No. 02

⚠	Item	Parts number	Parts name	Remarks	Area
	CN451	QGA2001F1-06	6P PLUG ASSY	FROM KEY PWB	
	CN452	QGB1214K1-16S	CONNECTOR	TO MICON PWB	
	CN453	QGB1214K1-18S	CONNECTOR	TO MICON PWB	
	CN454	QGB2510K2-06	CONNECTOR	TO MICON PWB	
	CN455	QGB1214K1-18S	CONNECTOR	TO CD CTL PWB	
	CN456	QGB1214K1-18S	CONNECTOR	TO CD CTL PWB	
	CN457	QGB2510K2-13	CONNECTOR	TO CD CTL PWB	
	CN501	QGA2001F1-05	5P PLUG ASSY		
	CN502	QGB1214J1-16S	CONNECTOR		
	CN503	QGB1214J1-18S	CONNECTOR		
	CN504	QGB2510J1-06	CONNECTOR		
	CN506	QGF1205F1-10	CONNECTOR		
	CN507	QGB2510J1-07	CONNECTOR		
	CN508	QGA2501C3-05Z	CONNECTOR		
	C4161	QETC1HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C4162	QFZ0202-183Z	M CAPACITOR	.018MF	
	C4163	QFZ0202-223Z	M CAPACITOR	.022MF	
	C4164	QFN31HJ-224Z	M CAPACITOR	.22MF 5% 50V	
	C4165	QFN31HJ-224Z	M CAPACITOR	.22MF 5% 50V	
	C4166	QFZ0202-562Z	M CAPACITOR	5600PF	
	C4167	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4171	QEKC1EM-226Z	E CAPACITOR	22MF 20% 25V	
	C4172	QEKC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4173	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4181	QCBB1HK-471Y	C CAPACITOR	470PF 10% 50V	
	C4261	QETC1HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C4262	QFZ0202-223Z	M CAPACITOR	.022MF	
	C4263	QFZ0202-223Z	M CAPACITOR	.022MF	
	C4264	QFN31HJ-224Z	M CAPACITOR	.22MF 5% 50V	
	C4265	QFN31HJ-224Z	M CAPACITOR	.22MF 5% 50V	
	C4266	QFZ0202-562Z	M CAPACITOR	5600PF	
	C4267	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4271	QEKC1EM-226Z	E CAPACITOR	22MF 20% 25V	
	C4272	QEKC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4273	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4281	QCBB1HK-471Y	C CAPACITOR	470PF 10% 50V	
	C4361	QETC1HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C4362	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C4372	QDGB1HK-102Y	C CAPACITOR		
	C4381	QCBB1HK-223Y	C CAPACITOR	.022MF 10% 50V	
	C4382	QDGB1HK-102Y	C CAPACITOR		
	C4391	QEKC1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C4392	QCBB1HK-103Y	C CAPACITOR	.010MF 10% 50V	
	C5001	QCS11HJ-200	C CAPACITOR	20PF 5% 50V	
	C5002	QDCB1HJ-150Y	C CAPACITOR		
	C5003	QCBB1HK-103Y	C CAPACITOR	.010MF 10% 50V	
	C5004	QCZ0202-155Z	ML C CAPACITOR	1.5MF	
	C5005	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C5006	QETC0JM-108Z	E CAPACITOR	1000MF 20% 6.3V	
	C5007	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C5008	QCZ0202-155Z	ML C CAPACITOR	1.5MF	
	C5009	QDGB1HK-102Y	C CAPACITOR		
	C5010	QDGB1HK-102Y	C CAPACITOR		
	C5011	QDGB1HK-102Y	C CAPACITOR		
	C5012	QDGB1HK-102Y	C CAPACITOR		
	C5013	QDXB1CM-122Y	C CAPACITOR		
	C5014	QDGB1HK-102Y	C CAPACITOR		
	C5016	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	D4361	MTZJ9.1C-T2	Z DIODE		
	D4371	1SS133-T2	SI DIODE		
	D4372	1SS133-T2	SI DIODE		
	D4391	1SS133-T2	SI DIODE		
	D5001	1SS133-T2	SI DIODE		

⚠	Item	Parts number	Parts name	Remarks	Area
	D5003	1SS133-T2	SI DIODE		
	D5005	1SS133-T2	SI DIODE		
	D5006	1SS133-T2	SI DIODE		
	D5007	1SS133-T2	SI DIODE		
	EP452	QNZ0136-001Z	EARTH PLATE	FOR H.P GND	
	IC435	TDA7439	IC		
	IC436	NJM4580D	IC		
	IC501	UPD784214AGF503	IC(MCU)		
	IH501	VYH7237-002SC	IC HOLDER	FOR IC501	
	J4301	QNN0215-001	PIN JACK		
	J4302	GP1F32T	OPTICAL JACK		
	L5001	QQL01BK-100Z	INDUCTOR		
	Q4171	2SC3576-JVC-T	TRANSISTOR		
	Q4172	2SC3576-JVC-T	TRANSISTOR		
	Q4271	2SC3576-JVC-T	TRANSISTOR		
	Q4272	2SC3576-JVC-T	TRANSISTOR		
	Q4371	KRA104M-T	D.TRANSISTOR		
	R4161	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R4162	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R4164	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4171	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4172	QRJ146J-221X	UNF C.RESISTOR	220 5% 1/4W	
	R4173	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R4174	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4175	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4176	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R4177	QRJ146J-221X	UNF C.RESISTOR	220 5% 1/4W	
	R4178	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4181	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R4261	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R4262	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R4264	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4271	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4272	QRJ146J-221X	UNF C.RESISTOR	220 5% 1/4W	
	R4273	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R4274	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4275	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4276	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R4277	QRJ146J-221X	UNF C.RESISTOR	220 5% 1/4W	
	R4278	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4281	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R4361	QRJ146J-221X	UNF C.RESISTOR	220 5% 1/4W	
	R4371	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R4391	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4392	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R5001	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R5002	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5003	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5005	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5007	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5008	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5009	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5011	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5012	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5013	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5014	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5015	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5016	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5017	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5019	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5022	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5023	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5024	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	

■Electrical parts list (System control & Analog IN / digital OUT board) Block No. 02

⚠	Item	Parts number	Parts name	Remarks	Area
	R5025	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5026	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5028	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5029	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5030	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5031	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5032	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5033	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5034	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5035	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5036	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5037	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5038	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5039	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5040	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5041	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5045	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5046	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5048	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5049	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5050	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5051	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5054	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5055	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5056	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5057	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5058	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5059	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5062	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R5063	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R5068	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5069	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5071	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5072	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5073	QRE141J-470Y	C RESISTOR	47 5% 1/4W	
	R5075	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5078	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5079	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5080	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5081	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	X5001	QAX0600-001Z	CRYSTAL		

■Electrical parts list (CD servo & Main board) Block No. 03

⚠	Item	Parts number	Parts name	Remarks	Area
	CN431	QGD1501C1-19	F.WIRE SKT	FOR SWIRE(TO AX	
	CN432	QGA1502F1-17	W TO B CONNE	FROM XM	
	CN433	QGA1502F1-13	W TO B CONNE	FROM DECK	
	CN434	QGB2510J1-06	CONNECTOR	TO TUNER RELAY	
	CN435	QGB2510J1-13	CONNECTOR	TO VOL PWB	
	CN436	QGB1214J1-18S	CONNECTOR	TO VOL PWB	
	CN437	QGB1214J1-18S	CONNECTOR	TO VOL PWB	
	CN438	QGA2001C1-05	5P PLUG ASSY	TO CD TRAY	
	CN439	QGF1023F1-15	15PIN CONNECTOR	FOR OPT-7	
	CN440	QGA2001C1-06	6P PLUG ASSY	T0 CD MOTOR	
	CN441	QGA2001F1-02	2P CONNECTOR		
	CN443	QGB2510K2-06	CONNECTOR	TO MICON	
	CN444	QGB2510K2-07	CONNECTOR	TO CD CTL	
	C4101	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C4102	QFN41HJ-682	M CAPACITOR	6800PF 5% 50V	
	C4103	QFN31HJ-473Z	M CAPACITOR	.047MF 5% 50V	
	C4104	QTE1C06-226Z	E CAPACITOR		
	C4112	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4124	QFLC1HJ-562Z	M CAPACITOR	5600PF 5% 50V	
	C4201	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C4202	QFN41HJ-682	M CAPACITOR	6800PF 5% 50V	
	C4203	QFN31HJ-473Z	M CAPACITOR	.047MF 5% 50V	
	C4204	QTE1C06-226Z	E CAPACITOR		
	C4212	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4224	QFLC1HJ-562Z	M CAPACITOR	5600PF 5% 50V	
	C4301	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4302	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4311	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C4312	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C4313	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C4321	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C4322	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C4331	QETC1AM-476Z-JB	E CAPACITOR	47MF 20% 10V	
	C4332	QETC1AM-476Z	E CAPACITOR	47MF 20% 10V	
	C4333	QCBB1HK-103Y	C CAPACITOR	.010MF 10% 50V	
	C4341	QETC1AM-476Z-JB	E CAPACITOR	47MF 20% 10V	
	C4342	QETC1AM-476Z-JB	E CAPACITOR	47MF 20% 10V	
	C4343	QCBB1HK-103Y	C CAPACITOR	.010MF 10% 50V	
	C4601	QDCB1HJ-120Y	C CAPACITOR		
	C4602	QDCB1HJ-120Y	C CAPACITOR		
	C4603	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4604	QETC0JM-477Z	E CAPACITOR	470MF 20% 6.3V	
	C4605	QFVJ1HJ-154Z	TF CAPACITOR	.15MF 5% 50V	
	C4606	QDVB1EZ-223Y	C CAPACITOR		
	C4607	QFN31HJ-223Z	M CAPACITOR	.022MF 5% 50V	
	C4608	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4609	QETC0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C4610	QCBB1HK-471Y	C CAPACITOR	470PF 10% 50V	
	C4611	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4612	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4613	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4614	QCSB1HK-5R6Y	C CAPACITOR	5.6PF 10% 50V	
	C4615	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4616	QETC0JM-477Z	E CAPACITOR	470MF 20% 6.3V	
	C4617	QDGB1HK-102Y	C CAPACITOR		
	C4619	QDGB1HK-102Y	C CAPACITOR		
	C4620	QDGB1HK-102Y	C CAPACITOR		
	C4621	QFVC1HJ-563Z	M.M.CAPACITOR	.056MF 5% 50V	
	C4622	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4623	QETC1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C4624	QDYB1CM-103Y	C CAPACITOR		
	C4625	QDXB1CM-472Y	C CAPACITOR		
	C4626	QFN31HJ-273Z	M CAPACITOR	.027MF 5% 50V	

⚠	Item	Parts number	Parts name	Remarks	Area
	C4627	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4628	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C4629	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4630	QCF31HZ-223Z	C CAPACITOR	.022MF +80:-20%	
	C4631	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4632	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4633	QDVB1EZ-223Y	C CAPACITOR		
	C4634	QDGB1HK-102Y	C CAPACITOR		
	C4635	QDGB1HK-102Y	C CAPACITOR		
	C4636	QCBB1HK-271Y	C CAPACITOR	270PF 10% 50V	
	C4637	QCBB1HK-181Y	C CAPACITOR	180PF 10% 50V	
	C4638	QDVB1EZ-223Y	C CAPACITOR		
	C4639	QDVB1EZ-223Y	C CAPACITOR		
	C4640	QDVB1EZ-223Y	C CAPACITOR		
	C4641	QDVB1EZ-223Y	C CAPACITOR		
	C4642	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4643	QFLC1HJ-822Z	M CAPACITOR	8200PF 5% 50V	
	C4644	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4645	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4646	QETC1CM-477Z	E CAPACITOR	470MF 20% 16V	
	C4647	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4648	QFLC1HJ-562Z	M CAPACITOR	5600PF 5% 50V	
	C4652	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4663	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4671	QCBB1HK-103Y	C CAPACITOR	.010MF 10% 50V	
	C4672	QETC1AM-477Z	E CAPACITOR	470MF 20% 10V	
	C4673	QETC1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C4681	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4682	QCS11HJ-560	C CAPACITOR	56PF 5% 50V	
	C4683	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C4686	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4691	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4692	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4693	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C5082	QDGB1HK-102Y	C CAPACITOR		
	C5083	QCBB1HK-471Y	C CAPACITOR	470PF 10% 50V	
	C5084	QCBB1HK-471Y	C CAPACITOR	470PF 10% 50V	
	C5086	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C5087	QDGB1HK-102Y	C CAPACITOR		
	C5088	QDGB1HK-102Y	C CAPACITOR		
	C5091	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C5092	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	D4331	MTZJ5.6C-T2	ZENER DIODE		
	D4341	MTZJ10A-T2	ZENER DIODE		
	D4601	1SS133-T2	SI DIODE		
	D4663	1SS133-T2	SI DIODE		
	D4664	1SS133-T2	SI DIODE		
	D4671	MTZJ10C-T2	Z.DIODE		
	D4674	MTZJ9.1B-T2	ZENER DIODE		
	D4681	MTZJ4.7B-T2	Z DIODE		
	D5081	MTZJ10C-T2	Z.DIODE		
	D5082	SELU1E10CXM	LED	BLUE	
	D5083	1SS133-T2	SI DIODE		
	D5084	1SS133-T2	SI DIODE		
	D5085	1SS133-T2	SI DIODE		
	EP451	QNZ0136-001Z	EARTH PLATE		
	IC431	NJM5532D	IC		
	IC432	TC9164AN	IC		
	IC433	NJM4580D	IC		
	IC434	NJM4580D	IC		
	IC461	MN35511AL	IC		
	IC462	AN8806SB	IC		
	IC463	BA6897FP-W	IC		

■Electrical parts list (CD servo & Main board) Block No. 03

⚠	Item	Parts number	Parts name	Remarks	Area
	IC464	TA8409S	IC		
	IC502	GP1U271X	RM RECIVER		
	IH461	VYH7237-001SC	IC HOLDER		
	IH462	VYH7237-003SC	IC HOLDER		
	IH463	VYH7237-003SC	IC HOLDER		
	J5001	QNS0027-001	JACK		
	K4603	QQR0779-001Z	INDUCTOR		
	K4604	QQR0779-001Z	INDUCTOR		
	K4609	QQR0779-001Z	INDUCTOR		
	K4610	QQR0779-001Z	INDUCTOR		
	K4612	QQR0779-001Z	INDUCTOR		
	K4613	QQR0779-001Z	INDUCTOR		
	K4619	QQR0779-001Z	INDUCTOR		
	K4661	QQR0779-001Z	INDUCTOR		
	K4662	QQR0779-001Z	INDUCTOR		
	K4664	QQR0601-001Z	F.BEADS		
	K4671	QQR0601-001Z	F.BEADS		
	K4672	QQR0601-001Z	F.BEADS		
	K5082	QQR0779-001Z	INDUCTOR		
	L4121	QQR0590-001	FILTER		
	L4221	QQR0590-001	FILTER		
	L4681	QQL25CK-221Z	INDUCTOR		
	L5081	QQL231K-470Y	INDUCTOR		
	L5082	QQL231K-470Y	INDUCTOR		
	Q4332	KRC107M-T	D.TRANSISTOR		
	Q4333	KRA107M-T	D.TRANSISTOR		
	Q4334	2SC2785/FE/-T	TRANSISTOR		
	Q4341	2SC2785/FE/-T	TRANSISTOR		
	Q4621	2SA952/LK/-T	TRANSISTOR		
	Q4661	KTA1267/YG/-T	TRANSISTOR		
	Q4665	KRC102M-T	D.TRANSISTOR		
	Q4671	2SD2394/EF/	TRANSISTOR		
	R4101	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R4102	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R4103	QRE141J-243Y	C RESISTOR	24K 5% 1/4W	
	R4104	QRE141J-243Y	C RESISTOR	24K 5% 1/4W	
	R4105	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R4106	QRE141J-682Y	C RESISTOR	6.8K 5% 1/4W	
	R4107	QRE141J-752Y	C RESISTOR	7.5K 5% 1/4W	
	R4108	QRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
	R4109	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4114	QRE141J-133Y	C RESISTOR	13K 5% 1/4W	
	R4123	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4124	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R4125	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R4126	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R4127	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R4128	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4201	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R4202	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R4203	QRE141J-243Y	C RESISTOR	24K 5% 1/4W	
	R4204	QRE141J-243Y	C RESISTOR	24K 5% 1/4W	
	R4205	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R4206	QRE141J-682Y	C RESISTOR	6.8K 5% 1/4W	
	R4207	QRE141J-752Y	C RESISTOR	7.5K 5% 1/4W	
	R4208	QRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
	R4209	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4214	QRE141J-133Y	C RESISTOR	13K 5% 1/4W	
	R4223	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4224	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R4225	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R4226	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R4227	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R4228	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4311	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R4331	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R4332	QRZ9005-470X	F RESISTOR	47 1/0W	
	R4334	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R4335	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R4341	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R4342	QRZ9005-470X	F RESISTOR	47 1/0W	
	R4601	QRE141J-271Y	C RESISTOR	270 5% 1/4W	
	R4602	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R4603	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R4604	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R4605	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4606	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4607	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4608	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4610	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R4611	QRE141J-155Y	C RESISTOR	1.5M 5% 1/4W	
	R4614	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4615	QRE141J-683Y	C RESISTOR	68K 5% 1/4W	
	R4616	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4621	QRE141J-125Y	C RESISTOR	1.2M 5% 1/4W	
	R4622	QRE141J-113Y	C RESISTOR	11K 5% 1/4W	
	R4623	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R4624	QRE141J-121Y	C RESISTOR	120 5% 1/4W	
	R4625	QRE141J-120Y	C RESISTOR	12 5% 1/4W	
	R4626	QRE141J-274Y	C RESISTOR	270K 5% 1/4W	
	R4627	QRE141J-154Y	C RESISTOR	150K 5% 1/4W	
	R4628	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4629	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4630	QRE141J-474Y	C RESISTOR	470K 5% 1/4W	
	R4631	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R4632	QRE141J-910Y	C RESISTOR	91 5% 1/4W	
	R4641	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R4642	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4643	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R4644	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R4645	QRE141J-822Y	C RESISTOR	8.2K 5% 1/4W	
	R4646	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R4647	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4648	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4664	QRJ146J-2R2X	UNF C.RESISTOR	2.2 5% 1/4W	
	R4665	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R4671	QRT01DJ-4R7X	MF RESISTOR	4.7 5% 1/1W	
	R4672	QRT01DJ-4R7X	MF RESISTOR	4.7 5% 1/1W	
	R4673	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R4674	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R4675	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R4676	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R4677	QRE141J-363Y	C RESISTOR	36K 5% 1/4W	
	R4681	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R5081	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5082	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5083	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R5084	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R5085	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R5088	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	S5001	QSW0674-001Z	TACT SWITCH		
	S5002	QSW0674-001Z	TACT SWITCH		
	S5003	QSW0674-001Z	TACT SWITCH		
	W 451	WJP0012-001A	E-SHI C WIRE C-		
	W 511	WJK0065-001A	E-SI C WIRE C-B	TO MICON/VOL	
	X4601	QAX0413-001Z	CRYSTAL		

<<CAUTION>>
Please note that "IC461" uses IC different depending on the kind of the board.

For board No.LVB10107-001A
IC461 MN35511
For board No.LVB10107-001B/001C
IC461 MN35511AL

■Electrical parts list (Tuner board) Block No. 04

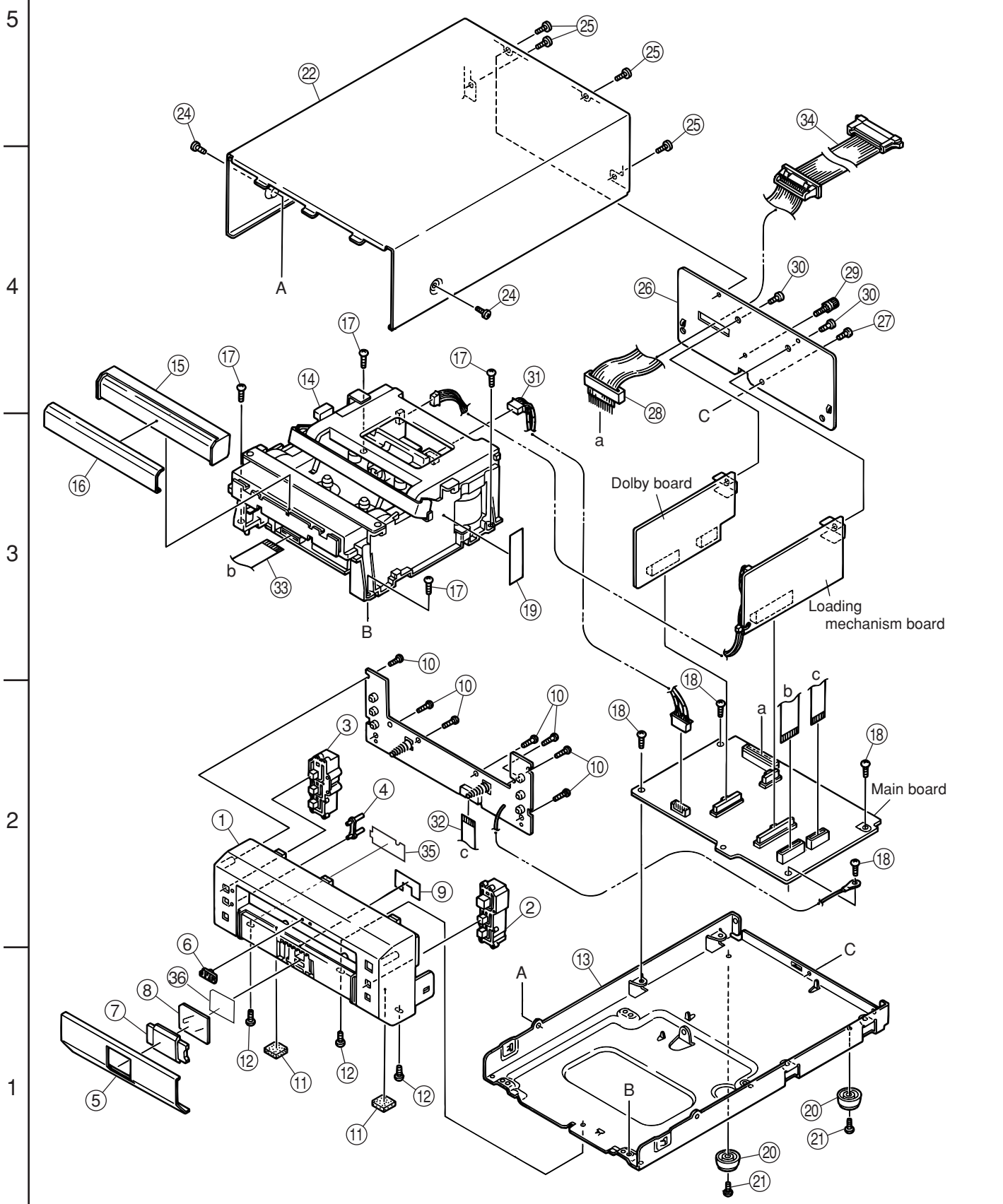
⚠	Item	Parts number	Parts name	Remarks	Area
	C 1	NCB21HK-223X	C CAPACITOR		
	C 3	NCB21EK-473X	C CAPACITOR		
	C 4	NCB21HK-103X	C CAPACITOR		
	C 5	QEK41CM-106	E.CAPA I.M	10MF 20% 16V	
	C 6	NCB21HK-102X	C CAPACITOR		
	C 9	NCB21HK-102X	C CAPACITOR		
	C 12	NDU21HJ-100X	C CAPACITOR		
	C 13	NCB21EK-473X	C CAPACITOR		
	C 21	NCB21EK-473X	C CAPACITOR		
	C 30	QEK41CM-476	E CAPACITOR	47MF 20% 16V	
	C 32	NCB21HK-102X	C CAPACITOR		
	C 33	QEKC1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 34	NCS21HJ-150X	C CAPACITOR		
	C 35	NCB21HK-102X	C CAPACITOR		
	C 36	QEK41CM-106	E CAPACITOR	10MF 20% 16V	
	C 37	NCB21EK-473X	C CAPACITOR		
	C 39	NCB21EK-473X	C CAPACITOR		
	C 40	NCB21HK-103X	C CAPACITOR		
	C 41	QEKC1HM-104Z	E CAPACITOR	.10MF 20% 50V	
	C 42	QEK41HM-474	E CAPACITOR	.47MF 20% 50V	
	C 44	NCS21HJ-221X	C CAPACITOR		
	C 45	QEKC1HM-335Z	E CAPACITOR	3.3MF 20% 50V	
	C 46	NCB21HK-223X	C CAPACITOR		
	C 47	NCB21HK-103X	C CAPACITOR		
	C 49	NCB21HK-153X	C CAPACITOR		
	C 50	NCB21HK-153X	C CAPACITOR		
	C 51	QEKC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C 52	QEKC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C 60	QEKC1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 61	NCS21HJ-120X	C CAPACITOR		
	C 62	NCS21HJ-120X	C CAPACITOR		
	C 63	NCB21EK-473X	C CAPACITOR		
	C 65	NCB21HK-102X	C CAPACITOR		
	C 66	NCS21HJ-151X	C CAPACITOR		
	C 68	NCS21HJ-101X	C CAPACITOR		
	C 69	QEKC1HM-225Z	E CAPACITOR	2.2MF 20% 50V	
	C 70	NCB21HK-392X	C CAPACITOR		
	C 71	QEKC1HM-335Z	E CAPACITOR	3.3MF 20% 50V	
	C 72	NCB21HK-102X	C CAPACITOR		
	CF 1	QAX0419-001Z	C FILTER	FM IF	
	CF 2	QAX0419-001Z	C FILTER	FM IF	
	CF 3	QAX0418-001Z	C FILTER		
	CF 4	QAX0409-001	CERA LOCK		
	CN 1	QGF1205F1-10	CONNECTOR		
	D 1	1SS254-T2	SI DIODE		
	D 2	1SS254-T2	SI DIODE		
	D 3	1SS254-T2	SI DIODE		
	D 4	1SS254-T2	SI DIODE		
	IC 1	TA2057N	IC		
	IC 2	LC72136N	IC		
	J 1	QNB0014-001	ANT TERMINAL	AM/FM ANT	
	L 1	QQR0796-001	COIL BLOCK	MW/LW RF/OSC	
	L 4	QQL231K-221Y	INDUCTOR		
	Q 1	2SC2668/O/-T	TRANSISTOR		
	Q 6	DTA114YKA-X	TRANSISTOR		
	Q 7	2SA1037K/R/-X	TRANSISTOR		
	Q 8	2SA1037K/R/-X	TRANSISTOR		
	R 1	NRSA02J-102X	MG RESISTOR		
	R 2	NRSA02J-820X	MG RESISTOR		
	R 3	NRSA02J-0R0X	MG RESISTOR		
	R 12	NRSA02J-102X	MG RESISTOR		
	R 13	NRSA02J-104X	MG RESISTOR		
	R 20	NRSA02J-331X	MG RESISTOR		

⚠	Item	Parts number	Parts name	Remarks	Area
	R 21	NRSA02J-224X	MG RESISTOR		
	R 22	NRSA02J-331X	MG RESISTOR		
	R 23	NRSA02J-270X	MG RESISTOR		
	R 24	NRSA02J-271X	MG RESISTOR		
	R 25	NRSA02J-473X	MG RESISTOR		
	R 27	NRSA02J-223X	MG RESISTOR		
	R 29	NRSA02J-473X	MG RESISTOR		
	R 30	NRSA02J-103X	MG RESISTOR		
	R 31	NRSA02J-103X	MG RESISTOR		
	R 32	NRSA02J-473X	MG RESISTOR		
	R 34	NRSA02J-333X	MG RESISTOR		
	R 35	NRSA02J-333X	MG RESISTOR		
	R 36	NRSA02J-103X	MG RESISTOR		
	R 37	NRSA02J-472X	MG RESISTOR		
	R 38	NRSA02J-392X	MG RESISTOR		
	R 39	NRSA02J-392X	MG RESISTOR		
	R 42	NRSA02J-102X	MG RESISTOR		
	R 43	NRSA02J-102X	MG RESISTOR		
	R 44	NRSA02J-102X	MG RESISTOR		
	R 45	NRSA02J-102X	MG RESISTOR		
	R 46	NRSA02J-473X	MG RESISTOR		
	R 48	NRSA02J-102X	MG RESISTOR		
	R 52	NRSA02J-472X	MG RESISTOR		
	R 54	NRSA02J-472X	MG RESISTOR		
	R 55	NRSA02J-182X	MG RESISTOR		
	R 56	NRSA02J-332X	MG RESISTOR		
	R 57	NRSA02J-102X	MG RESISTOR		
	R 66	NRSA02J-222X	MG RESISTOR		
	R 68	NRSA02J-223X	MG RESISTOR		
	R 69	NRSA02J-103X	MG RESISTOR		
	T 1	QQR0793-001	IFT		
	TU 1	QAU0097-001	FRONT END	FM TU	
	X 1	QAX0402-001	CRYSTAL		

Exploded view of general assembly and parts list

TD-UXG6

Block: No. M 5 M M



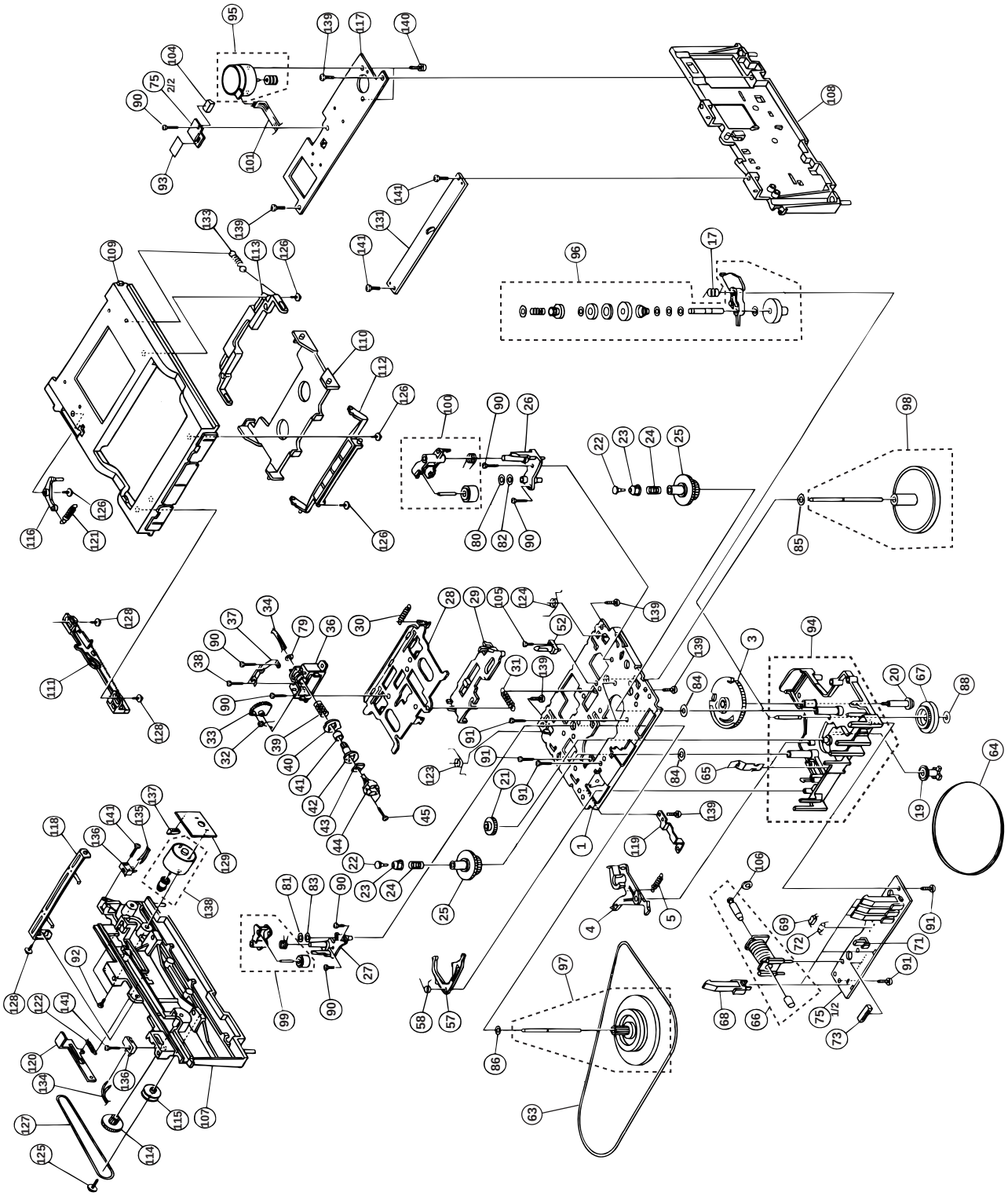
■Parts list (TD-UXG6 General assembly)

Block No. M5MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	1	LV10277-001A	FRONT PANEL	1		
	2	LV31438-002A	BUTTON	1	PLATING	
	3	LV31440-003A	BUTTON	1	PLATING	
	4	LV41325-001A	INDICATOR	1		
	5	LV31458-001A	FRONT PLATE	1		
	6	E406971-222	JVC MARK	1		
	7	LV41317-002A	LENS(A)	1		
	8	LV41318-002A	LENS(B)	1		
	9	LV41750-001A	LABEL	1		
	10	QYSBSF2608Z	T.SCREW	7	FOR SW PWB	
	11	E75896-002	FELT SPACER	2	FOR FOOT	
	12	QYSBST3006Z	T.SCREW	3	FOR F.PANE+B.CHASSIS	
	13	LV10274-001A	BOTTOM CHASSIS	1		
	14	----------	CASSETTE MECHA	1		
	15	LV20522-001A	FITTING	1		
	16	LV31459-002A	FITTING PLATE	1		
	17	QYSBST3006Z	T.SCREW	4	FOR CASS.MECHA	
	18	QYSBST3006Z	T.SCREW	4	CHASSIS.B+PWB	
	19	LV30064-058A	SPACER	1		
	20	E47227-029	FOOT	2		
	21	QYSBST3006Z	T.SCREW	2	FOR FOOT	
	22	LV10273-002A/S/	METAL COVER	1		
	24	QYSDSG3008N	T.SCREW	2	M.COVER+B.CHASSIS	
	25	QYSDSG3008N	T.SCREW	4	M.COVER+R.PANEL	
	26	LV20527-008A	REAR PANEL	1		UP
		LV20527-007A	REAR PANEL	1		U,UB
	27	QYSDSG3008N	T.SCREW	1		
	28	QQR1086-001	NOISE FILTER	1		
	29	E409257-001	GND TERMINAL	1	FOR EARTH	
	30	QYSDSG3008N	T.SCREW	2	FOR PWB BKT	
	31	WJN0028-001A	E-SH C WIRE C-C	1		
	32	QUQB12-1334AJ	FFC WIRE	1		
	33	QUQB12-1536AJ	FFC WIRE	1		
	34	WJS0016-001A	E-FL/RB WIRE	1	13 PIN SYSTEM WIRE	
	35	LV41786-001A	SPACER	1		
	36	LV41773-001A	SHEET	1		

Cassette mechanism assembly and parts list

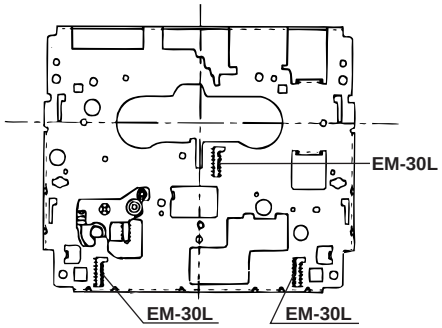
Block: No. M 6 M M



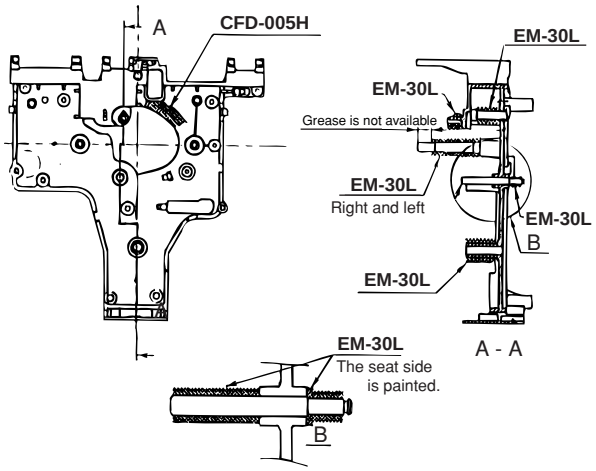
LE30642-002A

Grease point

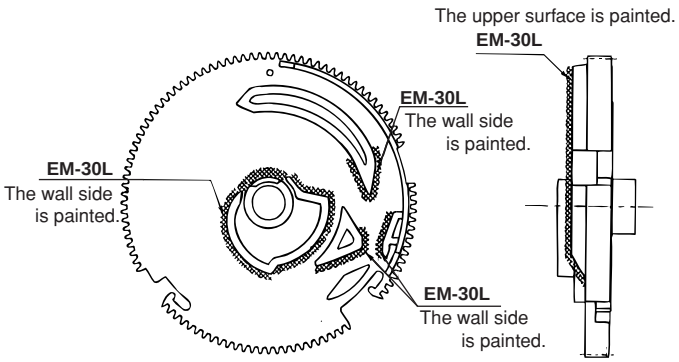
1. CHASSIS



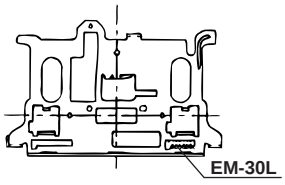
94. MECHA BASE(H)ASSY

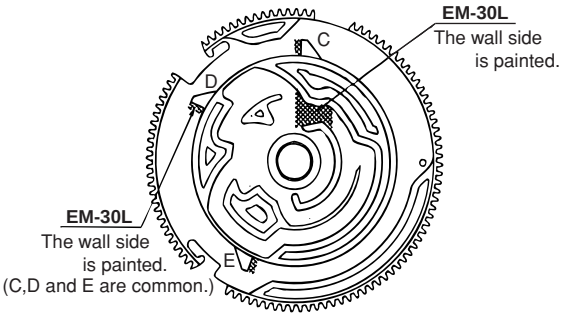


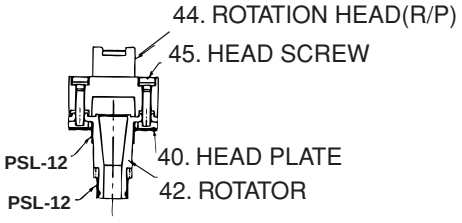
3. CAM GEAR



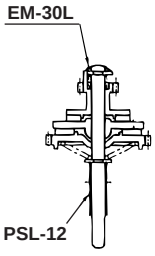
28. HEAD CHASSIS



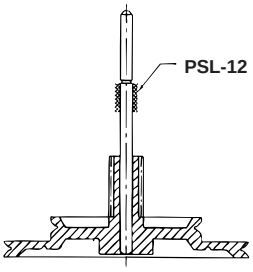




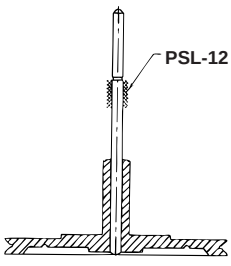
96. CLUTCH ARM ASSY



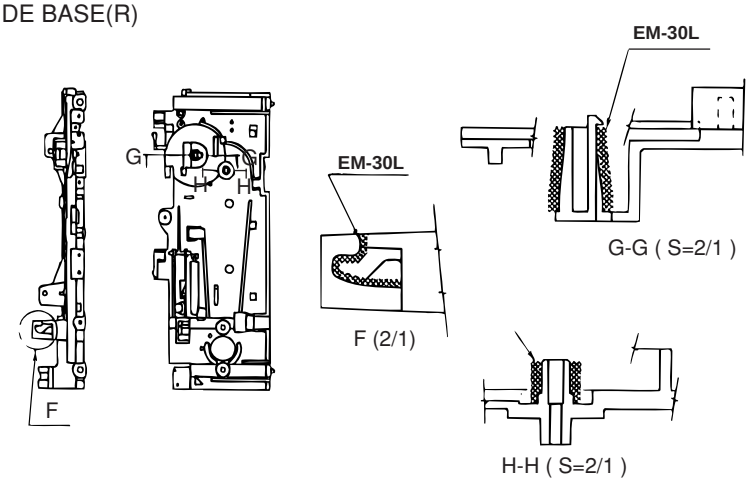
97. FLYWHEEL(RH)ASSY



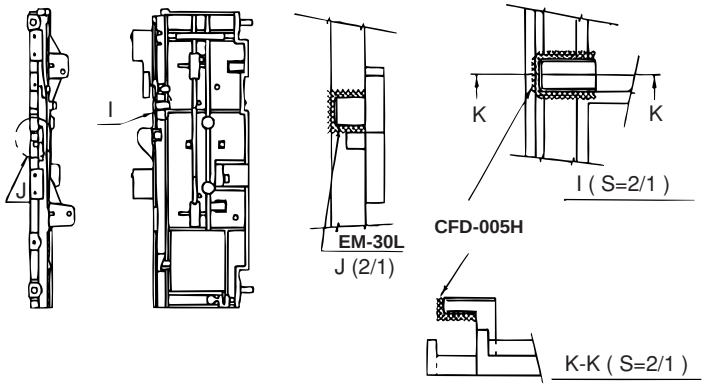
98. FLYWHEEL(LH)ASSY



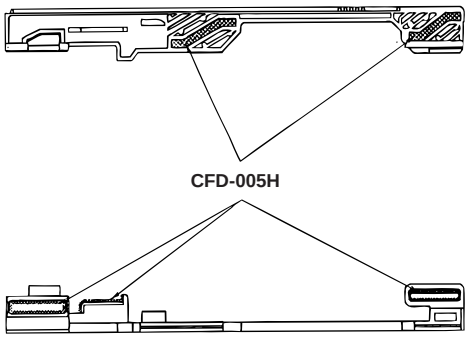
107. GUIDE BASE(R)



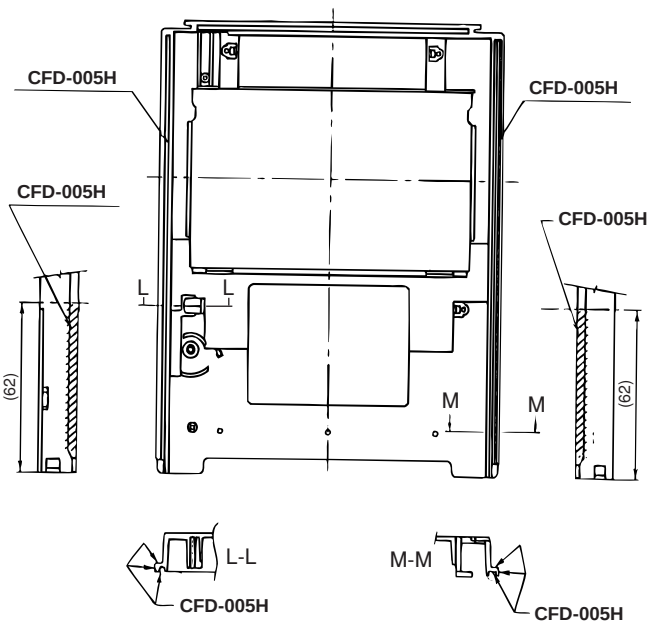
108. GUIDE BASE(L)



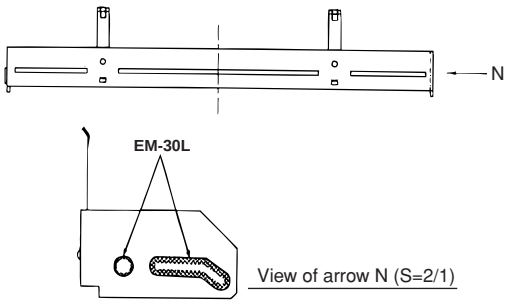
111. SLIDER



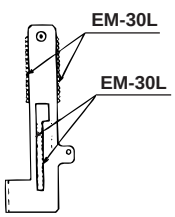
109. TRAY(A)



118. CLAMPER ASSY



120. CLAMPER ARM



■Parts list (Cassette mechanism)

Block No. M6MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	1	EGS-E5A1001	CHASSIS	1		
	3	EGS-E5A3002	CAM GEAR	1		
	4	EGS-E5B3004	TRIGGER ARM	1		
	5	EGS-E5D6006	SPRING	1	TRIGGER ARM	
	17	EGS-E5D6011	SPRING	1	CLUTCH ARM	
	19	EGS-E5D3024	IDLER GEAR	1	REW	
	20	EGS-E5D8002	CAM SCREW	1		
	21	EGS-E5D3030	IDLER GEAR	1	PLAY	
	22	EGS-E5D3062	REEL BUSH(D)	2		
	23	EGS-FC3037	REEL CAP(A)	2		
	24	EGS-MOD6015	B.T SPRING	2		
	25	EGS-E5D3031	REEL GEAR	2		
	26	EGS-E5C5001	HOUSING ASSY(L)	1		
	27	EGS-E5C5002	HOUSING ASSY(R)	1		
	28	EGS-E5B1002	HEAD CHASSIS	1		
	29	EGS-E5C3006	HEAD PLATE	1		
	30	EGS-E5D6003	HEAD SPRING	1		
	31	EGS-E5D6002	HEAD SPRING	1		
	32	EGS-E5D6018	SPRING(B)	1	RETURN GEAR	
	33	EGS-E5D3020	RETURN GEAR	1		
	34	EGS-E5D9009	HEAD WIRE(R/P)	1		
	36	EGS-E5B3003	HEAD BASE	1		
	37	EGS-E5D1004	AZIMUTH PLATE	1		
	38	EGS-MOD8005	AZIMUTH SCREW	2		
	39	EGS-E5D6005	EARTH SPRING	1		
	40	EGS-E5D1005	HEAD PLATE	1		
	41	EGS-E5D2004	ROTATOR COLLAR	1		
	42	EGS-E5C3061	ROTATOR	1		
	43	EGS-PD8011	HEAD WIRE CLAMP	1		
	44	EGS-92432230	ROTATION HEAD	1	R/P KC-9242	
	45	EGS-E5D8003	HEAD SCREW	2		
	52	EGS-E5D3023	CASSETTE GUIDE	1		
	57	EGS-E5C3007	BRAKE ARM	1		
	58	EGS-E5D6001	SPRING	1	BRAKE ARM	
	63	EGS-E5D4007	DRIVE BELT(H)	1		
	64	EGS-E5D4005	CLUTCH BELT(W)	1		
	65	EGS-FDS1037	PACK SPRING(N)	1		
	66	EGS-MOD9038	SOLENOID ASSY(H	1		
	67	EGS-E5D3029	PULLEY GEAR	1		
	68	EGS-MOC9036	REC SWITCH(B)	5		
	69	EGS-E5D9007	IC(PH.INTER.)	1		
	71	EGS-MOC9004	PLAY SWITCH	1		
	72	RD14BB2C222J	RESISTOR	1	2.2K	
	73	EGS-99415181	CONNECTOR	1	IMSA-9604S-15F	
	75	EGS-E5C9019	MECHA BOARD(H)	1		
	79	EGS-8341116108	POLY WASHER	1	4X7X0.4CUT	
	80	EGS-8340419002	NYLON WASHER	1	1.9X5X0.5	
	81	EGS-8340421023	NYLON WASHER	1	2.19X5.5X0.5	
	82	EGS-8341116591	POLY WASHER	1	1.57X5X0.5CUT	
	83	EGS-8341118065	POLY WASHER	1	1.8X6X0.5CUT	
	84	EGS-8340504111	TEFRON WASHER	2	4.1X5.5X0.25	

■Parts list (Cassette mechanism)

Block No. M6MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	85	EGS-8342121030	POLY WASHER	1	2.1X5X0.25	
	86	EGS-8342123076	POLY WASHER	1	2.3X4X0.25	
	88	EGS-8341115998	POLY WASHER	1	1.57X4X0.5 CUT	
	90	EGS-8113112005	TAPPING SCREW	7	M2X5	
	91	EGS-8114512006	TAPPING SCREW	6	M2X6	
	92	EGS-8115512604	SCREW	2	M2.6X4	
	93	EGS-96901033	FILAMENT TAPE	1		
	94	EGS-E5D3055	MECHA BASE(H)AS	1		
	95	EGS-E5D9025	MOTOR ASSY(H)	1		
	96	EGS-E5C3032	CLUCH ASSY	1		
	97	EGS-E5D5007	FLYWHEEL ASSY	1	RH-A	
	98	EGS-E5D5009	FLYWHEEL ASSY	1	LH-A	
	99	EGS-E5D3035	PINCH ROLLER(R)	1		
	100	EGS-E5D3034	PINCH ROLLER(L)	1		
	101	EGS-E5D9022	MOTOR WIRE(H)	1		
	104	EGS-99054172	CONNECTOR	1	S6B-PH	
	105	EGS-8113112004	SCREW	1	M2X4	
	106	EGS-8341140008	POLY WASHER	1	4X1.57X0.13CUT	
	107	EGS-E5A3041	GUIDE BASE(R)	1		
	108	EGS-E5A3042	GUIDE BASE(L)	1		
	109	EGS-E5A3043	TRAY(A)	1		
	110	EGS-E5B3044	TRAY(B)	1		
	111	EGS-E5B3045	SLIDER	1		
	112	EGS-E5C3048	LINK(A)	1		
	113	EGS-E5C3047	LINK(B)	1		
	114	EGS-E5D3050	GEAR(A)	1		
	115	EGS-E5D3051	PULLY GEAR	1		
	116	EGS-E5D3052	STOPPER	1		
	117	EGS-E5C1009	MOTOR HOLDER	1		
	118	EGS-E5C1014	CLAMPER ASSY	1		
	119	EGS-E5D1012	EARTH PLATE	1		
	120	EGS-E5D1010	CLAMPER ARM	1		
	121	EGS-E5D6019	STOPPER SPRING	1		
	122	EGS-E5D6020	SPRING	1	CLAMPER ARM	
	123	EGS-E5D6021	P.RETURN SPRING	1	R	
	124	EGS-E5D6022	P.RETURN SPRING	1	L	
	125	EGS-C3D8010	SCREW(F)	1		
	126	EGS-E1D8012	SCREW(A2)	4		
	127	EGS-E5D4008	BELT(LD)	1		
	128	EGS-E5D8011	SCREW(H)	3		
	129	EGS-E5D9020	PCB(LD)	1		
	131	EGS-E5D1013	GUIDE BASE	1		
	133	EGS-E5D6023	LINK SPRING	1		
	134	EGS-E5D9023	WIRE	1	OPEN	
	135	EGS-E5D9024	WIRE	1	CLOSE	
	136	EGS-94081105	SWITCH	2	MPU10420MLB0	
	137	EGS-99054175	CONNECTOR	1	S5B-PH	
	138	EGS-E5D9026	MOTOR ASSY	1	LD	
	139	EGS-8114512606	SCREW	6	M2.6X6	
	140	EGS-8115712635	SCREW	2	M2.6X3.5	
	141	EGS-8114512008	SCREW	4	M2X8	

■Electrical parts list (Main board) Block No. 05

⚠	Item	Parts number	Parts name	Remarks	Area
	CN632	QGB2510J1-10	CONNECTOR	TO DOLBY PWB	
	CN633	EMV7141-013M	SOCKET ASSY	TO TX	
	CN634	QGB2510J1-15	CONNECTOR	TO CAPS MOTOR	
	CN635	QGA2001C1-07	7P PLUG ASSY	FOR HEAD WIRE	
	CN636	QGB2510J1-06	CONNECTOR	TO DOLBY	
	CN637	QGF1205C1-13	CONNECTOR	TO DOLBY	
	CN641	QGA2501F1-03	CONNECTOR	DOLBY TEST POIN	
	CN642	QGB2510K2-10	CONNECTOR	TO MAIN PWB	
	CN644	QGB2510K2-15	CONNECTOR	TO UCOM PWB	
	CN646	QGB2510K2-06	CONNECTOR	TO MAIN PWB	
	CN647	QGF1205C1-15	CONNECTOR	TO MECHA MOTOR	
	CN667	QGF1205F1-13	CONNECTOR	TO UCOM PWB	
	C6101	QETC1HM-225Z	E CAPACITOR	2.2MF 20% 50V	
	C6102	QCB31HK-122Z	C CAPACITOR	1200PF 10% 50V	
	C6103	QCF11HZ-473	C CAPACITOR	.047MF +80:-20%	
	C6104	QCS11HJ-470	C CAPACITOR	47PF 5% 50V	
	C6105	QFLC1HJ-153Z	M CAPACITOR	.015MF 5% 50V	
	C6106	QFLC1HJ-223Z	M CAPACITOR	.022MF 5% 50V	
	C6107	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6108	QETC1HM-225Z	E CAPACITOR	2.2MF 20% 50V	
	C6109	QCBB1HK-271Y	C CAPACITOR	270PF 10% 50V	
	C6110	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C6111	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C6112	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C6113	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6121	QTE1H28-225Z	E CAPACITOR		
	C6122	QCBB1HK-820Y	C CAPACITOR	82PF 10% 50V	
	C6123	QFLC1HJ-822Z	M CAPACITOR	8200PF 5% 50V	
	C6124	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C6131	QFLC1HJ-821Z	M.CAPACITOR	820PF 5% 50V	
	C6132	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C6171	QETC1HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C6172	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C6173	QETC1HM-474Z	E CAPACITOR	.47MF 20% 50V	
	C6174	QFLC1HJ-154Z	M.CAPACITOR	.15MF 5% 50V	
	C6175	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6176	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C6182	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C6201	QETC1HM-225Z	E CAPACITOR	2.2MF 20% 50V	
	C6202	QCB31HK-122Z	C CAPACITOR	1200PF 10% 50V	
	C6203	QCF11HZ-473	C CAPACITOR	.047MF +80:-20%	
	C6204	QCS11HJ-470	C CAPACITOR	47PF 5% 50V	
	C6205	QFLC1HJ-153Z	M CAPACITOR	.015MF 5% 50V	
	C6206	QFLC1HJ-223Z	M CAPACITOR	.022MF 5% 50V	
	C6207	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6208	QETC1HM-225Z	E CAPACITOR	2.2MF 20% 50V	
	C6209	QCBB1HK-271Y	C CAPACITOR	270PF 10% 50V	
	C6210	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C6211	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C6212	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C6213	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6221	QTE1H28-225Z	E CAPACITOR		
	C6222	QCBB1HK-820Y	C CAPACITOR	82PF 10% 50V	
	C6223	QFLC1HJ-822Z	M CAPACITOR	8200PF 5% 50V	
	C6224	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C6231	QFLC1HJ-821Z	M.CAPACITOR	820PF 5% 50V	
	C6232	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C6271	QETC1HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C6272	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C6273	QETC1HM-474Z	E CAPACITOR	.47MF 20% 50V	
	C6274	QFLC1HJ-154Z	M.CAPACITOR	.15MF 5% 50V	
	C6275	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6276	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	

⚠	Item	Parts number	Parts name	Remarks	Area
	C6282	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C6301	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C6302	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C6303	QDGB1HK-102Y	C CAPACITOR		
	C6304	QFN31HJ-473Z	M CAPACITOR	.047MF 5% 50V	
	C6321	QETC1EM-107Z-JB	E CAPACITOR	100MF 20% 25V	
	C6322	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C6331	QETC1CM-107Z	E CAPACITOR	100MF 20% 16V	
	C6341	QDVB1EZ-223Y	C CAPACITOR		
	C6342	QDVB1EZ-223Y	C CAPACITOR		
	C6343	QETC1HM-104Z	E CAPACITOR	.10MF 20% 50V	
	C6344	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6351	QFP32AJ-682Z	PP CAPACITOR	6800PF 5% 100V	
	C6353	QFLC1HJ-103Z	M CAPACITOR	.010MF 5% 50V	
	C6354	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6355	QFLC1HJ-222Z	M CAPACITOR	2200PF 5% 50V	
	C6356	QFLC1HJ-682Z	M CAPACITOR	6800PF 5% 50V	
	C6357	QFLC1HJ-222Z	M CAPACITOR	2200PF 5% 50V	
	C6358	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C6359	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6360	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C6371	QCF31HZ-223Z	C CAPACITOR	.022MF +80:-20%	
	C6372	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C6373	QDGB1HK-102Y	C CAPACITOR		
	C6374	QETC1CM-226Z	E CAPACITOR	22MF 20% 16V	
	C6375	QETC1CM-106Z	E CAPACITOR	10MF 20% 16V	
	C6377	QETC1CM-106Z	E CAPACITOR	10MF 20% 16V	
	C6378	QFN31HJ-224Z	M.CAPACITOR	.22MF 5% 50V	
	C6379	QFN31HJ-224Z	M.CAPACITOR	.22MF 5% 50V	
	C6380	QETC1CM-227Z	E CAPACITOR	220MF 20% 16V	
	C6601	QDGB1HK-102Y	C CAPACITOR		
	C6602	QDGB1HK-102Y	C CAPACITOR		
	C6703	QCZ0202-155Z	ML C CAPACITOR	1.5MF	
	C6704	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C6705	QETC1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C6706	QDVB1EZ-223Y	C CAPACITOR		
	C6707	QDGB1HK-102Y	C CAPACITOR		
	C6708	QDGB1HK-102Y	C CAPACITOR		
	C6709	QDGB1HK-102Y	C CAPACITOR		
	C6710	QDGB1HK-102Y	C CAPACITOR		
	C6711	QDGB1HK-102Y	C CAPACITOR		
	C6712	QDGB1HK-102Y	C CAPACITOR		
	C6733	QETC1AM-477Z	E CAPACITOR	470MF 20% 10V	
	C6734	QFLC1HJ-103Z	M CAPACITOR	.010MF 5% 50V	
	C6735	QDVB1EZ-223Y	C CAPACITOR		
	C6736	QETC1CM-107Z-JB	E CAPACITOR	100MF 20% 16V	
	D6351	1SS133-T2	SI DIODE		
	D6371	1SS133-T2	SI DIODE		
	D6601	SLR-342DC-T	LED	DOLBY ORENG	
	D6602	SLR-342DC-T	LED	REVERSE ORENG	
	D6603	SLR-342DC-T	LED	FWD ORENG	
	D6604	SLR-342DC-T	LED	REV ORENG	
	D6605	SLR-342VC-T	LED	REC RED	
	D6606	SELU1E10CXM	LED	BLUE	
	D6607	MTZJ10C-T2	Z.DIODE		
	D6608	1SS133-T2	SI DIODE		
	D6609	1SS133-T2	SI DIODE		
	D6610	1SS133-T2	SI DIODE		
	D6702	1SS133-T2	SI DIODE		
	D6703	1SS133-T2	SI DIODE		
	D6704	1SS133-T2	SI DIODE		
	D6705	1SS133-T2	SI DIODE		
	D6711	1SS133-T2	SI DIODE		

■Electrical parts list (Main board) Block No. 05

⚠	Item	Parts number	Parts name	Remarks	Area
	D6712	1SS133-T2	SI DIODE		
	D6731	MTZJ6.2B-T2	ZENER DIODE		
	D6732	11E2-T5	DIODE		
	EP601	QNZ0136-001Z	EARTH PLATE		
	EP602	E409182-001SM	GRAND TERMINAL		
	EP603	E409182-001SM	GRAND TERMINAL		
	EP604	QNZ0136-001Z	EARTH PLATE		
	IC631	NJM4580L	IC		
	IC632	UPC1228HA	IC		
	IC633	UPC1330HA	IC		
	IC634	BA8221AN	IC		
	IC635	HA12136A	IC		
	IC671	MN171601ADL	IC		
	IC673	LB1641	IC		
	IC675	MN1381/PQ/-T	IC		
	L6101	QQL30BJ-562Z	INDUCTOR		
	L6102	QQL30BJ-223Z	INDUCTOR		
	L6201	QQL30BJ-562Z	INDUCTOR		
	L6202	QQL30BJ-223Z	INDUCTOR		
	L6351	QQR0588-001	OSC COIL		
	L6711	QQL231K-1R0Y	INDUCTOR		
	L6712	QQL01BK-100Z	INDUCTOR		
	Q6101	KRC114M-T	TRANSISTOR		
	Q6121	2SK301/PQ/-T	TRANSISTOR(FET)		
	Q6171	2SC3576-JVC-T	TRANSISTOR		
	Q6172	2SC3576-JVC-T	TRANSISTOR		
	Q6173	2SC3576-JVC-T	TRANSISTOR		
	Q6201	KRC114M-T	TRANSISTOR		
	Q6221	2SK301/PQ/-T	TRANSISTOR(FET)		
	Q6271	2SC3576-JVC-T	TRANSISTOR		
	Q6272	2SC3576-JVC-T	TRANSISTOR		
	Q6273	2SC3576-JVC-T	TRANSISTOR		
	Q6341	2SC2785/FE/-T	TRANSISTOR		
	Q6342	2SC2785/FE/-T	TRANSISTOR		
	Q6351	2SC3576-JVC-T	TRANSISTOR		
	Q6352	2SC3576-JVC-T	TRANSISTOR		
	Q6353	2SC1740S/RS/-T	TRANSISTOR		
	Q6354	2SC1740S/RS/-T	TRANSISTOR		
	Q6371	KRA107M-T	D.TRANSISTOR		
	Q6731	2SC2001/LK/-T	TRANSISTOR		
	Q6732	2SC2785/FE/-T	TRANSISTOR		
	Q6733	2SD400MP/EF/-T	TRANSISTOR		
	Q6734	KRA104M-T	D.TRANSISTOR	PHOTO DTC	
	Q6735	2SC2785/FE/-T	TRANSISTOR	PHOTO DTC	
	R6101	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6102	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R6103	QRE141J-333Y	C RESISTOR	33K 5% 1/4W	
	R6104	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6105	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R6106	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R6107	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R6108	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R6109	QRE141J-683Y	C RESISTOR	68K 5% 1/4W	
	R6110	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6121	QRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
	R6122	QRE141J-912Y	C RESISTOR	9.1K 5% 1/4W	
	R6123	QRE141J-334Y	C RESISTOR	330K 5% 1/4W	
	R6124	QRE141J-271Y	C RESISTOR	270 5% 1/4W	
	R6125	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R6126	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R6127	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6131	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R6171	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	

⚠	Item	Parts number	Parts name	Remarks	Area
	R6172	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R6173	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6174	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R6175	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R6176	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R6177	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6178	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R6179	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R6201	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6202	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R6203	QRE141J-333Y	C RESISTOR	33K 5% 1/4W	
	R6204	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6205	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R6206	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R6207	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R6208	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R6209	QRE141J-683Y	C RESISTOR	68K 5% 1/4W	
	R6210	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6221	QRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
	R6222	QRE141J-912Y	C RESISTOR	9.1K 5% 1/4W	
	R6223	QRE141J-334Y	C RESISTOR	330K 5% 1/4W	
	R6224	QRE141J-271Y	C RESISTOR	270 5% 1/4W	
	R6225	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R6226	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R6227	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6231	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R6271	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R6272	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R6273	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6274	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R6275	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R6276	QRE141J-223Y	C RESISTOR	PB OUT 300MV	
	R6277	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6278	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R6279	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R6301	QRE141J-181Y	C RESISTOR	180 5% 1/4W	
	R6302	QRE141J-181Y	C RESISTOR	180 5% 1/4W	
	R6321	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R6322	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R6331	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R6341	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R6342	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R6343	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R6344	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6345	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R6346	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6347	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R6351	QRJ146J-100X	UNF.C RESISTOR	10 5% 1/4W	
	R6352	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R6353	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6354	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R6355	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R6356	QRE141J-511Y	C RESISTOR	510 5% 1/4W	
	R6357	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R6358	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6359	QRJ146J-6R8X	UNF C.RESISTOR	6.8 5% 1/4W	
	R6360	QRE141J-563Y	C RESISTOR	56K 5% 1/4W	
	R6361	QRE141J-563Y	C RESISTOR	56K 5% 1/4W	
	R6363	QRJ146J-100X	UNF.C RESISTOR	10 5% 1/4W	
	R6367	QRE141J-474Y	C RESISTOR	470K 5% 1/4W	
	R6371	QRE141J-224Y	C RESISTOR	220K 5% 1/4W	
	R6372	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R6373	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	

■Electrical parts list (Main board) Block No. 05

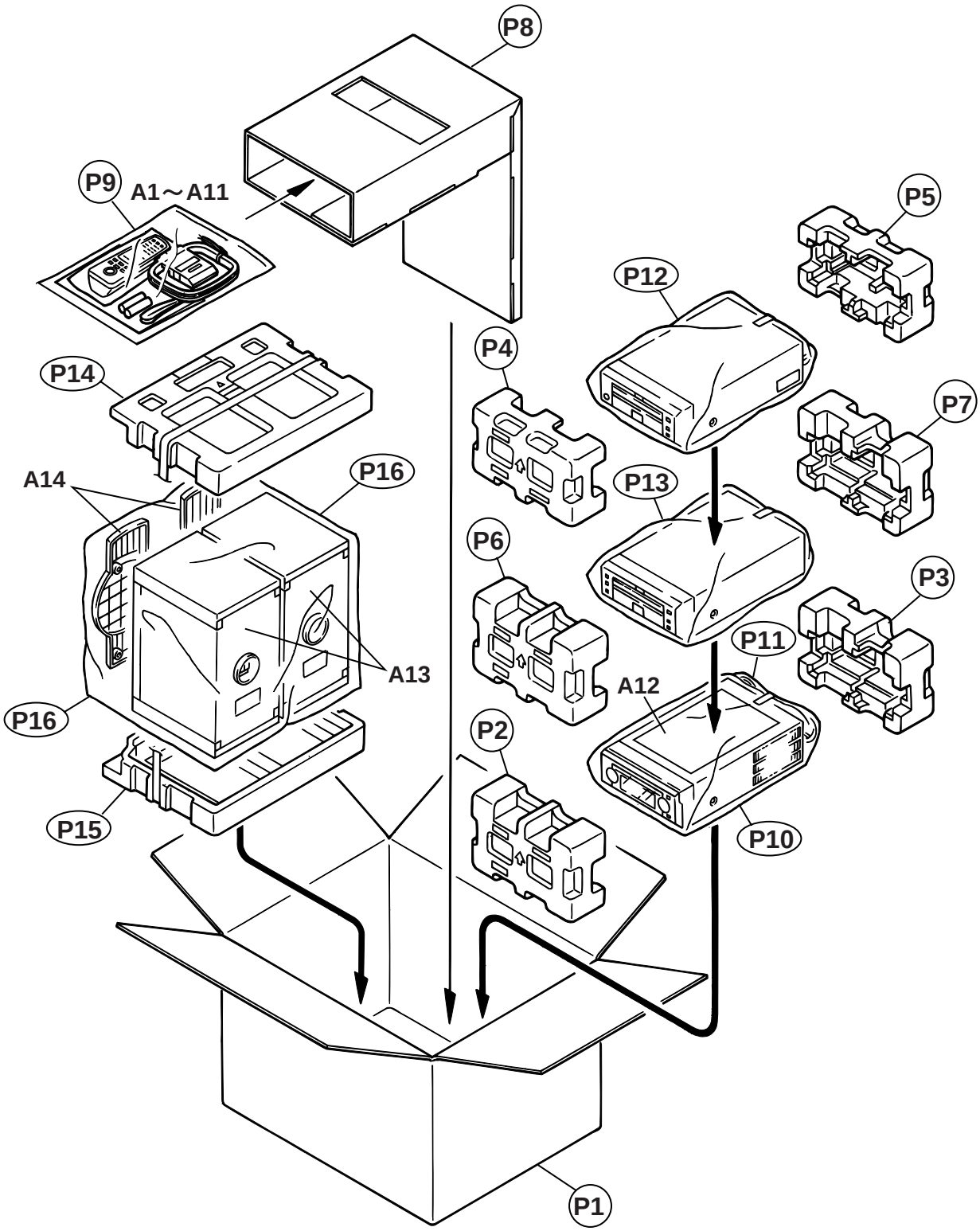
⚠	Item	Parts number	Parts name	Remarks	Area
	R6374	QRZ9005-220X	F.RESISTOR	22 1/0W	
	R6376	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R6601	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R6602	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R6603	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R6604	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R6605	QRE141J-161Y	C RESISTOR	160 5% 1/4W	
	R6606	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R6607	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6608	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6609	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6610	QRE141J-111Y	C RESISTOR	110 5% 1/4W	
	R6611	QRE141J-111Y	C RESISTOR	110 5% 1/4W	
	R6701	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6702	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6703	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6704	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6705	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6706	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6707	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6708	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6709	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6710	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6711	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6712	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R6714	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R6715	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6716	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6730	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R6731	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6732	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R6733	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R6734	QRE141J-334Y	C RESISTOR	330K 5% 1/4W	
	R6735	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6736	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R6737	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R6738	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R6739	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R6740	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R6741	QRJ146J-1R0X	UNF C.RESISTOR	1.0 5% 1/4W	
	R6742	QRL01DJ-220X	OMF RESISTOR	22 5% 1/1W	
	R6743	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R6744	QRL01DJ-220X	OMF RESISTOR	22 5% 1/1W	
	R6745	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	SS601	LV41684-001A	SPRING		
	SS602	LV41684-001A	SPRING		
	S6601	QSW0674-001Z	TACT SWITCH		
	S6602	QSW0674-001Z	TACT SWITCH		
	S6603	QSW0674-001Z	TACT SWITCH		
	S6604	QSW0674-001Z	TACT SWITCH		
	S6605	QSW0674-001Z	TACT SWITCH		
	S6606	QSW0674-001Z	TACT SWITCH		
	TP631	QNZ0104-001	POST PIN		
	TP632	QNZ0104-001	POST PIN		
	VR611	QVP0004-501Z	SEMI.V.RESISTOR	H TYPE	
	VR612	QVP0004-104Z	SEMI.V.RESISTOR	H TYPE	
	VR613	QVP0004-104Z	SEMI.V.RESISTOR	H TYPE	
	VR614	QVP0008-503Z	SEMI.V.RESISTOR	V TYPE	
	VR621	QVP0004-501Z	SEMI.V.RESISTOR	H TYPE	
	VR622	QVP0004-104Z	SEMI.V.RESISTOR	H TYPE	
	VR623	QVP0004-104Z	SEMI.V.RESISTOR	H TYPE	
	VR624	QVP0008-503Z	SEMI.V.RESISTOR	V TYPE	
	VR671	QVP0008-102Z	SEMI.V.RESISTOR	V TYPE	

⚠	Item	Parts number	Parts name	Remarks	Area
	W 648	QJK016-051600	SIN CR C-B WIRE		
	X6701	QAX0247-001Z	RESONATOR		

Packing materials and accessories parts list

Block: No. M 7 M M

Block: No. M 8 M M



■Packing parts list

Block No. M7MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	P 1	LV31463-008A	PACKING CASE	1		
	P 2	LV20535-001A	PACKING PAD	1	FRONT(FOR AX)	
	P 3	LV20535-002A	PACKING PAD	1	REAR (FOR AX)	
	P 4	LV20639-001A	PACKING PAD	1	FRONT(FOR XT)	
	P 5	LV20639-002A	PACKING PAD	1	REAR (FOR XT)	
	P 6	LV20535-001A	PACKING PAD	1	FRONT(FOR TD)	
	P 7	LV20535-002A	PACKING PAD	1	REAR (FOR TD)	
	P 8	LV31979-001A	SPACER	1		
	P 9	QPC02503510P	POLY BAG	1		
	P 10	LV30246-006A	POLY BAG	1	RED(FOR AX)	
	P 11	QPA01001505	POLY BAG	1		UB
	P 12	LV30246-007A	POLY BAG	1	ORANGE(FOR XT)	
	P 13	LV30246-008A	POLY BAG	1	YELLOW(FOR TD)	
	P 14	8000041101	SPEAKER CUSHION	1	TOP	
	P 15	8000041111	SPEAKER CUSHION	1	BOTTOM	
	P 16	8500028981	POLY BAG	2	SPEAKER	

■Accessories list

Block No. M8MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	A 1	LVT0377-003A	INST BOOK	1	KOR	UP
		LVT0377-001A	INST BOOK	1	ENG,CHI,SPA	U,UB
	A 2	EWPZ01-012	GND WIRE	1		
	A 3	VMP0133-001	SPK.CORD(2PCS)	1		
	A 4	RM-SUXG6E	REMOCON	1		
	A 5	----------	BATTERY	1		
	A 6	EWP503-001C	ANT.WIRE	1		
	A 7	QAL0014-001	AM LOOP ANT	1		
	A 8	QAM0060-001	SIEMENS PLUG	1		U
	A 9	LV30258-066A	UB SHEET	1		
	A 11	BT-56004-6	W.CARD	1		
	A 12	E43486-696A	CATION SHEET	1		
	A 13	UXG6R-SPBOX	SPEAKER BOXASSY	2		
	A 14	LV10294-001A	SPEAKER NET	2		

JVC

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