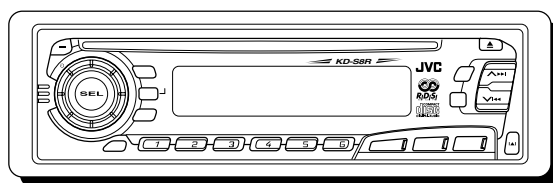
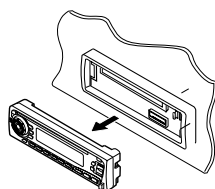


JVC

SERVICE MANUAL

CD RECEIVER

KD-S8R



Area Suffix

E ----- Continental Europe
EX ---- Central Europe

KD-S8R is a change model of KD-S777.

Additionally, please refer to KD-S777 (service manual issue No.49542) because the service manual is a comparison table with KD-S777.

KD-S8R


JVC

VICTOR COMPANY OF JAPAN, LIMITED

MOBILE ELECTRONICS DIVISION

PERSONAL & MOBILE NETWORK B.U. 10-1,1Chome,Ohwatari-machi,Maebashi-city,Japan

(No.49572)

 Printed in Japan
200009(V)

JVC



ENGLISH

DEUTSCH

FRANÇAIS

NEDERLANDS

CD RECEIVER

CD-RECEIVER

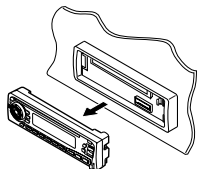
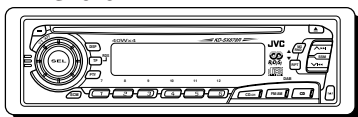
RECEPTEUR CD

CD-RECEIVER

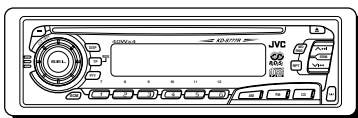
KD-SX878R/KD-S777R/KD-S8R



KD-SX878R



KD-S777R



KD-S8R



COMPACT
disc
DIGITAL AUDIO

For installation and connections, refer to the separate manual.

Für den Einbau und die Anschlüsse siehe das eigenständige Handbuch.

Pour l'installation et les raccordements, se référer au manuel séparé.

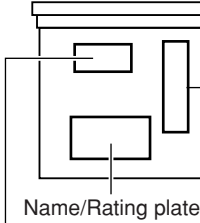
Bijzonderheden over de installatie en aansluiting van het apparaat vindt u in de desbetreffende handleiding.

INSTRUCTIONS

BEDIENUNGSANLEITUNG
MANUEL D'INSTRUCTIONS
GEBRUIKSAANWIJZING

Position And Reproduction Of Labels

Bottom panel of the main unit



Name/Rating plate



Caution:

This product contains a laser component of higher laser class than Class 1.

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

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

WARNING: Osynlig laserstråling når denna del är öppnad och spärren är urkopplad. Beträkta ej strålen. (s)

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

IMPORTANT FOR LASER PRODUCTS

Precautions:

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. Leave all servicing to qualified service personnel.
4. **CAUTION:** This CD player uses invisible laser radiation and is equipped with safety switches to prevent radiation emission when unloading CDs. It is dangerous to defeat the safety switches.
5. **CAUTION:** Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

How to reset your unit

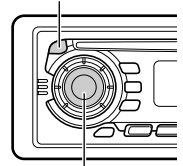
Press and hold both the SEL (Select) and $\text{O}/\text{I}/\text{ATT}$ (Standby/On/ATT) buttons at the same time for several seconds.

This will reset the built-in microcomputer.

Notes:

- Your preset adjustments — such as preset channels or sound adjustments — will also be erased.
- If a CD is in the unit, it will eject when you reset the unit. Pay attention not to drop the CD.

$\text{O}/\text{I}/\text{ATT}$
(Standby/On/ATT)



SEL (Select)

Note:

For security reasons, a numbered ID card is provided with this unit, and the same ID number is imprinted on the unit's chassis. Keep the card in a safe place, as it will help the authorities to identify your unit if stolen.

BEFORE USE

* For safety....

- Do not raise the volume level too much, as this will block outside sounds, making driving dangerous.
- Stop the car before performing any complicated operations.

* Temperature inside the car....

If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit.

Thank you for purchasing a JVC product. Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

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(Network-Tracking Reception) 10

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Automatic selection of the station when using the number buttons 16

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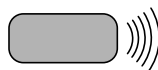
Recalling the sound modes 24

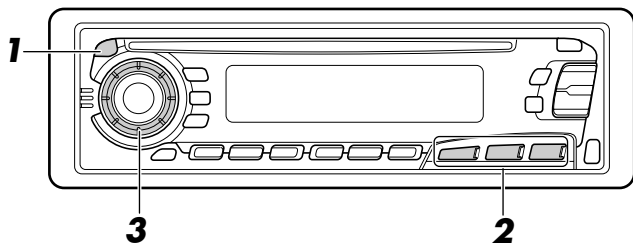
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Note:

When you use this unit for the first time, set the built-in clock correctly. (See page 26.)



Turn on the power.

Note on One-Touch Operation:

When you select a source in step 2 below, the power automatically comes on. You do not have to press this button to turn on the power.

2 KD-SX878R



KD-S777R/KD-S8R



Select the source.

To operate the tuner, see pages 6 – 17.

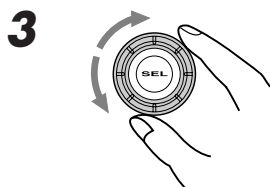
To operate the CD player, see pages 18 – 21.

ONLY FOR KD-SX878R

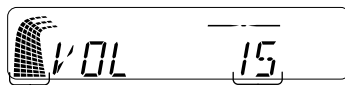
To operate the CD changer, see pages 34 – 36.

To operate the external component, see page 37.

To operate the DAB tuner, see pages 38 – 42.



Adjust the volume.



Volume level indicator

Volume level appears.

4 Adjust the sound as you want (see pages 22 – 25).

To drop the volume in a moment

Press briefly while listening to any source. “ATT” starts flashing on the display, and the volume level will drop in a moment.

To resume the previous volume level, press the button briefly again.

To turn off the power

Press for more than 1 second.

CAUTION on Volume Setting

CDs produce very little noise compared with other sources. If the volume level is adjusted for the tuner, for example, the speakers may be damaged by the sudden increase in the output level. Therefore, lower the volume before playing a disc and adjust it as required during playback.

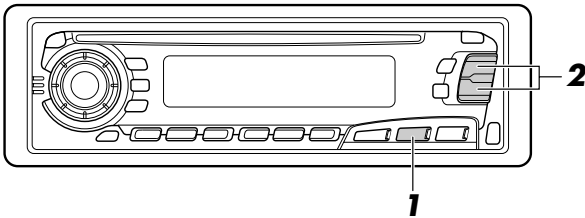


RADIO BASIC OPERATIONS

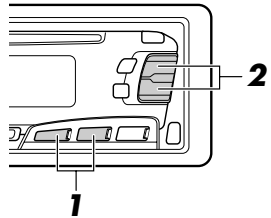
ENGLISH

Listening to the radio

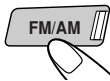
KD-SX878R



KD-S777R/KD-S8R

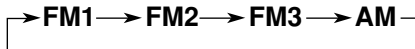


1 KD-SX878R

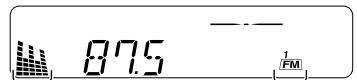
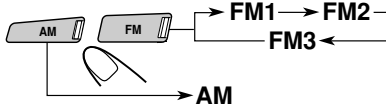


Select the band (FM1, FM2, FM3 or AM).

You can select any one of FM1, FM2, and FM3 to listen to an FM station.



KD-S777R/KD-S8R



Audio (see page 29) or volume level indicator

Selected band appears.

2

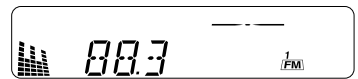


To search stations of higher frequencies.

To search stations of lower frequencies.

Start searching a station.

When a station is received, searching stops.



To stop searching before a station is received, press the same button you have pressed for searching.

To tune in a particular frequency without searching

1 Select the band (FM or AM).

For KD-SX878R: Press FM/AM repeatedly.

For KD-S777R/KD-S8R: Press FM or AM.

2 Press and hold $\blacktriangle\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft$ until "M" (for Manual) starts flashing on the display.

Now you can manually change the frequency while "M" is flashing.

3 Press $\blacktriangle\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft$ repeatedly until the frequency you want is reached.

- If you hold down the button, the frequency keeps changing (in 50 kHz intervals for FM and 9kHz intervals for AM-MW/LW) until you release the button.

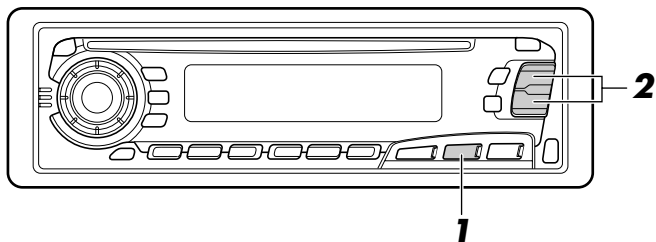
Storing stations in memory

You can use one of the following two methods to store broadcasting stations in memory.

- Automatic preset of FM stations: SSM (Strong-station Sequential Memory)
- Manual preset of both FM and AM stations

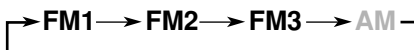
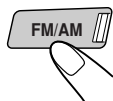
FM station automatic preset: SSM

You can preset 6 local FM stations in each FM band (FM1, FM2 and FM3).

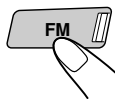
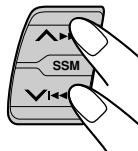

1

Select the FM band number (FM1, FM2 or FM3) you want to store FM stations into.

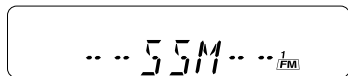
KD-SX878R



KD-S777R/KD-S8R


2


Press and hold both buttons for more than 2 seconds.



“SSM” appears, then disappears when automatic preset is over.

Local FM stations with the strongest signals are searched and stored automatically in the band number you have selected (FM1, FM2 or FM3). These stations are preset in the number buttons—No. 1 (lowest frequency) to No. 6 (highest frequency).

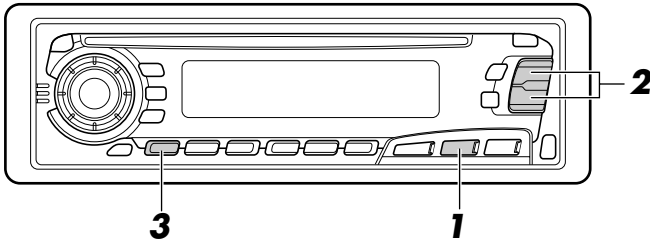
When automatic preset is over, the station stored in number button 1 will be automatically tuned in.



Manual preset

You can preset up to 6 stations in each band (FM1, FM2, FM3 and AM) manually.

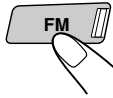
EXAMPLE: Storing an FM station of 88.3 MHz into the preset channel number 1 of the FM1 band



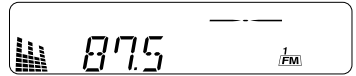
1 KD-SX878R



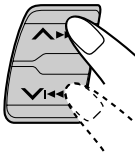
KD-S777R/KD-S8R



Select the FM1 band.



2



Tune into a station of 88.3 MHz.

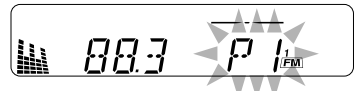
See page 6 to tune into a station.



3



Press and hold the number button (in this example, 1) for more than 2 seconds.



"P1" flashes for a few seconds.

4

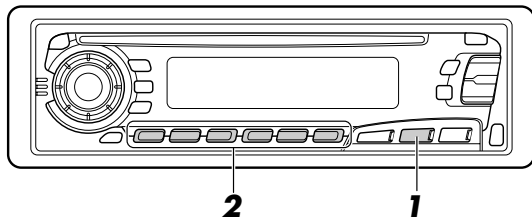
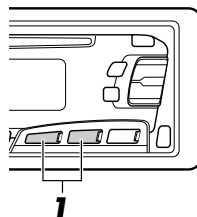
Repeat the above procedure to store other stations into other preset channel numbers.

Notes:

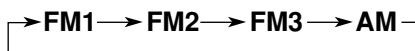
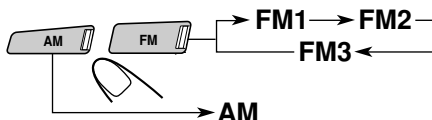
- A previously preset station is erased when a new station is stored in the same preset channel number.
- Preset stations are erased when the power supply to the memory circuit is interrupted (for example, during battery replacement). If this occurs, preset the stations again.

Tuning into a preset station

You can easily tune into a preset station. Remember that you must store stations first. If you have not stored them yet, see pages 7 and 8.

KD-SX878R

KD-S777R/KD-S8R


1 Select the band (FM1, FM2, FM3 or AM) you want.

KD-SX878R

KD-S777R/KD-S8R


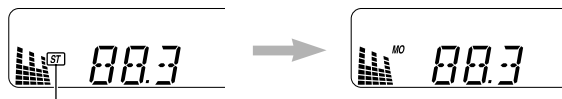
2

Select the number (1 – 6) for the preset station you want.

Selecting FM reception sound

When an FM stereo broadcast is hard to receive:

Press MO RND (Monaural/Random) while listening to an FM stereo broadcast. The MO indicator lights up on the display. The sound you hear becomes monaural but reception will be improved.



Lights up when receiving an FM broadcast in stereo.

To restore the stereo effect, press the same button again.



What you can do with RDS EON

RDS (Radio Data System) allows FM stations to send an additional signal along with their regular programme signals. For example, the stations send their station names, as well as information about what type of programme they broadcast, such as sports or music, etc. Another advantage of RDS function is called “EON (Enhanced Other Networks).” The EON indicator lights up while receiving an FM station with the EON data. By using the EON data sent from a station, you can tune into a different station of a different network broadcasting your favorite programme or traffic announcement while listening to another programme or to another source such as CD.

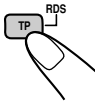
- By receiving the RDS data, this unit can do the following:
- Tracing the same programme automatically (Network-Tracking Reception)
 - Standby Reception of TA (Traffic Announcement) or your favorite programme
 - PTY (Programme Type) search
 - TP (Traffic Programme) search
 - And some other functions

Tracing the same programme automatically (Network-Tracking Reception)

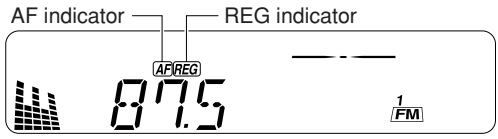
When driving in an area where FM reception is not good, the tuner built in this unit automatically tune in another RDS station, broadcasting the same programme with stronger signals. So, you can continue to listen to the same programme in its finest reception, no matter where you drive. (See the illustration on the next page.)

Two types of the RDS data are used to make Network-Tracking Reception work correctly — PI (Programme Identification) and AF (Alternative Frequency).

Without receiving these data correctly from the RDS station you are listening to, Network-Tracking Reception will not operate.



To use Network-Tracking Reception, press and hold TP RDS (Traffic Programme/Radio Data System) for more than 1 second. Each time you press and hold the button, Network-Tracking Reception modes change as follows:





Mode 1

The AF indicator lights up but the REG indicator does not.
Network-Tracking is activated with Regionalization set to “off.”
Switches to another station within the same network when the receiving signals from the current station become weak.

Note:

In this mode, the programme may differ from the one currently received.

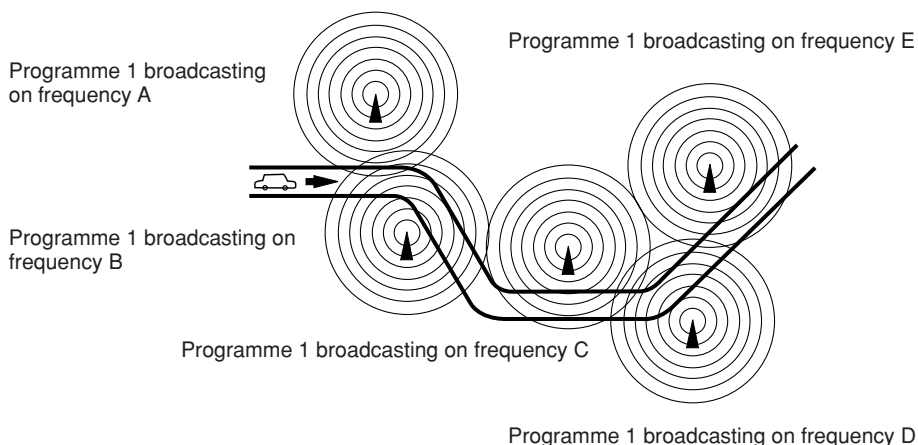
Mode 2

Both the AF indicator and the REG indicator light up.
Network-Tracking is activated with Regionalization set to “on.”
Switches to another station, within the same network, broadcasting the same programme when the receiving signals from the current station become weak.

Mode 3

Neither the AF indicator nor the REG indicator lights up.
Network-Tracking is deactivated.

The same programme can be received on different frequencies.





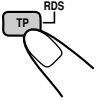
Using Standby Reception

Standby Reception allows the unit to switch temporarily to your favorite programme (PTY: Programme Type) and Traffic Announcement (TA) from the current source — another FM station and CD.

Note:

Standby Reception will not work if you are listening to an AM station.

TA Standby Reception



- When you press TP RDS while listening to an FM station, the TP indicator is lit during reception of a TP (Traffic Programme) station and the TA standby mode is engaged.

Note:

When the station being received is not a TP station, the TP indicator flashes. Press \blacktriangle \blacktriangleright | or \blacktriangledown | \blacktriangleleft to engage the TA standby mode. “SEARCH” appears on the display, and TP station search starts. When a TP station is tuned in, the TP indicator is lit.

- If you are listening to a CD, and wish to listen to a TP station, press TP RDS to enter the TA standby mode. (The TP indicator lights up.)

If a traffic programme starts broadcasting while the TA standby mode is active, “TRAFFIC” appears and the playback source changes to the FM band. The volume increases to the preset TA volume level and the traffic programme can be heard (see page 17).

To deactivate the TA standby mode, press TP RDS again.

PTY Standby Reception



- When you press PTY while listening to an FM station, the PTY indicator is lit during reception of a PTY station and the PTY standby mode is engaged. The selected PTY name stored on page 14 flashes for 5 seconds.

Note:

When the station being received is not a PTY station, the PTY indicator flashes. Press \blacktriangle \blacktriangleright | or \blacktriangledown | \blacktriangleleft to engage the PTY standby mode. “SEARCH” appears on the display, and PTY station search starts. When a PTY station is tuned in, the PTY indicator is lit.

- If you are listening to a CD, and wish to listen to a selected PTY broadcast, press PTY to enter the PTY standby mode. (The PTY indicator lights up.)

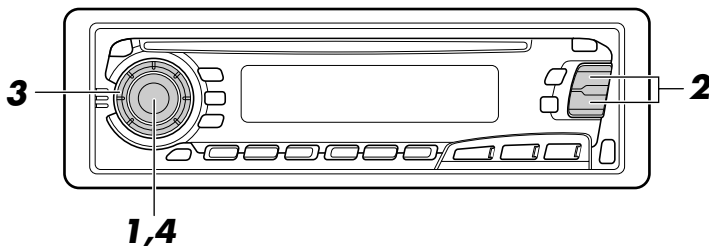
If the selected PTY programme starts broadcasting while the PTY standby mode is active, the selected PTY name appears and the playback source changes to the FM band. The selected PTY programme can then be heard.

To deactivate the PTY standby mode, press PTY again.

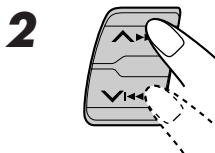


Selecting Your Favorite Programme for PTY Standby Reception

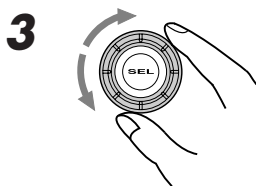
You can select your favorite programme for PTY Standby Reception to store in memory. When shipped from the factory, "NEWS" is stored as the programme type for PTY Standby Reception.



Press and hold SEL (select) for more than 2 seconds to enter the general setting mode (see page 27).



Select "PTY STBY (standby)" if not shown on the display.



Select one of twenty-nine PTY codes. (See page 16.)
Selected code name appears on the display and is stored into memory.



Finish the setting.

Searching Your Favorite Programme

You can search one of your 6 favorite programme types stored in memory. When shipped from the factory, the following 6 programme types have been stored in the number buttons (1 to 6).

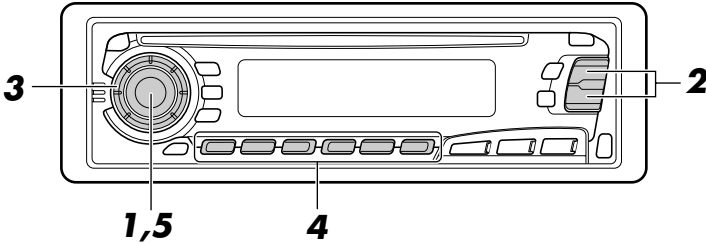
To change the factory preset settings, see page 14.

To search your favorite programme, see page 15.

1	2	3	4	5	6
POP M	ROCK M	EASY M	CLASSICS	AFFAIRS	VARIED



To store your favorite programme types

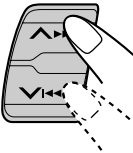


1



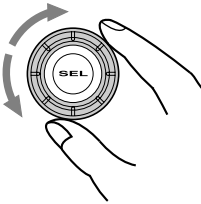
Press and hold SEL (select) for more than 2 seconds to enter the general setting mode (see page 27).

2



Select "PTY SRCH (search)" if not shown on the display.

3



Select one of twenty-nine PTY codes. (See page 16.)

Selected code name appears on the display.

- If the code already stored in memory is selected, it will flash on the display.

4



Press and hold the number button for more than 2 seconds to store the PTY code selected into the preset number you want.

The selected code name will flash on the display.

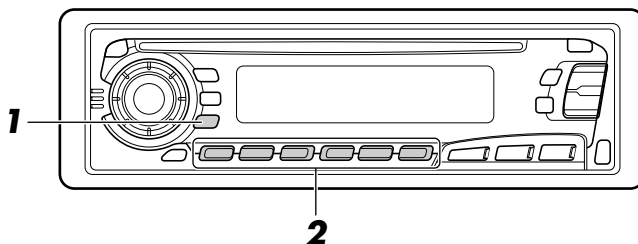
5



Finish the setting.

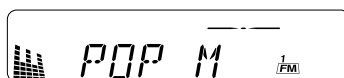
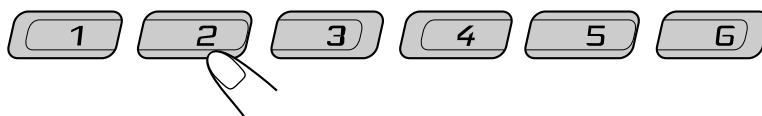


To search your favorite programme type

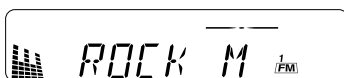
**1**

Press and hold PTY (programme type) for more than 1 second while listening to an FM station.

The last selected PTY code appears.

**2**

Select one of PTY codes stored in preset number buttons (1 to 6).



Ex. When "ROCK M" is stored in preset number button 2.

PTY search for your favorite programme starts after 5 seconds.

- If there is a station broadcasting a programme of the same PTY code you selected, that station is tuned in.
- If there is no station broadcasting a programme of the same PTY code you selected, the station will not change.

Note:

In some areas, the PTY search will not work correctly.



Other convenient RDS functions and adjustments

Automatic selection of the station when using the number buttons

Usually when you press the number button, the preset station is tuned in.

However, when the preset station is an RDS station, something different will happen. If the signals from that preset station are not sufficient for good reception, this unit, using the AF data, tunes in another frequency broadcasting the same programme as the original preset station is broadcasting. In case no other station is tuned in, you can also search all receivable frequencies for the same programme. (Programme search) To activate programme search, follow the procedure below.

- Programme search takes a while.
- See also “Changing the general settings” on page 27.

1. Press and hold SEL (select) for more than 2 seconds to call up the general setting mode.
2. Press **▲▶▶** or **▼◀◀** to select “P(programme)-SEARCH.”
3. Select “ON” by turning the control dial clockwise.

Now programme search is activated.

To cancel programme search, repeat the same procedure and select “OFF” in step 3 by turning the control dial counterclockwise.

PTY codes

NEWS:	News	SOCIAL:	Programmes on social activities
AFFAIRS:	Topical programmes expanding on current news or affairs	RELIGION:	Programmes dealing with any aspect of belief or faith, or the nature of existence or ethics
INFO:	Programmes which impart advice on a wide variety of topics	PHONE IN:	Programmes where people can express their views either by phone or in a public forum
SPORT:	Sport events	TRAVEL:	Programmes about travel destinations, package tours, and travel ideas and opportunities
EDUCATE:	Educational programmes	LEISURE:	Programmes concerned with recreational activities such as gardening, cooking, fishing, etc.
DRAMA:	Radio plays	JAZZ:	Jazz music
CULTURE:	Programmes on national or regional culture	COUNTRY:	Country music
SCIENCE:	Programmes on natural science and technology	NATION M:	Current popular music from another nation or region, in that country's language
VARIED:	Other programmes like comedies or ceremonies	OLDIES:	Classic pop music
POP M:	Pop music	FOLK M:	Folk music
ROCK M:	Rock music	DOCUMENT:	Programmes dealing with factual matters, presented in an investigative style
EASY M:	Easy-listening music		
LIGHT M:	Light music		
CLASSICS:	Classical music		
OTHER M:	Other music		
WEATHER:	Weather information		
FINANCE:	Reports on commerce, trading, the Stock Market, etc.		
CHILDREN:	Entertainment programmes for children		



Changing the display mode while listening to an FM station

You can change the initial indication on the display to station name (PS NAME), station frequency (FREQ), or clock time (CLOCK) while listening to an FM RDS station.

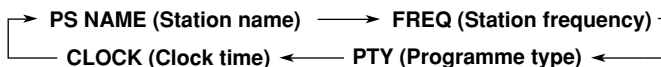
• See also “Changing the general settings” on page 27.

1. Press and hold SEL (select) for more than 2 seconds to call up the general setting mode.
2. Press \blacktriangle \blacktriangleright or \blacktriangleright \blacktriangleleft to select “DISPMODE (display mode).”
3. Set to the desired indication (station name, station frequency or clock time) with the control dial.

Note:

By pressing DISP, you can also change the display while listening to an FM RDS station.

Each time you press the button, the following information appears on the display:



* Then, the display goes back to the original indication in several seconds.

Setting the TA volume level

You can preset the volume level for TA Standby Reception. When a traffic programme is received, the volume level automatically changes to the preset level.

• See also “Changing the general settings” on page 27.

1. Press and hold SEL (select) for more than 2 seconds to call up the general setting mode.
2. Press \blacktriangle \blacktriangleright or \blacktriangleright \blacktriangleleft to select “TA VOL (volume).”
3. Set to the desired volume level with the control dial.

Automatic clock adjustment

When shipped from the factory, the clock built in this unit is set to be readjusted automatically using the CT (Clock Time) data in the RDS signal.

If you do not want to use automatic clock adjustment, follow the procedure below.

• See also “Changing the general settings” on page 27.

1. Press and hold SEL (select) for more than 2 seconds to call up the general setting mode.
2. Press \blacktriangle \blacktriangleright or \blacktriangleright \blacktriangleleft to select “AUTO ADJ (adjust).”
3. Select “OFF” by turning the control dial counterclockwise.
Now automatic clock adjustment is canceled.

To reactivate clock adjustment, repeat the same procedure and select “ON” in step 3 by turning the control dial clockwise.

Note:

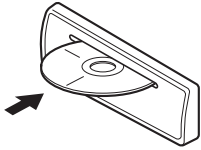
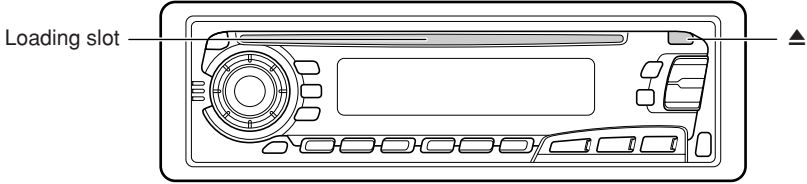
It takes about 2 minutes to adjust the time using the CT data. So, you must tune to the station for more than 2 minutes continuously; otherwise, the clock time will not be adjusted.



CD OPERATIONS

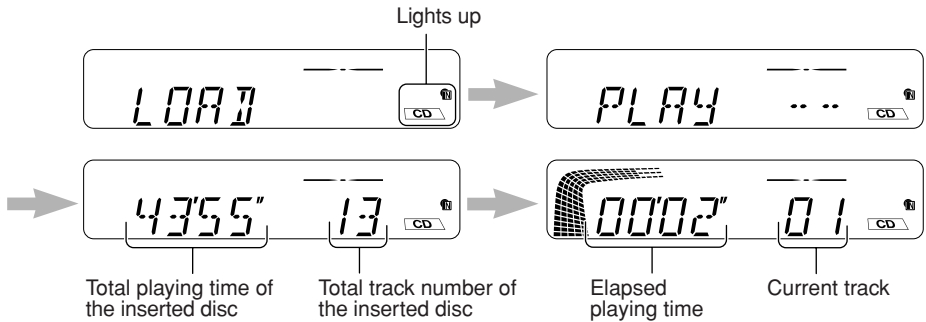
ENGLISH

Playing a CD



Insert a disc into the loading slot.

The unit turns on, draws a CD and starts playback automatically.



Note:

When a CD is inserted upside down, the CD ejects automatically.

Note on One-Touch Operation:
When a CD is already in the loading slot, pressing CD turns on the unit and starts playback automatically.

To stop play and eject the CD

Press ▲.

CD play stops and the CD automatically ejects from the loading slot.

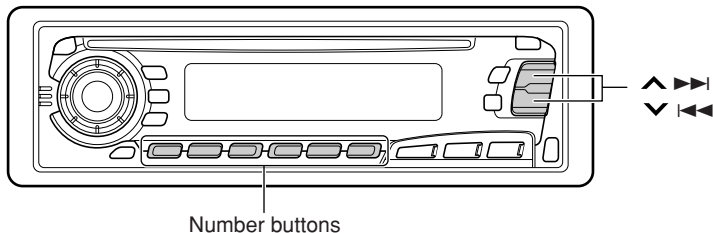
If you change the source to FM or AM (or CD changer: ONLY FOR KD-SX878R), the CD play also stops (without ejecting the CD this time).

Notes:

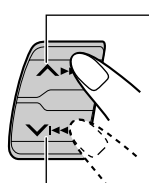
- If the ejected disc is not removed for about 15 seconds, the disc is automatically inserted again into the loading slot to protect it from dust. (CD play will not start this time.)
- You can eject the CD even when the unit is turned off.



Locating a track or a particular portion on a CD



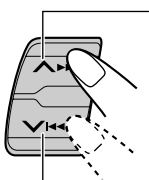
To fast-forward or reverse the track



Press and hold **▲▶▶**, while playing a CD, to fast-forward the track.

Press and hold **▼◀◀**, while playing a CD, to reverse the track.

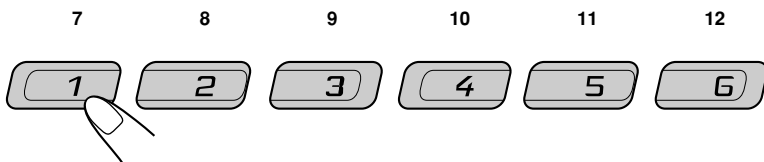
To go to the next tracks or the previous tracks



Press **▲▶▶** briefly, while playing a CD, to go ahead to the beginning of the next tracks. Each time you press the button consecutively, the beginning of the next tracks is located and played back.

Press **▼◀◀** briefly, while playing a CD, to go back to the beginning of the current track. Each time you press the button consecutively, the beginning of the previous tracks is located and played back.

To go to a particular track directly

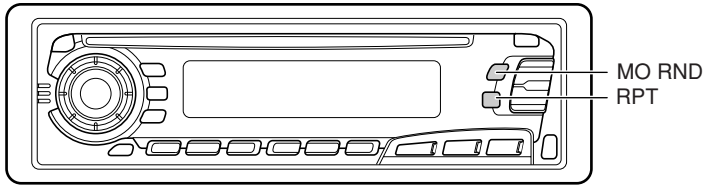


Press the number button corresponding to the track number to start playback.

- To select a track number from 1 – 6:
Press 1 (7) – 6 (12) briefly.
- To select a track number from 7 – 12:
Press and hold 1 (7) – 6 (12) for more than 1 second.



Selecting CD playback modes



To play back tracks at random (Random Play)

You can play back all tracks on the CD at random.



Each time you press MO RND (Monaural/Random) while playing a CD, CD random play mode turns on and off alternately.

When the random mode is turned on, the RND indicator lights up on the display and a track randomly selected starts playing.



- To select the next track at random, press **^ ▶▶** briefly.

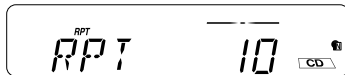
To play back tracks repeatedly (Repeat Play)

You can play back the current track repeatedly.



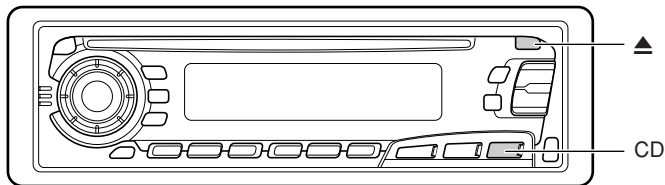
Each time you press RPT (Repeat) while playing a CD, CD repeat play mode turns on and off alternately.

When the repeat mode is turned on, the RPT indicator lights up on the display.





Prohibiting CD ejection



You can prohibit CD ejection and can “lock” a CD in the loading slot.

While pressing CD, press ▲ for more than 2 seconds. “EJECT” flashes on the display for about 5 seconds, and the CD is “locked” and cannot be ejected.



To cancel the prohibition and “unlock” the CD, press and hold ▲ again for more than 2 seconds, while pressing CD. “EJECT” appears on the display, and the CD ejects from the loading slot.

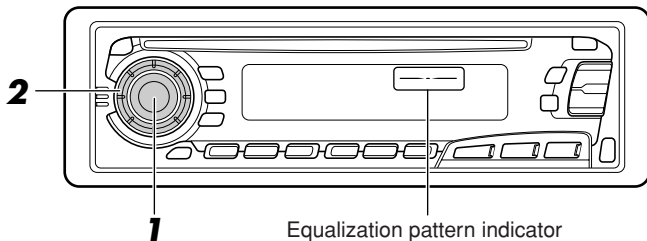


SOUND ADJUSTMENTS

ENGLISH

Adjusting the sound

You can adjust the sound characteristics to your preference.



1



Select the item you want to adjust.

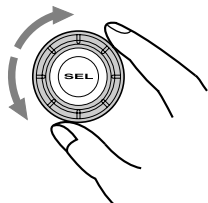


Indication	To do:	Range
BAS (Bass)	Adjust the bass	-06 (min.) — +06 (max.)
TRE (Treble)	Adjust the treble	-06 (min.) — +06 (max.)
FAD (Fader)*	Adjust the front and rear speaker balance	R06 (rear only) — F06 (front only)
BAL (Balance)	Adjust the left and right speaker balance	L06 (left only) — R06 (right only)
LOUD (Loudness)	Boost low and high frequencies to produce a well-balanced sound at low volume level.	LOUD ON — LOUD OFF
VOL (Volume)	Adjust the volume	00 (min.) — 50 (max.)

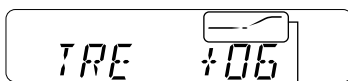
Note:

* If you are using a two-speaker system, set the fader level to "00."

2



Adjust the level.



Equalization pattern changes as you adjust the bass or treble.

Note:

Normally the control dial works for volume adjustment. So you do not have to select "VOL" to adjust the volume level.

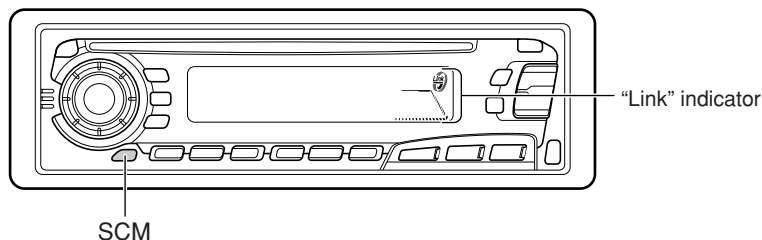
Using the Sound Control Memory

You can select and store a preset sound adjustment suitable to each playback source. (**Advanced SCM**)

Selecting and storing the sound modes

Once you select a sound mode, it is stored in memory, and will be recalled every time you select the same source. A sound mode can be stored for each of the following sources — FM1, FM2, FM3, AM and CD (and external components: ONLY FOR KD-SX878R).

- If you do not want to store the sound mode separately for each playback source, but want to use the same sound mode for all the sources, see “Canceling Advanced SCM” on page 28.



Select the sound mode you want.

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

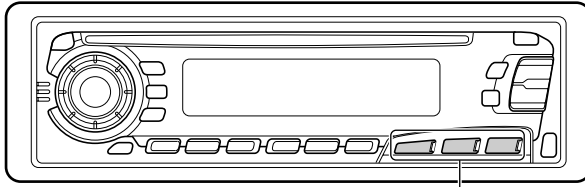


- If the “Link” indicator is lit on the display (with “SCM LINK” set to “LINK ON”—see page 28), the selected sound mode can be stored in memory for the current source, and the effect applies to the current source.
- If the “Link” indicator is NOT lit on the display (with “SCM LINK” set to “LINK OFF”), the selected sound mode effect applies to any source.

Indication	For:	Preset values		
		Bass	Treble	Loudness
SCM OFF	(Flat sound)	00	00	On
BEAT	Rock or disco music	+02	00	On
SOFT	Quiet background music	+01	-03	Off
POP	Light music	+04	+01	Off

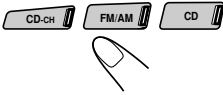


Recalling the sound modes



Source buttons

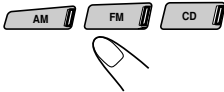
KD-SX878R



Select the source while the “Link” indicator is lit on the display.

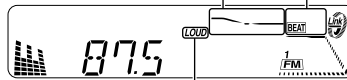
The “Link” indicator starts flashing, and the sound mode stored in memory for the selected source is recalled.

KD-S777R/KD-S8R



Equalization pattern of the selected sound mode appears.

Sound mode indicator



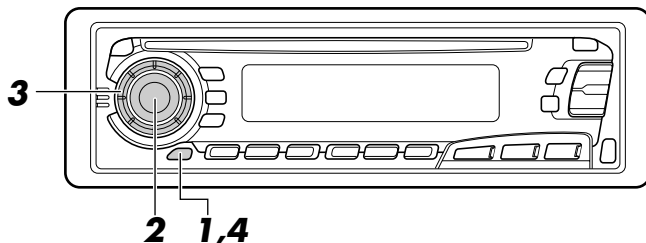
LOUD (loudness) indicator

Notes:

- You can adjust each sound mode to your preference, and store it in memory.
If you want to adjust and store your original sound mode, see “Storing your own sound adjustments” on page 25.
- To adjust the bass and treble reinforcement levels or to turn on/off the loudness function temporarily, see page 22. (Your adjustments will be canceled if another source is selected.)

Storing your own sound adjustments

You can adjust the sound modes (BEAT, SOFT, POP: see page 23) to your preference and store your own adjustments in memory.

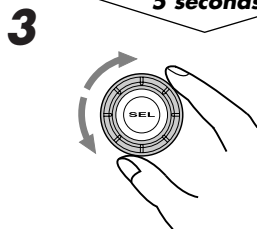


Call up the sound mode you want to adjust.
See page 23 for details.



Select “BAS (Bass),” “TRE (Treble)” or “LOUD (Loudness).”

**Within
5 seconds**



Adjust the bass or treble level or turn the loudness function ON/OFF.
See page 22 for details.



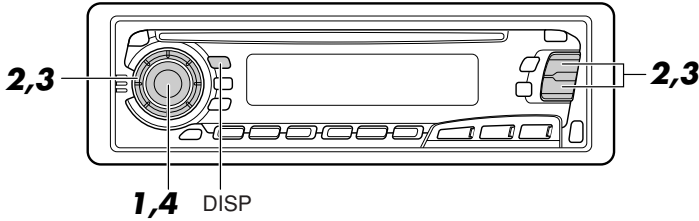
Press and hold SCM (Sound Control Memory) until the sound mode you have selected in step 1 flashes on the display.
Your setting is stored in memory.

5 Repeat the same procedure to store other settings.

To reset to the factory settings

Repeat the same procedure and reassign the preset values listed in the table on page 23.

Setting the clock

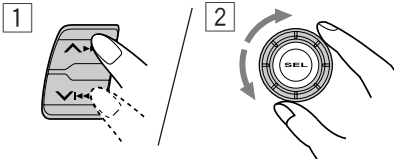


1



Press and hold the button for more than 2 seconds to call up the general settings mode.

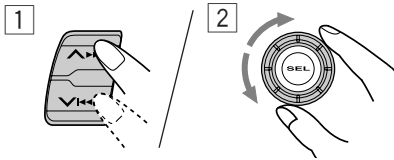
2



Set the hour.

- 1 Select "CLOCK H (Hour)" if not shown on the display.
- 2 Adjust the hour.

3



Set the minute.

- 1 Select "CLOCK M (Minute)."
- 2 Adjust the minute.

4



Finish the setting.

To check the current clock time (changing the display mode)

Press DISP repeatedly. Each time you press the button, the display mode changes as follows:

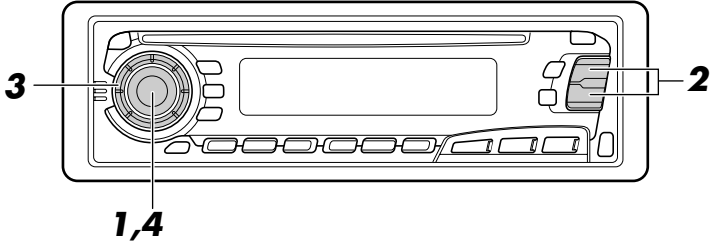
<p>During tuner operation:</p> <p>Clock ↔ Frequency</p> <p>Note: For the indication change during RDS operation, see page 17.</p>	<p>During CD operation:</p> <p>Clock ↔ Elapsed playing time</p> <p>During external component operation (ONLY FOR KD-SX878R):</p> <p>LINE IN ↔ Clock</p>
<p>During CD changer operation (ONLY FOR KD-SX878R):</p> <p>→ Clock → Disc number → Elapsed playing time →</p> <p>Note: For the indication change during DAB operation, see page 39.</p>	


- If the unit is not in use when you press DISP, the power turns on, the clock time is shown for 5 seconds, then the power turns off.


Changing the general settings


You can change the items listed on the next page.


Basic Procedure






1  Press and hold the button for more than 2 seconds to call up the general settings mode.

2  Select the item you want to adjust. (See page 28.)

3  Select or adjust the item selected above.

4  Finish the setting.

1 	2 	3 	Factory-preset settings	See page	
CLOCK H	Hour adjustment	Back	Advance	0:00	26
CLOCK M	Minute adjustment	Back	Advance		
SCM LINK	Sound control memory linkage	LINK OFF	LINK ON	LINK ON	below
24H/12H	24/12-hour time display	12H	24H	24H	29
AUTO ADJ	Automatic setting of the clock	OFF	ON	ON	17
DISPMODE	Display mode	PS NAME ↔ FREQ ↕ CLOCK ↕		PS NAME	17
CH DISP	Changer display (ONLY FOR KD-SX878R)	TIME	DISC	DISC	29
PTY STBY	PTY standby	29 programme types (See page 16.)		NEWS	13
PTY SRCH	PTY search			(See page 13.)	13
TA VOL	Traffic announcement volume	VOL (00 – 50)		VOL 20	17
P-SEARCH	Programme search	OFF	ON	OFF	16
LEVEL	Level display	AUDIO 1 ↔ AUDIO 2 ↕ OFF ↕		AUDIO 2	29
TEL	Audio mute for cellular phone system	OFF ↔ MUTING 1 ↕ MUTING 2 ↕		OFF	30
LINE IN*	External component (ONLY FOR KD-SX878R)	CHANGER	LINE IN	CHANGER	30

* Displayed only when one of the following sources is selected — FM, AM and CD.

- Press SEL (select) when the setting is complete.

Canceling Advanced SCM

You can cancel the Advanced SCM (Sound Control Memory), and unlink the sound modes and the playback sources.

When shipped from the factory, a different sound mode can be stored in memory for each source so that you can change the sound modes simply by changing the sources.

- LINK ON: Advanced SCM (different sound modes for different sources)
- LINK OFF: Conventional SCM (one sound mode for all sources)

1. Press and hold SEL (Select) for more than 2 seconds to call up the general settings mode.
2. Select “SCM LINK” with ▲▶▶ or ▼◀◀.
3. Select the desired mode with the control dial.

The SCM LINK mode changes as follows:

LINK ON ← → **LINK OFF**

Selecting 24-hour or 12-hour clock

You can change the clock built in this unit either to 24-hour system or 12-hour system.

1. Press and hold SEL (Select) for more than 2 seconds to call up the general settings mode.
2. Select "24H/12H" with **▲ ►►** or **▼ ◀◀**.
3. Select "24H" or "12H" with the control dial.

The clock alternates between 24-hour system and 12-hour system.

24H ↔ 12H

Selecting the level display

You can select the level display according to your preference.

When shipped from the factory, "AUDIO 2" is selected.

- AUDIO 1: Shows the audio level indicator and the equalization pattern indicator.
- AUDIO 2: Alternates "AUDIO 1" setting and illumination display.
- OFF: Erases the audio level indicator and the equalization pattern indicator.

1. Press and hold SEL (Select) for more than 2 seconds to call up the general settings mode.
2. Select "LEVEL" with **▲ ►►** or **▼ ◀◀**.
3. Select the desired mode with the control dial.

The level display setting changes as follows:

→ AUDIO 1 ↔ AUDIO 2 ↔ OFF ←

Selecting the display mode while using the CD changer (ONLY FOR KD-SX878R)

You can change the initial indication on the display either to disc number or to elapsed playing time, while using the CD changer.

1. Press and hold SEL (Select) for more than 2 seconds to call up the general settings mode.
2. Select "CH DISP" with **▲ ►►** or **▼ ◀◀**.
3. Select "DISC" or "TIME" with the control dial.

DISC ↔ TIME

Selecting the telephone muting

This mode is used when a cellular phone system is connected. Depending on the phone system used, select either "MUTING 1" or "MUTING 2", whichever mutes the sounds from this unit.

When shipped from the factory, this mode is deactivated.

- MUTING 1: Select this if this setting can mute the sounds.
- MUTING 2: Select this if this setting can mute the sounds.
- OFF: Cancels the telephone muting.

1. Press and hold SEL (Select) for more than 2 seconds to call up the general settings mode.
2. Select "TEL" with **▲ ►►** or **▼ ◄◄**.
3. Select "MUTING 1," "MUTING 2" or "OFF" with the control dial.
The telephone muting mode changes as follows:



Selecting the external component to use (ONLY FOR KD-SX878R)

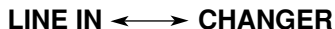
You can connect the external component to the CD changer jack on the rear using the Line Input Adaptor KS-U57 (not supplied).

To use the external component as the playback source through this unit, you need to select which component — CD changer or external component — to use. When shipped from the factory, CD changer is selected as the external component.

- LINE IN: To use the external component other than CD changer
- CHANGER: To use the CD changer

1. To change the source to FM, AM or CD, press FM/AM or CD.
2. Press and hold SEL (Select) for more than 2 seconds to call up the general settings mode.
3. Select "LINE IN" with **▲ ►►** or **▼ ◄◄**.
4. Select the desired mode with the control dial.

The external component selecting mode changes as follows:



Note:

For connecting the Line Input Adaptor KS-U57 and the external component, refer to the Installation/Connection Manual (separate volume).

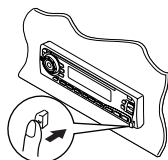
Detaching the control panel

You can detach the control panel when leaving the car. When detaching or attaching the control panel, be careful not to damage the connectors on the back of the control panel and on the panel holder.

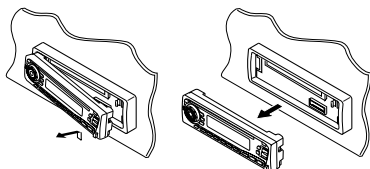
How to detach the control panel

Before detaching the control panel, be sure to turn off the power.

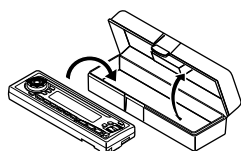
- 1 Unlock the control panel.



- 2 Lift and pull the control panel out of the unit.

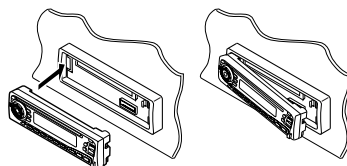


- 3 Put the detached control panel into the provided case.

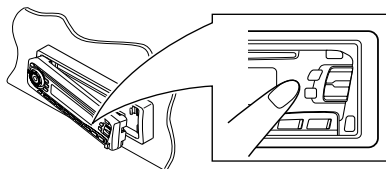


How to attach the control panel

- 1 Insert the left side of the control panel into the groove on the panel holder.



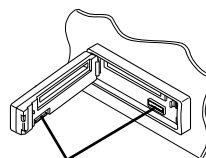
- 2 Press the right side of the control panel to fix it to the panel holder.



Note on cleaning the connectors:

If you frequently detach the control panel, the connectors will deteriorate.

To minimize this possibility, periodically wipe the connectors with a cotton swab or cloth moistened with alcohol, being careful not to damage the connectors.



Connectors



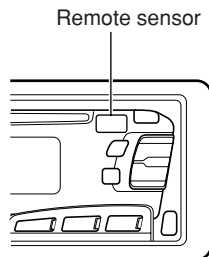
REMOTE OPERATIONS

(With an optionally purchased remote controller) (ONLY FOR KD-SX878R/KD-S777R)

We recommend that you use remote controller RM-RK31 with your unit.
The followings are the instructions for using RM-RK31.

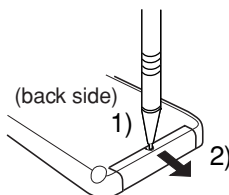
Before using the remote controller:

- Aim the remote controller directly at the remote sensor on the main unit. Make sure there is no obstacle in between.
- Do not expose the remote sensor to strong light (direct sunlight or artificial lighting).



Installing the battery

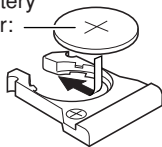
When the controllable range or effectiveness of the remote controller decreases, replace the battery.



1. Remove the battery holder.

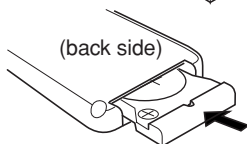
- 1) Push out in the direction indicated by the arrow using a ball point pen or a similar tool.
- 2) Remove the battery holder.

Lithium coin battery
(product number:
CR2025)



2. Place the battery.

Slide the battery into the holder with the + side facing upwards so that the battery is fixed in the holder.



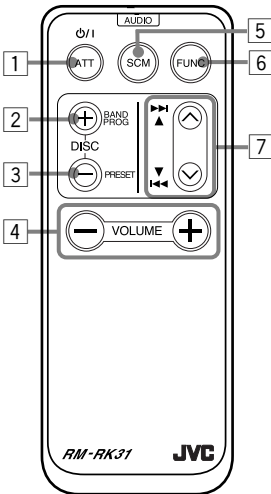
3. Return the battery holder.

Insert again the battery holder pushing it until you hear a clicking sound.

WARNING:

- Store the batteries in a place which children cannot reach.
If a child accidentally swallows the battery, immediately consult a doctor.
- Do not recharge, short, disassemble or heat the batteries or dispose of in a fire.
Doing any of these things may cause the batteries to give off heat, crack or start a fire.
- Do not leave the batteries with other metallic materials.
Doing this may cause the batteries to give off heat, crack or start a fire.
- When throwing away or saving the batteries, wrap in tape and insulate; otherwise, it may cause the batteries to give off heat, crack or start a fire.
- Do not poke the batteries with tweezers or similar tools.
Doing this may cause the batteries to give off heat, crack or start a fire.

Using the remote controller



- 1 Functions the same as the $\phi/I/ATT$ button on the main unit.
- 2
 - Functions as the BAND button while listening to the radio (or the DAB tuner).
Each time you press the button, the band changes.
 - Functions as the DISC + button while listening to the CD changer.
Each time you press the button, the disc number increases, and the selected disc starts playing.
 - Does not function as the PROG button.
- 3
 - Functions as the PRESET button while listening to the radio (or the DAB tuner).
Each time you press the button, the preset station number increases, and the selected station is tuned in.
 - Functions as the DISC – button while listening to the CD changer.
Each time you press the button, the disc number decreases, and the selected disc starts playing.
- 4 Functions the same as the control dial on the main unit.
Note: *This button does not function for the general settings mode adjustment.*
- 5 Selects the sound mode.
Each time you press SCM (Sound Control Memory), the mode changes.
- 6 Selects the source.
Each time you press FUNC (function), the source changes.
- 7
 - Searches stations while listening to the radio.
 - Selects services while listening to the DAB tuner if pressed briefly.
 - Searches ensembles while listening to the DAB tuner if pressed for more than 1 second.
 - Fast forwards or reverses the track if pressed and held while listening to a CD.
 - Skips to the beginning of the next tracks or goes back to the beginning of the current (or previous tracks) if pressed briefly while listening to a CD.



CD CHANGER OPERATIONS

ENGLISH

This section is **ONLY FOR KD-SX878R**, when used with a JVC CD automatic changer (separately purchased).

We recommend that you use one of the CH-X series with your unit.

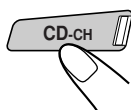
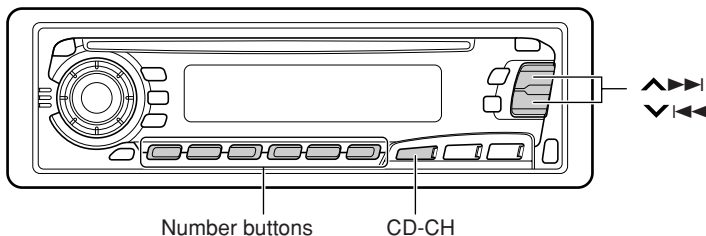
If you have another CD automatic changer, consult your JVC IN-CAR ENTERTAINMENT dealer for connections.

- For example, if your CD automatic changer is one of the KD-MK series, you need a cord (KS-U15K) for connecting it to this unit.

Before operating your CD automatic changer:

- Refer also to the Instructions supplied with your CD changer.
- If no discs are in the magazine of the CD changer or the discs are inserted upside down, "NO DISC" will appear on the display. If this happens, remove the magazine and set the discs correctly.
- If "RESET 1 - RESET 8" appears on the display, something is wrong with the connection between this unit and the CD changer. If this happens, check the connection, connect the connecting cord(s) firmly if necessary, then press the reset button of the CD changer.

Playing CDs



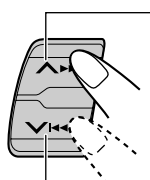
Select the CD automatic changer.

Playback starts from the first track of the first disc.
All tracks of all discs are played back.

Note on One-Touch Operation:

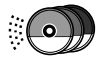
When you press CD-CH, the power automatically comes on. You do not have to press to turn on the power.

To fast-forward or reverse the track

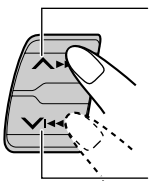


Press and hold , while playing a CD, to fast-forward the track.

Press and hold , while playing a CD, to reverse the track.



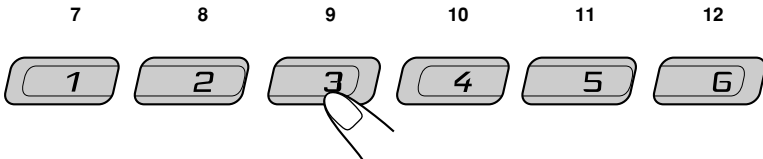
To go to the next tracks or the previous tracks



Press **▶▶▶** briefly, while playing a CD, to go ahead to the beginning of the next track.
 Each time you press the button consecutively, the beginning of the next tracks is located and played back.

Press **◀◀◀** briefly, while playing a CD, to go back to the beginning of the current track.
 Each time you press the button consecutively, the beginning of the previous tracks is located and played back.

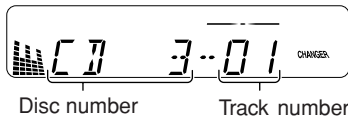
To go to a particular disc directly



Press the number button corresponding to the disc number to start its playback (while the CD changer is playing).

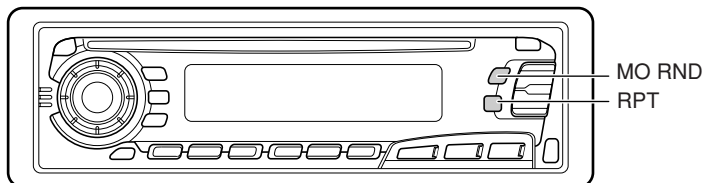
- To select a disc number from 1 – 6:
Press 1 (7) – 6 (12) briefly.
- To select a disc number from 7 – 12:
Press and hold 1 (7) – 6 (12) for more than 1 second.

Ex. When disc number 3 is selected



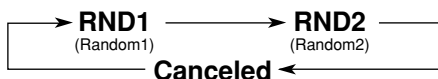


Selecting CD playback modes



To play back tracks at random (Random Play)

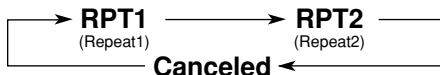
Each time you press MO RND (Monaural/Random) while playing a CD, CD random play mode changes as follows:



Mode	RND Indicator	Plays at random
RND1	Lights	All tracks of the current disc, then the tracks of the next disc, and so on.
RND2	Flashes	All tracks of all discs inserted in the magazine.

To play back tracks repeatedly (Repeat Play)

Each time you press RPT (Repeat) while playing a CD, CD repeat play mode changes as follows:



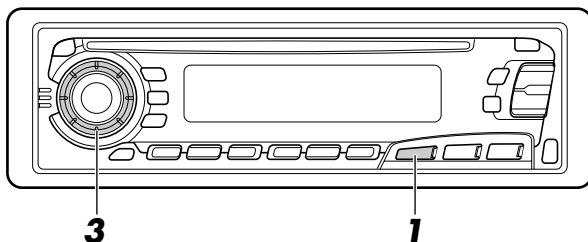
Mode	RPT Indicator	Plays repeatedly
RPT1	Lights	The current track (or specified track).
RPT2	Flashes	All tracks of the current disc (or specified disc).

EXTERNAL COMPONENT OPERATIONS



This section is **ONLY FOR KD-SX878R**.

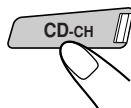
You can connect the external component to the CD changer jack on the rear using the Line Input Adaptor KS-U57 (not supplied).



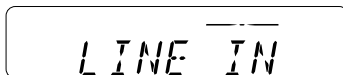
Preparations:

- For connecting the Line Input Adaptor KS-U57 and the external component, refer to the Installation/Connection Manual (separate volume).
- Before operating the external component using the following procedure, select the external input correctly. (See “Selecting the external component to use” on page 30.)

1




Select the external component.



- If “LINE IN”^{*} does not appear on the display, see page 30 and select the external input (“LINE IN”).

^{*} Displayed only when one of the following sources is selected — FM, AM and CD.

Note on One-Touch Operation:

When you press CD-CH, the power automatically comes on. You do not have to press /MATT to turn on the power.

2

Turn on the connected component and start playing the source.

3



Adjust the volume.

DAB TUNER OPERATIONS

ENGLISH

This section is **ONLY FOR KD-SX878R**, when used with a **JVC DAB (Digital Audio Broadcasting) tuner (separately purchased)**. We recommend that you use DAB tuner KT-DB1500 with your unit.

If you have another DAB tuner, consult your JVC IN-CAR ENTERTAINMENT dealer.

- Refer also to the Instructions supplied with your DAB tuner.

What is DAB system?

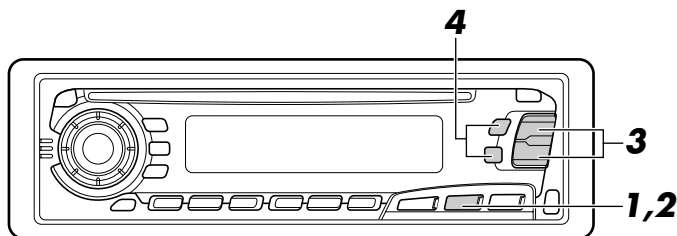
DAB is one of the digital radio broadcasting systems available today. It can deliver CD quality sound without any annoying interference and signal distortion. Furthermore, it can carry text, pictures and data.

In contrast to FM broadcast, where each programme is transmitted on its own frequency, DAB combines several programmes (called “services”) to form one “ensemble.”

With the DAB tuner connected with this unit, you can enjoy these DAB services.

Tuning into an ensemble and one of the services

A typical ensemble has 6 or more programmes (services) broadcast at the same time. After tuning into an ensemble, you can select a service you want to listen to.



Before you start....

Press FM/AM/DAB briefly if you are selecting CD, CD changer or LINE IN as the source.

1

DAB



Select the DAB tuner.

Each time you press and hold the button for more than 1 second, the DAB tuner and the FM/AM tuner are alternately selected.

DAB ↔ FM/AM

2

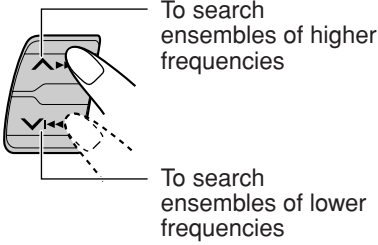
DAB



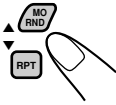
Select the DAB band (DAB1, DAB2, or DAB3).

You can select any one of DAB1, DAB2, and DAB3 to tune into an ensemble.

→ DAB 1 → DAB 2 → DAB 3

3

Start searching an ensemble.

When an ensemble is received, searching stops.

4

Select an service you want to listen to.

To stop searching before an ensemble is received, press the same button you have pressed for searching.

To change the display information while tuning into an ensemble

Normally service name is shown on the display.

By pressing DISP, you can also change the display while tuning into an ensemble.

Each time you press the button, the following information appears for a while on the display.



To restore the FM/AM tuner

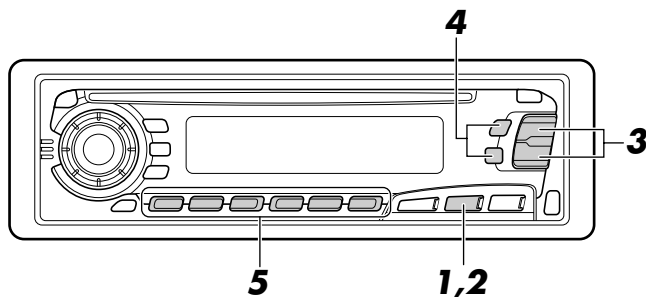
Press and hold FM/AM/DAB for more than 1 second again.

To tune in a particular ensemble without searching:

- 1 Press and hold FM/AM/DAB for more than 1 second.
- 2 Press FM/AM/DAB repeatedly to select the DAB band (DAB1, DAB2, or DAB3).
- 3 Press and hold \blacktriangle \blacktriangleright or \blacktriangledown \blacktriangleleft for more than 1 second.
- 4 Press \blacktriangle \blacktriangleright or \blacktriangledown \blacktriangleleft repeatedly until the ensemble you want is reached.
 - If you hold down the button, the frequency keeps changing until you release the button.

Storing DAB services in memory

You can preset up to 6 DAB services in each DAB band (DAB1, DAB2 and DAB3) manually.



1 DAB



Select the DAB tuner.

Each time you press and hold the button, the DAB tuner and the FM/AM tuner are alternately selected.

DAB ↔ FM/AM

2 DAB

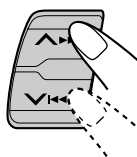


Select the DAB band (DAB1, DAB2, or DAB3) you want.

Each time you press the button, the DAB band changes as follows:

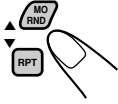
→ **DAB 1** → **DAB 2** → **DAB 3** →

3



Tune into an ensemble you want.

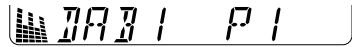
4



Select a service of the ensemble you want.

5

Press and hold the number button (in this example, 1) for more than 2 seconds.



Band/preset number and service name flash alternately for a while.



6

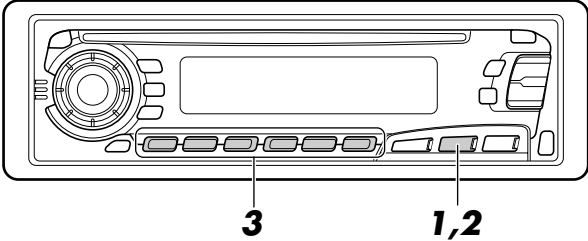
Repeat the above procedure to store other DAB services into other preset numbers.

Notes:

- A previously preset DAB service is erased when a new DAB service is stored in the same preset number.
- Preset DAB services are erased when the power supply to the memory circuit is interrupted (for example, during battery replacement). If this occurs, preset the DAB services again.

Tuning into a preset DAB service

You can easily tune into a preset DAB service. Remember that you must store services first. If you have not stored them yet, see pages 40 and 41.



1 **DAB**

Select the DAB tuner.
Each time you press and hold the button, the DAB tuner and the FM/AM tuner are alternately selected.

DAB ↔ FM/AM

2 **DAB**


Select the DAB band (DAB1, DAB2, or DAB3) you want.
Each time you press the button, the DAB band changes as follows:

→ DAB 1 → DAB 2 → DAB 3

3

Select the number (1 – 6) for the preset DAB service you want.

Handling CDs

This unit has been designed only to reproduce the CDs bearing the  mark. Other discs cannot be played back.

How to handle CDs

When removing a CD from its case, press down the center holder of the case and lift the CD out, holding it by the edges.

- Always hold the CD by the edges. Do not touch its recording surface.

When storing a CD into its case, gently insert the CD around the center holder (with the printed surface facing up).

- Make sure to store CDs into the cases after use.

To keep CDs clean

A dirty CD may not play correctly. If a CD does become dirty, wipe it with a soft cloth in a straight line from center to edge.

To play new CDs

New CDs may have some rough spots around the inner and outer edges. If such a CD is used, this unit may reject the CD.

To remove these rough spots, rub the edges with a pencil or ball-point pen, etc.

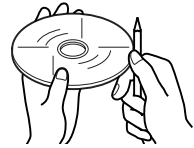
Moisture condensation

Moisture may condense on the lens inside the CD player in the following cases:

- After starting the heater in the car.
- If it becomes very humid inside the car.

Should this occur, the CD player may malfunction. In this case, eject the CD and leave the unit turned on for a few hours until the moisture evaporates.

Center holder



CAUTIONS:

- Do not insert 8 cm CDs (single CDs) into the loading slot. (Such CDs cannot be ejected.)
- Do not insert any CD of unusual shape — like a heart or flower; otherwise, it will cause a malfunction.
- Do not expose CDs to direct sunlight or any heat source or place them in a place subject to high temperature and humidity. Do not leave them in a car.
- Do not use any solvent (for example, conventional record cleaner, spray, thinner, benzine, etc.) to clean CDs.

When playing a CD-R (Recordable)

You can play back your original CD-Rs on this receiver.

- Before playing back CD-Rs, read their instructions or cautions carefully.
- Some CD-Rs recorded on CD recorders may not be played back on this receiver because of their disc characteristics, and of the following reasons:
 - Discs are dirty or scratched.
 - Moisture condensation occurs on the lens inside the unit.
 - The pickup lens inside the CD player is dirty.
- Use only “finalized” CD-Rs.
- CD-RWs (Rewritable) cannot be played back on this receiver.
- Do not use CD-Rs with stickers or sticking labels on the surface. They may cause malfunctions.

About mistracking:

Mistracking may result from driving on extremely rough roads. This does not damage the unit and the CD, but will be annoying.

We recommend that you stop CD play while driving on such rough roads.



TROUBLESHOOTING

ENGLISH

What appears to be trouble is not always serious. Check the following points before calling a service center.

Symptoms	Causes	Remedies
• CD cannot be played back.	CD is inserted upside down.	Insert the CD correctly.
• CD sound is sometimes interrupted.	You are driving on rough roads.	Stop playing CD while driving on rough roads.
	The disc is scratched.	Change the disc.
	Connections are incorrect.	Check the cords and connections.
• Sound is sometimes interrupted.	Connections are incorrect.	Check the cords and connections.
• Sound cannot be heard from the speakers.	The volume is turned to the minimum level.	Adjust it to the optimum level.
	Connections are incorrect.	Check the cords and connections.
• SSM (Strong-station Sequential Memory) automatic preset does not work.	Signals are too weak.	Store stations manually.
• Static noise while listening to the radio.	The antenna is not connected firmly.	Connect the antenna firmly.
• “NO DISC” appears on the display.	No CD is in the magazine.	Insert CDs into the magazine.
	CDs are inserted incorrectly.	Insert them correctly.
• “RESET 8” appears on the display.	This unit is not connected to a CD changer correctly.	Connect this unit and the CD changer correctly and press the reset button of the CD changer.
• “RESET 1-RESET 7” appears on the display.	_____	Press the reset button of the CD changer.
• CD can be neither played back nor ejected.	The unit may function incorrectly.	Press ⏮/ATT and ▲ at the same time for several seconds. Be careful not to drop CD when it is ejected.
• This unit does not work at all. • The CD changer does not work at all.	The built-in microcomputer may function incorrectly due to noise, etc.	Press and hold both SEL and ⏮/ATT at the same time for several seconds to reset the unit. (The clock setting and preset stations stored in memory are erased.) (See page 2.)

SPECIFICATIONS

AUDIO AMPLIFIER SECTION

Maximum Power Output:

Front: 40 W per channel

Rear: 40 W per channel

Continuous Power Output (RMS):

Front: 16 W per channel into 4 Ω , 40 Hz to 20,000 Hz at no more than 0.8% total harmonic distortion.

Rear: 16 W per channel into 4 Ω , 40 Hz to 20,000 Hz at no more than 0.8% total harmonic distortion.

Load Impedance: 4 Ω (4 Ω to 8 Ω allowance)

Tone Control Range

Bass: ± 10 dB at 100 Hz

Treble: ± 10 dB at 10 kHz

Frequency Response: 40 Hz to 20,000 Hz

Signal-to-Noise Ratio: 70 dB

Line-Out Level/Impedance: 2.0 V/20 k Ω load (full scale)

Output impedance: 1 k Ω

TUNER SECTION

Frequency Range

FM: 87.5 MHz to 108.0 MHz

AM: (MW) 522 kHz to 1,620 kHz

(LW) 144 kHz to 279 kHz

[FM Tuner]

Usable Sensitivity: 11.3 dBf (1.0 μ V/75 Ω)

50 dB Quieting Sensitivity:

16.3 dBf (1.8 μ V/75 Ω)

Alternate Channel Selectivity (400 kHz):

65 dB

Frequency Response: 40 Hz to 15,000 Hz

Stereo Separation: 30 dB

Capture Ratio: 1.5 dB

[MW Tuner]

Sensitivity: 20 μ V

Selectivity: 35 dB

[LW Tuner]

Sensitivity: 50 μ V

CD PLAYER SECTION

Type: Compact disc player

Signal Detection System: Non-contact optical pickup (semiconductor laser)

Number of channels: 2 channels (stereo)

Frequency Response: 5 Hz to 20,000 Hz

Dynamic Range: 96 dB

Signal-to-Noise Ratio: 98 dB

Wow and Flutter: Less than measurable limit

GENERAL

Power Requirement

Operating Voltage: DC 14.4 V (11 V to 16 V allowance)

Allowable Operational Temperature: 0°C to +40°C

Grounding System: Negative ground

Dimensions (W \times H \times D)

Installation Size:

182 mm \times 52 mm \times 150 mm

Panel Size: 188 mm \times 58 mm \times 14 mm

Mass: 1.3 kg (excluding accessories)

Design and specifications subject to change without notice.



Having TROUBLE with operation?

Please reset your unit

Refer to page of How to reset your unit

Haben Sie PROBLEME mit dem Betrieb?

Bitte setzen Sie Ihr Gerät zurück

Siehe Seite Zurücksetzen des Geräts

Vous avez des PROBLÈMES de fonctionnement?

Réinitialisez votre appareil

Référez-vous à la page intitulée Comment réinitialiser votre appareil

Hebt u PROBLEMEN met de bediening?

Stel het apparaat terug

Zie de pagina met de paragraaf Het apparaat terugstellen

JVC

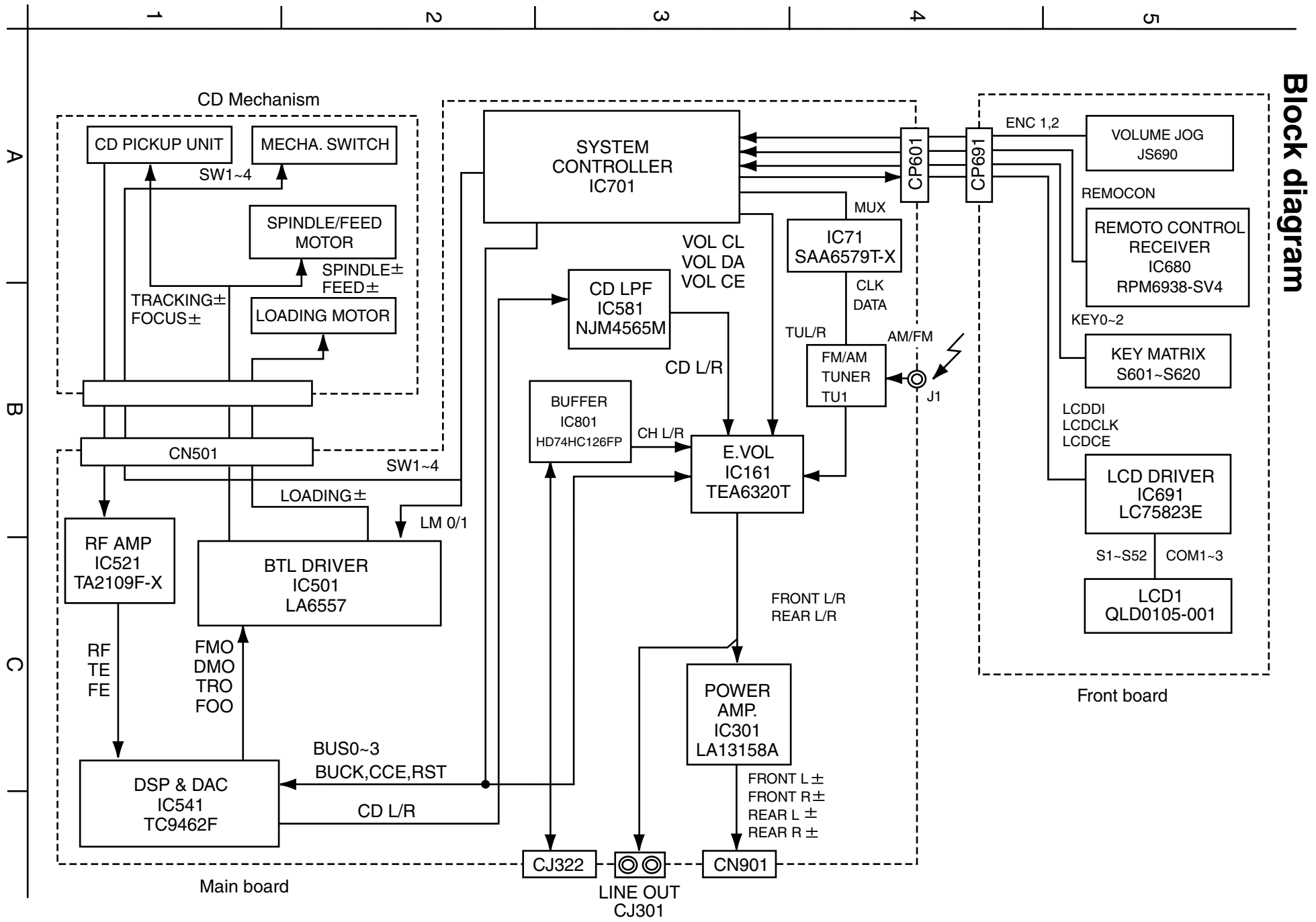
VICTOR COMPANY OF JAPAN, LIMITED



EN, GE, FR, NL



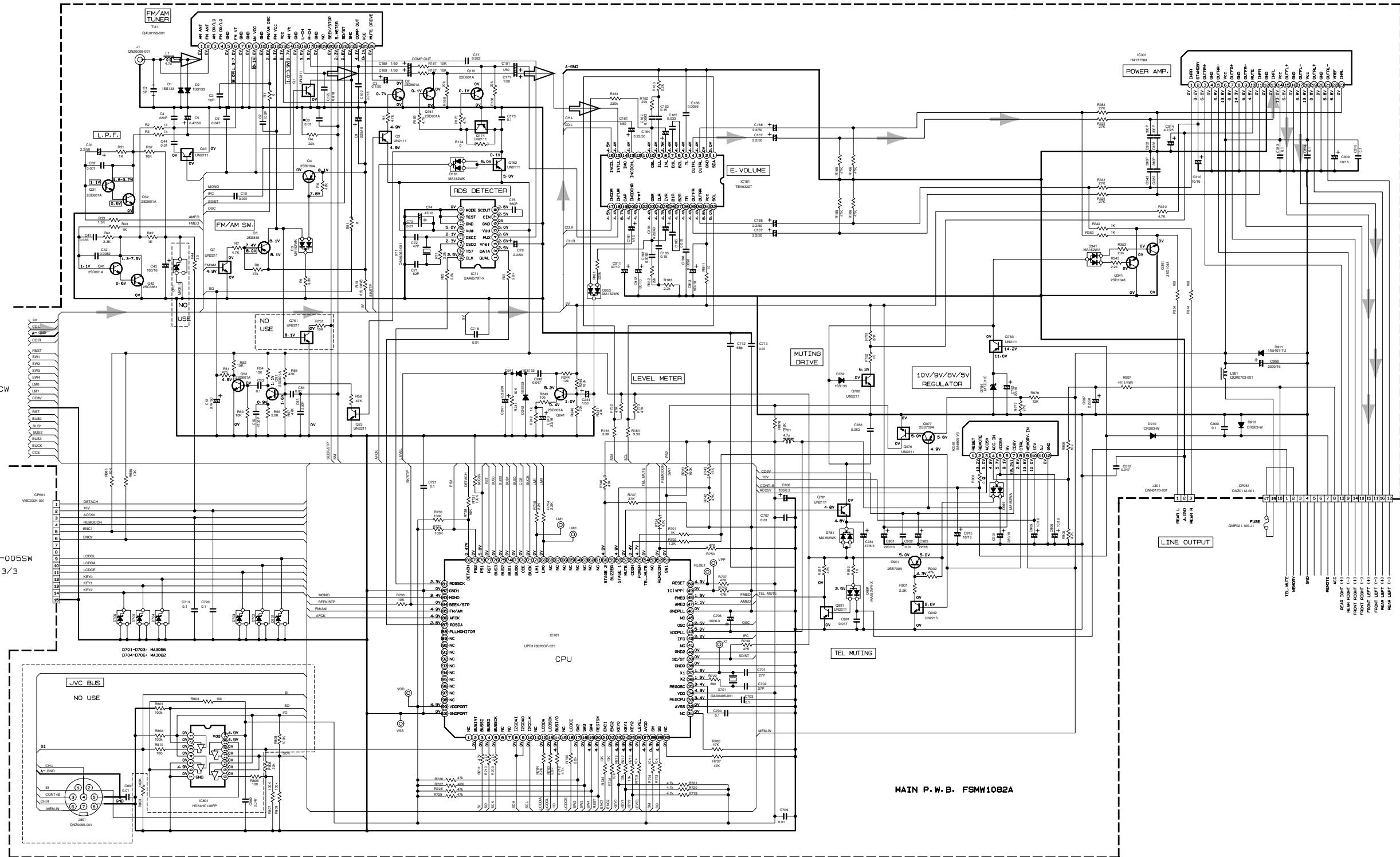
0600HISFLEJES





Block diagram

Standard schematic diagrams

Receiver & power amplifier circuit



 CD / MAIN SIGNAL
 TUNER SIGNAL

■ CD Servo control circuit

5

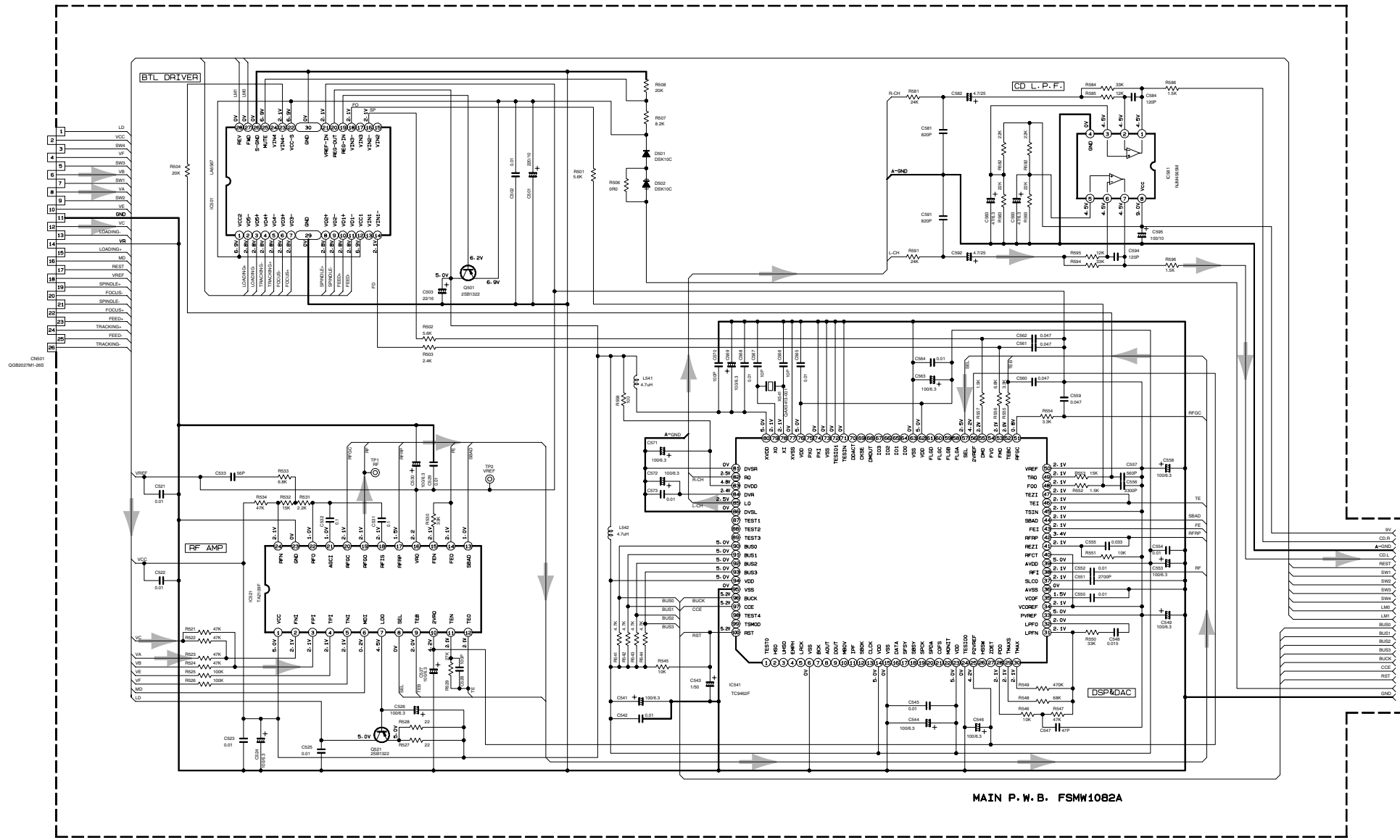
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3

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TO
CD MECHA
(BDL1089-001M)



TO
FSDH3159-005TW
SHEET 1/3

➔ CD / MAIN SIGNAL

■ LCD Driver circuit

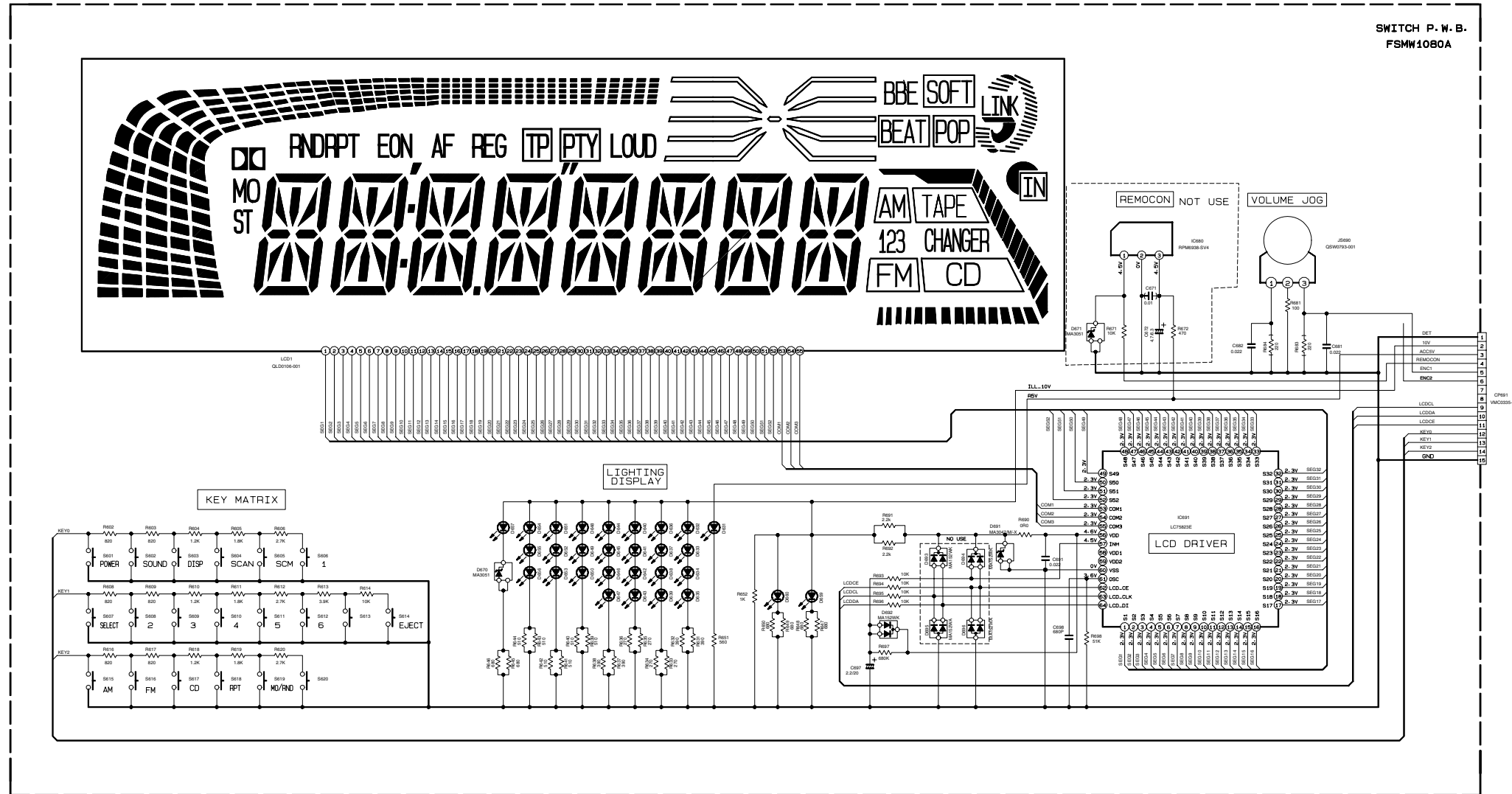
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1



FRONT CIRCUIT BOARD SECTION

REF. NO.	PART NO.
S901-S920	NRW0124-001X
S932-S944	SHL-310V7/A/-X
S949-S954	
S959-S960	NSPW31085/8RS
S961	SHL-315LT/ANV/-X
S971-S973	NOT USED
S2980-S2971-S2972	NOT USED

- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION—CD MODE.
 2. UNLESS OTHERWISE SPECIFIED, ALL RESISTORS ARE 1/10W ±5% METAL GLAZE RESISTOR. ALL CAPACITORS ARE 50V OR 25V OR 16V CERAMIC CAPACITOR. ALL RESISTANCE VALUES ARE IN Ω/M. ALL CAPACITANCE VALUES ARE IN μF(P=μF). ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE(V). T ----- T. S. E. CAPACITOR

PARTS LIST

[KD-S8R]

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

Area suffix

E ----- Continental Europe
EX ----- Central Europe

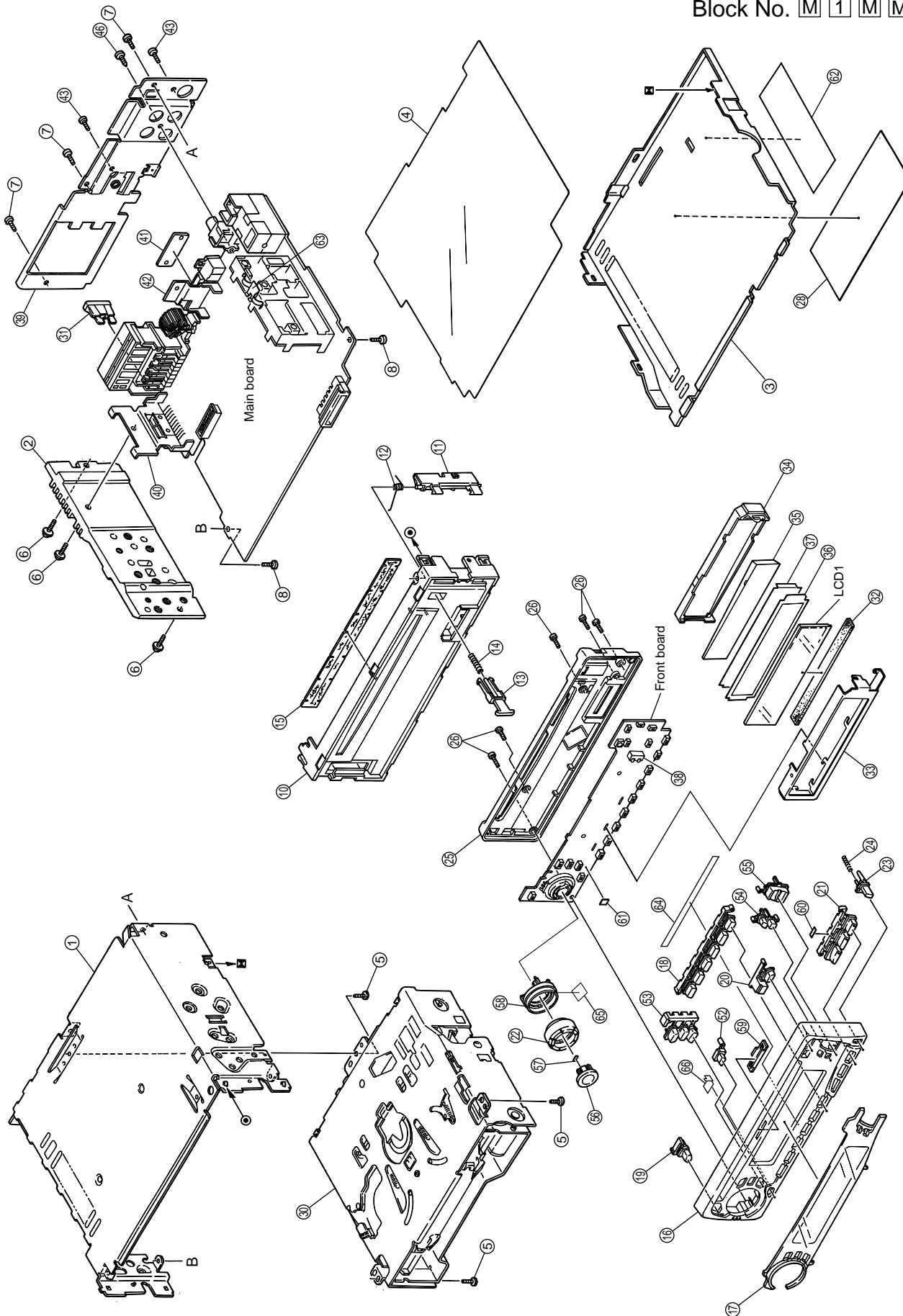
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Packing materials and accessories parts list	3-14

Exploded view of general assembly and parts list

Block No.

M	1	M	M
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Parts list (General assembly)

Block No. M1MM

△	Item	Parts number	Parts name	Q'ty	Description	Area
	1	FSJC1029-404	TOP CHASSIS	1		
	2	FSMH3001-202	SIDE PANEL	1		
	3	FSKM3011-002	BOTTOM COVER	1		
	4	FSMA3004-003	INSULATOR	1		
	5	QYSDST2604Z	SCREW	3	CHASSIS+MECHA B	
	6	FSKZ4005-001	SCREW	3	CHASSIS+SIDE PA	
	7	QYSDST2604Z	SCREW	3	CHASSIS+REAR BK	
	8	QYSDST2606Z	SCREW	2	CHASSIS+MAIN PW	
	10	FSJC2013-002	FRONT CHASSIS	1		
	11	FSKS3010-001	LOCK LEVER	1		
	12	FSKW4005-003	TORSION SPRING	1	FOR LOCK LEVEL	
	13	FSXP3026-002	RLS KNOB	1		
	14	FSKW3002-015	COMP.SPRING	1		
	15	FSPK3009-001	BLIND	1		
	16	FSJC1048-001	FRONT PANEL	1		
	17	FSJD3019-00G	FINDER ASSY	1		
	18	FSXP2045-002	PRESET BUTTON	1	1-6	
	19	FSXP3053-002	POWER BUTTON	1		
	20	FSXP3064-001	EJECT BUTTON	1		
	21	FSXP2038-003	D.FUNC CAP	1		
	22	FSXK3003-005	VOL.KNOB	1	JOG DIAL	
	23	FSXP3063-001	DETACH BUTTON	1		
	24	FSKW3002-012	COMP. SPRING	1	FOR DETACH BUTT	
	25	FSJC1049-001	REAR COVER	1		
	26	VKZ4777-001	MINI SCREW	5	FRONT+REAR	
	28	FSYN3159-D005	NAME PLATE	1		
	30	-----	CD MECHA	1	TN-CCD1001Z	
△	31	QMFZ021-100-J1	FUSE	1		
	32	QNZ0442-001	RUBBER CONNE	1		
	33	FSYH3020-001	LCD CASE	1		
	34	FSKS3019-001	LENS CASE	1		
	35	FSJK3025-001	LCD LENS	1		
	36	FSYH4074-001	LIGHT SHEET	1		
	37	FSYH4079-001	LIGHT SHEET	1		
	38	FSKS3016-002	LED HOLDER	1		
	39	FSKM3012-012	REAR BRACKET	1	WITH FUSE LABEL	
	40	FSKL4018-00B	IC BRACKET	1		
	41	FSKL4014-002	HEAT SINK	1	0.2MM THICKER	
	42	FSKL4015-002	REG BRACKET	1		
	43	QYSDST2606Z	SCREW	2	FOR REAR BKT	
	46	QYSDSF3006Z	SCREW	1	FOR LINE OUT	
	52	FSXP4006-001	SCM BUTTON	1	SCM	
	53	FSXP2041-003	PUSH BUTTON(L)	1		
	54	FSXP3062-001	PUSH BUTTON(R)	1		
	55	FSXP2043-001	UP DOWN BUTTON	1	UP/DOWN	
	56	FSXP3061-001	SEL BUTTON	1		
	57	FSYH4036-032	SHEET	1	SEL BTN	
	58	FSJK3027-001	RIM LENS	1		

■ Parts list (General assembly)

Block No. M1MM

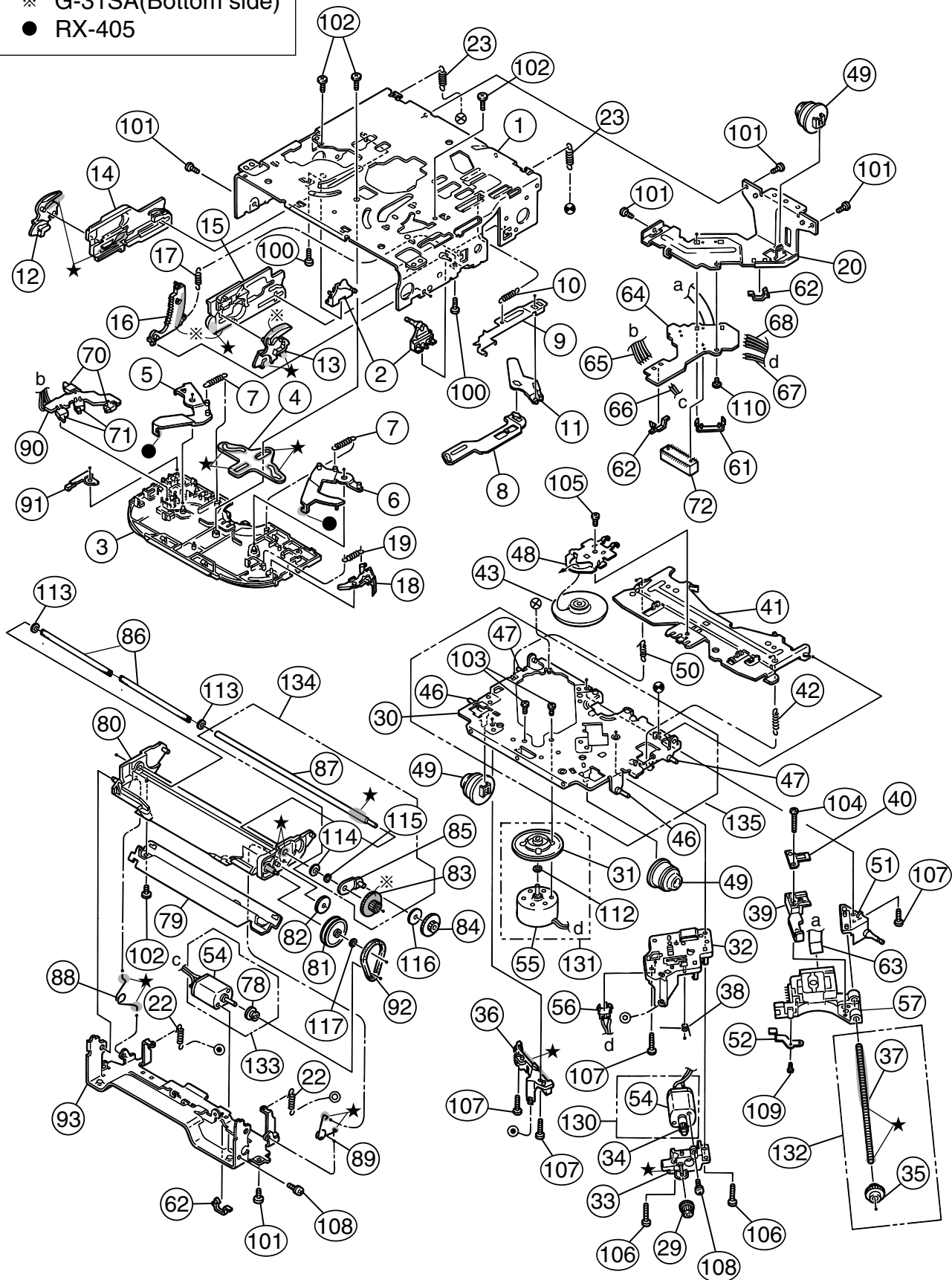
△	Item	Parts number	Parts name	Q'ty	Description	Area
	59	FSJK3026-001	CD LENS	1		
	60	FSYH4036-053	SHEET	1	D.FUNC BUTTON	
	61	FSYH4036-058	SHEET	1	SCM BUTTON	
	62	E406709-001	CAUTION LABEL	1		
	63	VMA4652-001SS	EARTH PLATE	1		
	64	FSYH4036-061	SHEET	1		
	65	FSYH4036-062	SHEET	1		
	66	GE40112-001A	LIGHT COVER	1		
	LCD 1	QLD0106-001	LCD MODULE	1		

CD mechanism assembly and parts list

Block No. M 2 M M

Grease

- ★ G-31SA
- ※ G-31SA(Bottom side)
- RX-405



■ Parts list (CD mechanism)

Block No. M2MM

△	Item	Parts number	Parts name	Q'ty	Description	Area
	1	30310101T	FRAME	1		
	2	30310103T	DANPER PIN	2		
	3	30310107T	UPPER PLATE	1		
	4	30310108T	SEL STOP PLATE	1		
	5	30310142T	SEL ARM (L)L	1		
	6	30310143T	SEL ARM (R)L	1		
	7	30310145T	S ARM SPRING(L)	2		
	8	30310112T	TRIG LEVER	1		
	9	30310155T	TRIG PL(Z)	1		
	10	30310115T	TRIG PL SPRING	1		
	11	30310116T	TRIG ARM	1		
	12	30310134T	FIX ARM (L)B	1		
	13	30310159T	FIX ARM (R)Z	1		
	14	30310150T	FIX PL (L)Z	1		
	15	30310156T	FIX PL (R) Z	1		
	16	30310138T	LDG GR (6)B	1		
	17	30310122T	LDG GEAR (6)SP	1		
	18	30310148T	S.L ARM(N)	1		
	19	30310125T	S.L ARM SPRING	1		
	20	30310149T	REAR DAM BKT(Z)	1		
	22	30310151T	HUNG UP SP (FZ)	2		
	23	30310129T	HUNG UP SP (R)	2		
	29	30300510T	PU GEAR(B)	1		
	30	-----	T.T.BASE(Z)	1		
	31	-----	TURN TABLE(Z)	1		
	32	30310544T	F.M.BASE(Z)	1		
	33	30310547T	FD GR BLK(Z)	1		
	34	-----	FD GR AZ	1		
	35	-----	FD GR CZ	1		
	36	30310546T	PU GUIDE(Z)	1		
	37	-----	FD SCREW(Z)	1		
	38	30310533T	THRUST SPR(M)	1		
	39	30310548T	PU M NUT(Z)	1		
	40	30310512T	NUT PUSH SPR PL	1		
	41	30310558T	CLP ARM(Z)	1		
	42	30310514T	CLP ARM SPRING	1		
	43	30310552T	CLAMPER(Z)	1		
	46	-----	LOCK PIN(FZ)	2		
	47	-----	LOCK PIN(RZ)	2		
	48	30310557T	CLAMPER PLATE(Z)	1		
	49	30310524T	DAMPER (J)	3		
	50	30310525T	CLP ARM SPR (L)	1		
	51	30310545T	F SCREW GUIDE(Z)	1		
	52	30310556T	PU G.SP PLT(Z)	1		
	54	-----	FEED MOTOR	2	FF030PK-09210	
	55	-----	SPINDLE MOTOR	1	RF300CA-11440D	
	56	64180405T	DET SW	1	ESE11SF4	
	57	OPTIMA-720L1	C.D PICK (CAR)	1		

Parts list (CD mechanism)

Block No. M2MM

△	Item	Parts number	Parts name	Q'ty	Description	Area
	61	30311035T	FPC HOLDER(Z)	1		
	62	19501403T	WIRE CLAMPER	3		
	63	30311037T	PICK UP FPC(Z)	1		
	64	30311036T	CONNECT.PCB(Z-J)	1		
	65	30311038T	WIRE (5P-Z)	1		
	66	30311039T	WIRE (LD-Z)	1		
	67	30311040T	WIRE (FD-Z)	1		
	68	30311041T	WIRE (RS-Z)	1		
	70	64180402T	DET SWITCH	2	ESE22MH1	
	71	64180403T	DET SWITCH	2	ESE22MH3	
	72	68150232T	CONNECTOR	1	TKC-W26X-C1	
	78	-----	LDG PULLEY	1		
	79	30311105T	SOPPORT PLATE	1		
	80	30311138T	GR MT BLK(N)	1		
	81	30311109T	LDG GEAR (2)	1		
	82	30311110T	LDG GEAR (3)	1		
	83	-----	LDG GEAR (4)	1		
	84	30311112T	LDG GEAR (5)	1		
	85	-----	LDG GR ARM	1		
	86	30311136T	LDG ROLLER	2		
	87	-----	LDG RLR SHAFT	1		
	88	30311118T	L.P SPRING (L)	1		
	89	30311119T	L.P SPRING (R)	1		
	90	30311123T	SW PCB	1		
	91	30311124T	SW ACTUATOR	1		
	92	30311129T	LDG BELT	1		
	93	30311140T	FRONT BRKT (J)	1		
	100	9C0620503T	C B TAP SCREW	2	M2X5	
	101	9C2020401T	C SCREW TS.G	5	M2X4	
	102	9C4320403T	C B TAP SCREW	4	M2X4	
	103	9C0117223T	SCREW	2	M1.7X2.2	
	104	9C4217703T	C TAP SCREW S3	1	M1.7X7	
	105	9C0320201T	C TAP SCREW S3	1	M2X2	
	106	9C4920013T	C TAP SCREW S3	2	M2X10	
	107	9C4920603T	C TAP SCREW B3	4	M2X6	
	108	9P0220031T	TAMS SCREW	2	M2X3	
	109	9C0314203T	C TAP SCREW	1	M1.4X2	
	110	9C0420253	C TAP SCREW	1	M2X2.5	
	112	-----	POLY WASHER	1	2.1X3.5X0.3	
	113	9W0330276	NW BLUE	2	2.9X5X0.3	
	114	-----	WAVE WASHER	1		
	115	-----	LUMILAR WASHER	1	2.5X6X0.1	
	116	9W0725030T	LUMILAR WASHER	1	2.3X9.8X0.25	
	117	9W0640030T	WASHER	1	1.4X3.2X0.4	
	130	303105310T	FEED MO ASSY	1	NO.34 54	
	131	303105311T	SPINDLE MO ASSY	1	NO.31 55 112	
	132	303105312T	FEED SCREW ASSY	1	NO.35 37	
	133	303111301T	LDG MOTOR ASSY	1	NO.54 78	

■ Parts list (CD mechanism)

Block No. M2MM

△	Item	Parts number	Parts name	Q'ty	Description	Area
	134	303111302T	ROLLER SHAFT	1	NO.114 115	
		303111302T	ROLLER SHAFT	1	NO.83 85 87	
	135	303105502T	T.T.BASE ASSY	1	NO.30 46 47	

■ Electrical parts list (Main board)

Block No. 01

△	Item	Parts number	Parts name	Remarks	Area	△	Item	Parts number	Parts name	Remarks	Area
	C 1	NDC21HJ-5R0X	C CAPACITOR				C 352	NCS21HJ-391X	C CAPACITOR		
	C 2	NDC21HJ-100X	C CAPACITOR				C 501	QERF1AM-227ZM	E CAPACITOR	220MF 20% 10V	
	C 3	QERF1HM-104Z	E CAPACITOR	.10MF 20% 50V			C 502	NCB21HK-103X	C CAPACITOR		
	C 4	NCS21HJ-221X	C CAPACITOR				C 503	QEKJ1CM-226Z	E CAPACITOR	22MF 20% 16V	
	C 5	QERF1HM-474Z	E CAPACITOR	.47MF 20% 50V			C 521	NCB21HK-103X	C CAPACITOR		
	C 6	NCB21EK-473X	C CAPACITOR				C 522	NCB21HK-103X	C CAPACITOR		
	C 7	NCS21HJ-101X	C CAPACITOR				C 523	NCB21EK-103X	C CAPACITOR		
	C 9	QER41AM-227	E CAPACITOR	220MF 20% 10V			C 524	QEKJ1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 10	NCB21HK-102X	C CAPACITOR				C 525	NCB21HK-103X	C CAPACITOR		
	C 31	QERF1HM-225Z	E CAPACITOR	2.2MF 20% 50V			C 526	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 32	NCB21HK-102X	C CAPACITOR				C 527	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 41	NCB21HK-333X	C CAPACITOR				C 528	NCS21HJ-101X	C CAPACITOR		
	C 42	NCB21HK-822X	C CAPACITOR				C 529	NCB21HK-103X	C CAPACITOR		
	C 43	QERF1CM-107Z	E CAPACITOR	100MF 20% 16V			C 530	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 44	NCB21HK-103X	C CAPACITOR				C 531	NCB21EK-104X	C CAPACITOR		
	C 51	QERF1HM-474Z	E CAPACITOR	.47MF 20% 50V			C 532	NCB21EK-104X	C CAPACITOR		
	C 52	NCB21HK-472X	C CAPACITOR				C 533	NCS21HJ-560X	C CAPACITOR		
	C 53	NCB21EK-104X	C CAPACITOR				C 541	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 54	NCB21HK-103X	C CAPACITOR				C 542	NCB21HK-103X	C CAPACITOR		
	C 55	NCB21HK-331X	C CAPACITOR				C 543	QEKJ1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C 71	NDC21HJ-820X	C CAPACITOR				C 544	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 72	NDC21HJ-470X	C CAPACITOR				C 545	NCB21HK-103X	C CAPACITOR		
	C 73	NCB21HK-103X	C CAPACITOR				C 546	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 74	QERF1AM-476Z	E CAPACITOR	47MF 20% 10V			C 547	NDC21HJ-470X	C CAPACITOR		
	C 75	NCS21HJ-561X	C CAPACITOR				C 548	NCB21HK-153X	C CAPACITOR		
	C 76	QEKJ1HM-225Z	E CAPACITOR	2.2MF 20% 50V			C 549	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 77	NCB21EK-223X	C CAPACITOR				C 550	NCB21HK-103X	C CAPACITOR		
	C 161	QEKJ1HM-105Z	E CAPACITOR	1.0MF 20% 50V			C 551	NCB21HK-272X	C CAPACITOR		
	C 162	NCB21HK-822X	C CAPACITOR				C 552	NCB21HK-103X	C CAPACITOR		
	C 163	NCB21CK-154X	C CAPACITOR				C 553	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 164	QEKJ1HM-224Z	E CAPACITOR	.22MF 20% 50V			C 554	NCB21HK-103X	C CAPACITOR		
	C 165	NCB21HK-333X	C CAPACITOR				C 555	NCB21EK-333X	C CAPACITOR		
	C 166	NCB21HK-562X	C CAPACITOR				C 556	NCB21HK-332X	C CAPACITOR		
	C 167	QEKJ1HM-225Z	E CAPACITOR	2.2MF 20% 50V			C 557	NCS21HJ-561X	C CAPACITOR		
	C 168	QEKJ1HM-225Z	E CAPACITOR	2.2MF 20% 50V			C 558	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 169	QERF1HM-105ZM	E CAPACITOR	1.0MF 20% 50V			C 559	NCB21HK-473X	C CAPACITOR		
	C 171	QERF1HM-105ZM	E CAPACITOR	1.0MF 20% 50V			C 560	NCB21HK-473X	C CAPACITOR		
	C 172	NCB21HK-183X	C CAPACITOR				C 561	NCB21HK-473X	C CAPACITOR		
	C 173	NCB21EK-104X	C CAPACITOR				C 562	NCB21HK-473X	C CAPACITOR		
	C 181	QEKJ1HM-105Z	E CAPACITOR	1.0MF 20% 50V			C 563	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 182	NCB21HK-822X	C CAPACITOR				C 564	NCB21HK-103X	C CAPACITOR		
	C 183	NCB21CK-154X	C CAPACITOR				C 565	NCB21HK-103X	C CAPACITOR		
	C 184	QEKJ1HM-224Z	E CAPACITOR	.22MF 20% 50V			C 566	NDC21HJ-100X	C CAPACITOR		
	C 185	NCB21HK-333X	C CAPACITOR				C 567	NDC21HJ-100X	C CAPACITOR		
	C 186	NCB21HK-562X	C CAPACITOR				C 568	NCB21HK-103X	C CAPACITOR		
	C 187	QERF1HM-225Z	E CAPACITOR	2.2MF 20% 50V			C 569	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 188	QERF1HM-225Z	E CAPACITOR	2.2MF 20% 50V			C 570	NCS21HJ-101X	C CAPACITOR		
	C 189	QEKJ1HM-105Z	E CAPACITOR	1.0MF 20% 50V			C 571	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 191	QERF1HM-105ZM	E CAPACITOR	1.0MF 20% 50V			C 572	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C 192	NCB21HK-183X	C CAPACITOR				C 573	NCB21HK-103X	C CAPACITOR		
	C 241	QEKJ1HM-224Z	E CAPACITOR	.22MF 20% 50V			C 581	NCS21HJ-821X	C CAPACITOR		
	C 242	NCB21EK-473X	C CAPACITOR				C 582	QEKF1EM-475ZM	E CAPACITOR	4.7MF 20% 25V	
	C 243	QEKJ1CM-226Z	E CAPACITOR	22MF 20% 16V			C 583	QEKJ0JM-476Z	E CAPACITOR	47MF 20% 6.3V	
	C 244	QEKJ1HM-105Z	E CAPACITOR	1.0MF 20% 50V			C 584	NCS21HJ-121X	C CAPACITOR		
	C 309	QERF1CM-106ZM	E CAPACITOR	10MF 20% 16V			C 591	NCS21HJ-821X	C CAPACITOR		
	C 310	QERF1CM-106ZM	E CAPACITOR	10MF 20% 16V			C 592	QEKF1EM-475ZM	E CAPACITOR	4.7MF 20% 25V	
	C 312	NCB21EK-473X	C CAPACITOR				C 593	QEKJ0JM-476Z	E CAPACITOR	47MF 20% 6.3V	
	C 313	NCB21EK-104X	C CAPACITOR				C 594	NCS21HJ-121X	C CAPACITOR		
	C 314	NCB21EK-104X	C CAPACITOR				C 595	QEKJ1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 315	NCB21EK-104X	C CAPACITOR				C 701	NDC21HJ-220X	C CAPACITOR		
	C 322	NCS21HJ-391X	C CAPACITOR				C 702	NDC21HJ-220X	C CAPACITOR		
	C 332	NCS21HJ-391X	C CAPACITOR				C 703	NCB21EK-104X	C CAPACITOR		
	C 342	NCS21HJ-391X	C CAPACITOR				C 704	NCB21EK-104X	C CAPACITOR		

■ Electrical parts list (Main board)

Block No. 01

△	Item	Parts number	Parts name	Remarks	Area	△	Item	Parts number	Parts name	Remarks	Area
	C 706	QEKJ0JM-107Z	E CAPACITOR	100MF 20% 6.3V			J 1	QNZ0009-001	CAR ANT JACK		
	C 707	NCB21HK-103X	C CAPACITOR				J 301	QNN0170-001	PIN JACK (REEL)		
	C 708	QERF0JM-107Z	E CAPACITOR	100MF 20% 6.3V			L 1	QQL244J-4R7Z	INDUCTOR		
	C 709	NCB21HK-103X	C CAPACITOR				L 541	QQL244J-4R7Z	INDUCTOR		
	C 712	NCS21HJ-680X	C CAPACITOR				L 542	QQL244J-4R7Z	INDUCTOR		
	C 713	NCB21HK-103X	C CAPACITOR				L 701	QQL244J-4R7Z	INDUCTOR		
	C 718	NCB21HK-103X	C CAPACITOR				L 961	QQR0703-001	CHOKE COIL		
	C 719	NCB21EK-104X	C CAPACITOR				Q 1	UN2211-X	TRANSISTOR		
	C 720	NCB21EK-104X	C CAPACITOR				Q 2	2SD601A/R/-X	TRANSISTOR		
	C 721	NCB21EK-104X	C CAPACITOR				Q 3	UN2111-X	TRANSISTOR		
	C 781	QERF0JM-107Z	E CAPACITOR	100MF 20% 6.3V			Q 4	2SB709A/R/-X	TRANSISTOR		
	C 782	QERF1CM-226Z	E CAPACITOR	22MF 20% 16V			Q 5	2SB815/7/-X	TRANSISTOR		
	C 783	NCB21EK-823X	C CAPACITOR				Q 7	UN2211-X	TRANSISTOR		
	C 891	NCB21EK-473X	C CAPACITOR				Q 31	2SD601A/R/-X	TRANSISTOR		
	C 901	QERF1AM-227ZM	E CAPACITOR	220MF 20% 10V			Q 32	2SD601A/R/-X	TRANSISTOR		
	C 902	NCB21HK-103X	C CAPACITOR				Q 41	2SD601A/R/-X	TRANSISTOR		
	C 903	QEKJ1CM-226Z	E CAPACITOR	22MF 20% 16V			Q 42	2SC3661-X	TRANSISTOR		
	C 904	QERF1AM-227ZM	E CAPACITOR	220MF 20% 10V			Q 43	UN2211-X	TRANSISTOR		
	C 905	QERF1CM-106ZM	E CAPACITOR	10MF 20% 16V			Q 51	2SD601A/R/-X	TRANSISTOR		
	C 906	QERF1CM-106ZM	E CAPACITOR	10MF 20% 16V			Q 52	2SD601A/R/-X	TRANSISTOR		
	C 907	QERF1HM-225Z	E CAPACITOR	2.2MF 20% 50V			Q 53	UN2211-X	TRANSISTOR		
	C 908	QEZO338-228	E CAPACITOR	2200MF			Q 161	2SD601A/R/-X	TRANSISTOR		
	C 909	NCB21EK-104X	C CAPACITOR				Q 162	UN2111-X	TRANSISTOR		
	C 911	QERF1AM-476Z	E CAPACITOR	47MF 20% 10V			Q 174	UN2111-X	TRANSISTOR		
	C 912	QEKJ1AM-107Z	E CAPACITOR	100MF 20% 10V			Q 181	2SD601A/R/-X	TRANSISTOR		
	C 913	QEKJ1CM-107Z	E CAPACITOR	100MF 20% 16V			Q 241	2SD601A/R/-X	TRANSISTOR		
	C 914	QERF1EM-475Z	E CAPACITOR	4.7MF 20% 25V			Q 341	2SD1048/6-7/-X	TRANSISTOR		
	C 915	QERF1CM-106ZM	E CAPACITOR	10MF 20% 16V			Q 351	2SD1048/6-7/-X	TRANSISTOR		
	CN501	QGB2027M1-26S	CONNECTOR				Q 501	2SB1322/RS/-T	TRANSISTOR		
	CP601	VMC0334-001	CONNECTOR	F.PANEL CONN.			Q 521	2SB1322/RS/-T	TRANSISTOR		
	CP961	QNZ0112-001	CAR CONNECTOR				Q 781	UN2111-X	TRANSISTOR		
	D 1	1SS133-T1	SI DIODE				Q 782	UN2211-X	TRANSISTOR		
	D 2	1SS133-T1	SI DIODE				Q 783	UN2111-X	TRANSISTOR		
	D 3	MA152WK-X	SI DIODE				Q 891	UN2211-X	TRANSISTOR		
	D 161	MA152WK-X	SI DIODE				Q 901	2SB709A/R/-X	TRANSISTOR		
	D 241	1SS133-T1	SI DIODE				Q 902	UN2213-X	TRANSISTOR		
	D 242	1SS133-T1	SI DIODE				Q 976	UN2211-X	TRANSISTOR		
	D 341	MA152WA-X	DIODE				Q 977	2SB709A/R/-X	TRANSISTOR		
	D 501	DSK10C-T1	DIODE				R 1	NRSA02J-0R0X	MG RESISTOR		
	D 701	MA3056/M/-X	ZENER DIODE				R 2	NRSA02J-102X	MG RESISTOR		
	D 702	MA3056/M/-X	ZENER DIODE				R 3	NRSA02J-102X	MG RESISTOR		
	D 703	MA3056/M/-X	ZENER DIODE				R 4	NRSA02J-223X	MG RESISTOR		
	D 704	MA3056/M/-X	ZENER DIODE				R 5	NRSA02J-472X	MG RESISTOR		
	D 705	MA3056/M/-X	ZENER DIODE				R 6	NRSA02J-473X	MG RESISTOR		
	D 706	MA3056/M/-X	ZENER DIODE				R 7	NRSA02J-472X	MG RESISTOR		
	D 781	MA152WK-X	SI DIODE				R 8	NRSA02J-473X	MG RESISTOR		
	D 782	1SS133-T1	SI DIODE				R 9	NRSA02J-332X	MG RESISTOR		
	D 784	MA3110/M/-X	ZENER DIODE				R 10	NRS181J-8R2X	MG RESISTOR		
	D 891	MA152WA-X	DIODE				R 31	NRSA02J-102X	MG RESISTOR		
	D 909	MA152WA-X	DIODE				R 32	NRSA02J-103X	MG RESISTOR		
	D 910	CRS03-W	SB DIODE				R 33	NRSA02J-152X	MG RESISTOR		
	D 911	1N5401-TU-15	DIODE				R 41	NRSA02J-332X	MG RESISTOR		
	D 912	CRS03-W	SB DIODE				R 42	NRSA02J-102X	MG RESISTOR		
	D 953	MA152WK-X	SI DIODE				R 43	NRSA02J-102X	MG RESISTOR		
	IC 71	SAA6579T-X	IC				R 44	NRS181J-330X	MG RESISTOR		
	IC161	TEA6320T-X	IC				R 51	NRSA02J-471X	MG RESISTOR		
	IC301	HA13158A	IC				R 52	NRSA02J-153X	MG RESISTOR		
	IC501	LA6567H-X	IC				R 53	NRSA02J-103X	MG RESISTOR		
	IC521	TA2109F-X	IC				R 54	NRSA02J-103X	MG RESISTOR		
	IC541	TC9462F	IC				R 55	NRSA02J-222X	MG RESISTOR		
	IC581	NJM4565M-WE	IC				R 56	NRSA02J-473X	MG RESISTOR		
	IC701	UPD178078GF-525	IC				R 57	NRSA02J-473X	MG RESISTOR		
	IC961	BA4905-V3	IC				R 58	NRSA02J-473X	MG RESISTOR		

■ Electrical parts list (Main board)

Block No. 01

△	Item	Parts number	Parts name	Remarks	Area	△	Item	Parts number	Parts name	Remarks	Area
	R 71	NRSA02J-222X	MG RESISTOR				R 544	NRSA02J-472X	MG RESISTOR		
	R 72	NRSA02J-222X	MG RESISTOR				R 545	NRSA02J-103X	MG RESISTOR		
	R 73	NRSA02J-222X	MG RESISTOR				R 546	NRSA02J-103X	MG RESISTOR		
	R 161	NRSA02J-224X	MG RESISTOR				R 547	NRSA02J-473X	MG RESISTOR		
	R 162	NRSA02J-223X	MG RESISTOR				R 548	NRSA02J-683X	MG RESISTOR		
	R 163	NRSA02J-222X	MG RESISTOR				R 549	NRSA02J-474X	MG RESISTOR		
	R 164	NRSA02J-332X	MG RESISTOR				R 550	NRSA02J-333X	MG RESISTOR		
	R 165	NRSA02J-473X	MG RESISTOR				R 551	NRSA02J-103X	MG RESISTOR		
	R 166	NRSA02J-473X	MG RESISTOR				R 552	NRSA02J-152X	MG RESISTOR		
	R 167	NRSA02J-103X	MG RESISTOR				R 553	NRSA02J-153X	MG RESISTOR		
	R 168	NRSA02J-223X	MG RESISTOR				R 554	NRSA02J-332X	MG RESISTOR		
	R 169	NRSA02J-472X	MG RESISTOR				R 555	NRSA02J-332X	MG RESISTOR		
	R 170	NRSA02J-472X	MG RESISTOR				R 556	NRSA02J-682X	MG RESISTOR		
	R 181	NRSA02J-224X	MG RESISTOR				R 557	NRSA02J-152X	MG RESISTOR		
	R 182	NRSA02J-223X	MG RESISTOR				R 558	NRS181J-101X	MG RESISTOR		
	R 183	NRSA02J-222X	MG RESISTOR				R 581	NRSA02J-243X	MG RESISTOR		
	R 184	NRSA02J-332X	MG RESISTOR				R 582	NRSA02J-223X	MG RESISTOR		
	R 185	NRSA02J-473X	MG RESISTOR				R 583	NRSA02J-223X	MG RESISTOR		
	R 186	NRSA02J-473X	MG RESISTOR				R 584	NRSA02J-333X	MG RESISTOR		
	R 187	NRSA02J-103X	MG RESISTOR				R 585	NRSA02J-123X	MG RESISTOR		
	R 188	NRSA02J-223X	MG RESISTOR				R 586	NRSA02J-152X	MG RESISTOR		
	R 241	NRSA02J-823X	MG RESISTOR				R 591	NRSA02J-243X	MG RESISTOR		
	R 242	NRSA02J-102X	MG RESISTOR				R 592	NRSA02J-223X	MG RESISTOR		
	R 243	NRSA02J-101X	MG RESISTOR				R 593	NRSA02J-223X	MG RESISTOR		
	R 244	NRSA02J-123X	MG RESISTOR				R 594	NRSA02J-333X	MG RESISTOR		
	R 245	NRSA02J-184X	MG RESISTOR				R 595	NRSA02J-123X	MG RESISTOR		
	R 246	NRSA02J-223X	MG RESISTOR				R 596	NRSA02J-152X	MG RESISTOR		
	R 247	NRSA02J-473X	MG RESISTOR				R 685	NRSA02J-103X	MG RESISTOR		
	R 310	NRSA02J-472X	MG RESISTOR				R 686	NRSA02J-103X	MG RESISTOR		
	R 321	NRSA02J-273X	MG RESISTOR				R 701	NRSA02J-102X	MG RESISTOR		
	R 331	NRSA02J-273X	MG RESISTOR				R 702	NRSA02J-122X	MG RESISTOR		
	R 341	NRSA02J-273X	MG RESISTOR				R 703	NRSA02J-222X	MG RESISTOR		
	R 342	NRSA02J-102X	MG RESISTOR				R 704	NRSA02J-222X	MG RESISTOR		
	R 343	NRSA02J-222X	MG RESISTOR				R 705	NRSA02J-222X	MG RESISTOR		
	R 344	NRSA02J-101X	MG RESISTOR				R 706	NRSA02J-103X	MG RESISTOR		
	R 351	NRSA02J-273X	MG RESISTOR				R 707	NRSA02J-473X	MG RESISTOR		
	R 352	NRSA02J-102X	MG RESISTOR				R 708	NRSA02J-473X	MG RESISTOR		
	R 353	NRSA02J-222X	MG RESISTOR				R 709	NRSA02J-472X	MG RESISTOR		
	R 354	NRSA02J-101X	MG RESISTOR				R 710	NRSA02J-472X	MG RESISTOR		
	R 501	NRSA02J-562X	MG RESISTOR				R 711	NRSA02J-472X	MG RESISTOR		
	R 502	NRSA02J-562X	MG RESISTOR				R 712	NRSA02J-472X	MG RESISTOR		
	R 503	NRSA02J-242X	MG RESISTOR				R 713	NRSA02J-103X	MG RESISTOR		
	R 504	NRSA02J-203X	MG RESISTOR				R 714	NRSA02J-103X	MG RESISTOR		
	R 506	NRS181J-0R0X	MG RESISTOR				R 715	NRSA02J-103X	MG RESISTOR		
	R 507	NRS181J-822X	MG RESISTOR				R 716	NRSA02J-103X	MG RESISTOR		
	R 508	NRS181J-203X	MG RESISTOR				R 717	NRSA02J-103X	MG RESISTOR		
	R 521	NRSA02J-473X	MG RESISTOR				R 718	NRSA02J-103X	MG RESISTOR		
	R 522	NRSA02J-473X	MG RESISTOR				R 719	NRSA02J-472X	MG RESISTOR		
	R 523	NRSA02J-473X	MG RESISTOR				R 720	NRSA02J-472X	MG RESISTOR		
	R 524	NRSA02J-473X	MG RESISTOR				R 721	NRSA02J-472X	MG RESISTOR		
	R 525	NRSA02J-104X	MG RESISTOR				R 722	NRSA02J-0R0X	MG RESISTOR		
	R 526	NRSA02J-104X	MG RESISTOR				R 723	NRSA02J-104X	MG RESISTOR		
	R 527	NRSA02J-220X	MG RESISTOR				R 724	NRSA02J-472X	MG RESISTOR		
	R 528	NRSA02J-220X	MG RESISTOR				R 725	NRSA02J-104X	MG RESISTOR		
	R 529	NRSA02J-273X	MG RESISTOR				R 726	NRSA02J-473X	MG RESISTOR		
	R 530	NRSA02J-333X	MG RESISTOR				R 727	NRSA02J-473X	MG RESISTOR		
	R 531	NRSA02J-222X	MG RESISTOR				R 728	NRSA02J-473X	MG RESISTOR		
	R 532	NRSA02J-153X	MG RESISTOR				R 729	NRSA02J-473X	MG RESISTOR		
	R 533	NRSA02J-682X	MG RESISTOR				R 730	NRSA02J-104X	MG RESISTOR		
	R 534	NRSA02J-473X	MG RESISTOR				R 731	NRSA02J-104X	MG RESISTOR		
	R 541	NRSA02J-472X	MG RESISTOR				R 732	NRSA02J-473X	MG RESISTOR		
	R 542	NRSA02J-472X	MG RESISTOR				R 733	NRSA02J-473X	MG RESISTOR		
	R 543	NRSA02J-472X	MG RESISTOR				R 734	NRSA02J-103X	MG RESISTOR		

■ Electrical parts list (Main board)

Block No. 01

△	Item	Parts number	Parts name	Remarks	Area
	R 736	NRSA02J-103X	MG RESISTOR		
	R 737	NRSA02J-473X	MG RESISTOR		
	R 738	NRSA02J-103X	MG RESISTOR		
	R 739	NRSA02J-473X	MG RESISTOR		
	R 740	NRSA02J-103X	MG RESISTOR		
	R 742	NRSA02J-473X	MG RESISTOR		
	R 744	NRSA02J-222X	MG RESISTOR		
	R 745	NRSA02J-222X	MG RESISTOR		
	R 747	NRSA02J-473X	MG RESISTOR		
	R 750	NRSA02J-473X	MG RESISTOR		
	R 781	NRS181J-273X	MG RESISTOR		
	R 782	NRS181J-102X	MG RESISTOR		
	R 801	NRSA02J-104X	MG RESISTOR		
	R 802	NRSA02J-104X	MG RESISTOR		
	R 803	NRSA02J-104X	MG RESISTOR		
	R 807	NRSA02J-104X	MG RESISTOR		
	R 809	NRSA02J-104X	MG RESISTOR		
	R 891	NRSA02J-473X	MG RESISTOR		
	R 892	NRSA02J-102X	MG RESISTOR		
	R 901	NRSA02J-222X	MG RESISTOR		
	R 902	NRSA02J-473X	MG RESISTOR		
	R 903	NRSA02J-0R0X	MG RESISTOR		
	R 905	NRSA02J-472X	MG RESISTOR		
	R 906	NRSA02J-103X	MG RESISTOR		
	R 907	QRZ0125-470X	C RESISTOR	47 1/1W	
	R 911	NRSA02J-100X	MG RESISTOR		
	R 976	NRSA02J-473X	MG RESISTOR		
	R 977	NRSA02J-273X	MG RESISTOR		
	R 978	NRSA02J-123X	MG RESISTOR		
	TU 1	QAU0156-002	TUNER		
	X 71	QAX0263-001Z	CRYSTAL		
	X 541	QAX0413-001Z	CRYSTAL		
	X 701	QAX0406-001Z	CRYSTAL		

■ Electrical parts list (Front board)

Block No. 02

△	Item	Parts number	Parts name	Remarks	Area
	C 681	NCB21HK-223X	C CAPACITOR		
	C 682	NCB21HK-223X	C CAPACITOR		
	C 691	NCB21HK-223X	C CAPACITOR		
	C 697	NBE41DM-225X	TS E CAPACITOR		
	C 698	NCS21HJ-681X	C CAPACITOR		
	CP691	VMC0335-001	CONNECTOR		
	D 631	SML-310LT/MN/-X	LED	POWER LED	
	D 632	SML-310VT/JK/-X	LED	R.ENC LED1	
	D 633	SML-310VT/JK/-X	LED	R.ENC LED2	
	D 634	SML-310VT/JK/-X	LED	R.ENC LED3	
	D 635	SML-310VT/JK/-X	LED	R.ENC LED4	
	D 636	SML-310VT/JK/-X	LED	R.ENC LED5	
	D 637	SML-310VT/JK/-X	LED	SEL LED1	
	D 638	SML-310VT/JK/-X	LED	SEL LED2	
	D 639	SML-310VT/JK/-X	LED	SEL LED3	
	D 640	SML-310VT/JK/-X	LED	EJECT LED	
	D 641	SML-310VT/JK/-X	LED	F.SKIP/UP LED	
	D 642	SML-310VT/JK/-X	LED	B.SKIP/DOWN LED	
	D 643	SML-310VT/JK/-X	LED	MO/RND LED	
	D 644	SML-310VT/JK/-X	LED	RPT LED	
	D 645	SML-310VT/JK/-X	LED	CD LED	
	D 646	SML-310VT/JK/-X	LED	FM/AM LED	
	D 647	SML-310VT/JK/-X	LED	EXT/CD-CH LED	
	D 648	SML-310VT/JK/-X	LED	1 LED	
	D 649	SML-310VT/JK/-X	LED	2 LED	
	D 650	SML-310VT/JK/-X	LED	3 LED	
	D 651	SML-310VT/JK/-X	LED	4 LED	
	D 652	SML-310VT/JK/-X	LED	5 LED	
	D 653	SML-310VT/JK/-X	LED	6 LED	
	D 654	SML-310VT/JK/-X	LED	SOUND	
	D 655	SML-310VT/JK/-X	LED	DISPLAY	
	D 656	SML-310VT/JK/-X	LED	SCAN	
	D 657	LNJ308G81/1-3/X	LED	BBE LED	
	D 659	NSPW310BS/BRS/	LED	LCD ILLUM.LED1	
	D 660	NSPW310BS/BRS/	LED	LCD ILLUM.LED2	
	D 670	MA3051/M/-X	ZENER DIODE		
	D 691	MA3047/M/-X	ZENER DIODE		
	D 692	MA152WK-X	SI DIODE		
	IC691	LC75823W	IC		
	JS690	QSW0863-001	JOG SHUTTLE SW		
	R 602	NRSA02J-821X	MG RESISTOR		
	R 603	NRSA02J-821X	MG RESISTOR		
	R 604	NRSA02J-122X	MG RESISTOR		
	R 605	NRSA02J-182X	MG RESISTOR		
	R 606	NRSA02J-272X	MG RESISTOR		
	R 608	NRSA02J-821X	MG RESISTOR		
	R 609	NRSA02J-821X	MG RESISTOR		
	R 610	NRSA02J-122X	MG RESISTOR		
	R 611	NRSA02J-182X	MG RESISTOR		
	R 612	NRSA02J-272X	MG RESISTOR		
	R 613	NRSA02J-392X	MG RESISTOR		
	R 614	NRSA02J-103X	MG RESISTOR		
	R 616	NRSA02J-821X	MG RESISTOR		
	R 617	NRSA02J-821X	MG RESISTOR		
	R 618	NRSA02J-122X	MG RESISTOR		
	R 619	NRSA02J-182X	MG RESISTOR		
	R 620	NRSA02J-272X	MG RESISTOR		
	R 631	NRSA02J-271X	MG RESISTOR		
	R 632	NRSA02J-271X	MG RESISTOR		
	R 633	NRSA02J-271X	MG RESISTOR		
	R 634	NRSA02J-271X	MG RESISTOR		
	R 635	NRSA02J-271X	MG RESISTOR		
	R 636	NRSA02J-271X	MG RESISTOR		

△	Item	Parts number	Parts name	Remarks	Area
	R 637	NRSA02J-391X	MG RESISTOR		
	R 638	NRSA02J-391X	MG RESISTOR		
	R 639	NRSA02J-511X	MG RESISTOR		
	R 640	NRSA02J-511X	MG RESISTOR		
	R 641	NRSA02J-511X	MG RESISTOR		
	R 642	NRSA02J-511X	MG RESISTOR		
	R 643	NRSA02J-511X	MG RESISTOR		
	R 644	NRSA02J-511X	MG RESISTOR		
	R 645	NRSA02J-681X	MG RESISTOR		
	R 646	NRSA02J-681X	MG RESISTOR		
	R 647	NRSA02J-911X	MG RESISTOR		
	R 648	NRSA02J-911X	MG RESISTOR		
	R 649	NRSA02J-911X	MG RESISTOR		
	R 650	NRSA02J-911X	MG RESISTOR		
	R 651	NRSA02J-561X	MG RESISTOR		
	R 652	NRSA02J-152X	MG RESISTOR		
	R 681	NRSA02J-101X	MG RESISTOR		
	R 690	NRSA02J-0R0X	MG RESISTOR		
	R 691	NRSA02J-222X	MG RESISTOR		
	R 692	NRSA02J-222X	MG RESISTOR		
	R 693	NRSA02J-103X	MG RESISTOR		
	R 694	NRSA02J-103X	MG RESISTOR		
	R 695	NRSA02J-103X	MG RESISTOR		
	R 696	NRSA02J-103X	MG RESISTOR		
	R 697	NRSA02J-684X	MG RESISTOR		
	R 698	NRSA02J-513X	MG RESISTOR		
	S 601	NSW0124-001X	TACT SWITCH	POWER	
	S 602	NSW0124-001X	TACT SWITCH	SOUND	
	S 603	NSW0124-001X	TACT SWITCH	DISPLAY	
	S 604	NSW0124-001X	TACT SWITCH	SCAN	
	S 605	NSW0124-001X	TACT SWITCH	BBE	
	S 606	NSW0124-001X	TACT SWITCH	1 /VCR FUNC.	
	S 607	NSW0124-001X	TACT SWITCH	SELECT	
	S 608	NSW0124-001X	TACT SWITCH	2	
	S 609	NSW0124-001X	TACT SWITCH	3 /VCR PLAY	
	S 610	NSW0124-001X	TACT SWITCH	4 /VCR STOP	
	S 611	NSW0124-001X	TACT SWITCH	5 /VCR REW	
	S 612	NSW0124-001X	TACT SWITCH	6 /VCR FWD	
	S 613	NSW0124-001X	TACT SWITCH	F.SKIP/UP	
	S 614	NSW0124-001X	TACT SWITCH	EJECT	
	S 615	NSW0124-001X	TACT SWITCH	EXT./CD-CH	
	S 616	NSW0124-001X	TACT SWITCH	FM/AM	
	S 617	NSW0124-001X	TACT SWITCH	CD	
	S 618	NSW0124-001X	TACT SWITCH	RPT	
	S 619	NSW0124-001X	TACT SWITCH	MO/RND	
	S 620	NSW0124-001X	TACT SWITCH	B.SKIP/DOWN	

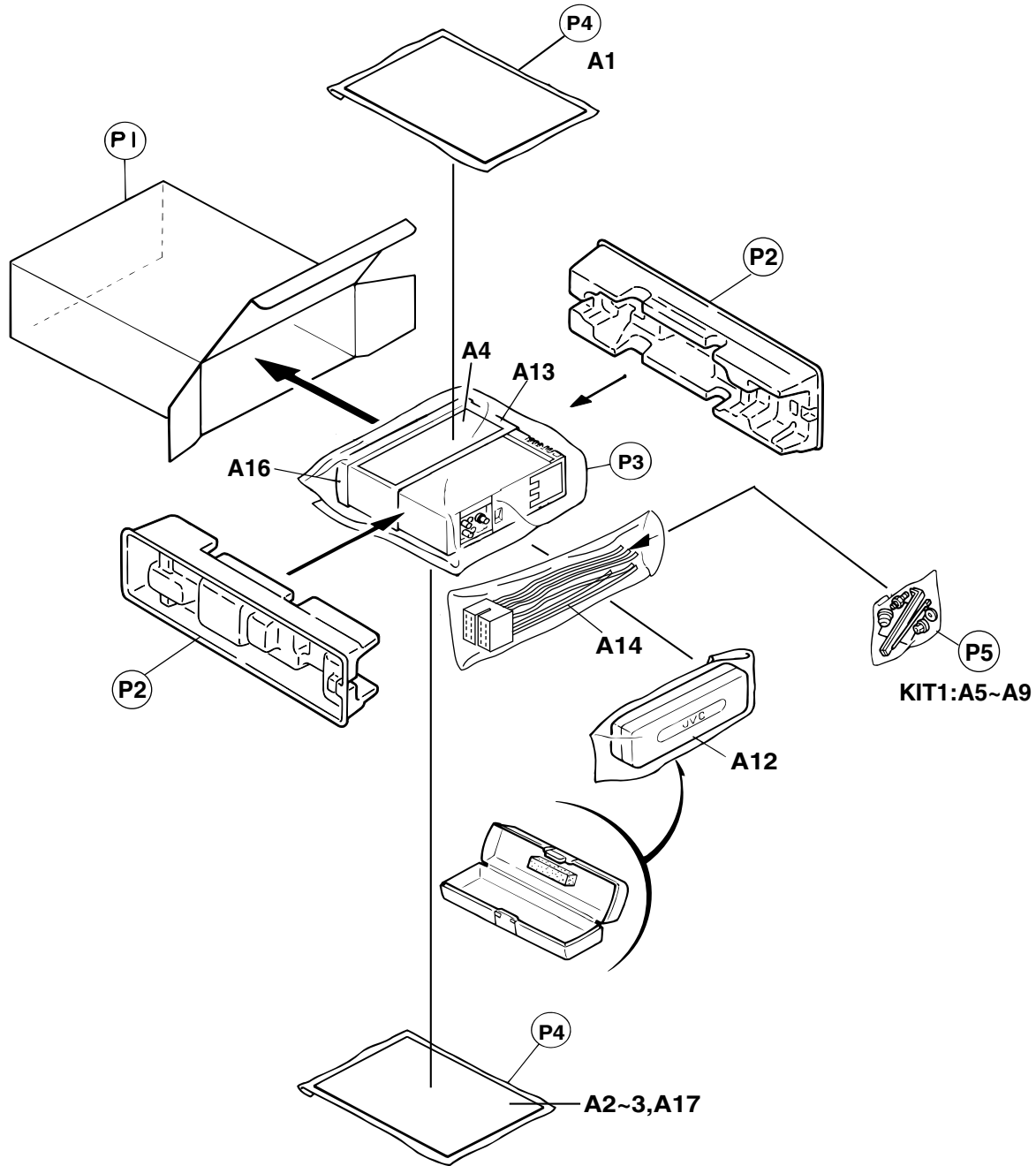
Packing materials and accessories parts list

Block No.

M	3	M	M
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Block No.

M	4	M	M
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Parts list (Packing)

Block No. M3MM

△	Item	Parts number	Parts name	Q'ty	Description	Area
	P 1	FSPE3004-092	CARTON	1		
	P 2	FSPH1018-002	PAPER CUSHION	2		
	P 3	VPE3005-064	POLY BAG	1	FOR SET	
	P 4	QPA01703505P	POLY BAG	2	FOR INST.BOOK	
	P 5	QPA00801205	POLY BAG	1	FOR SCREW KIT	

Parts list (Accessories)

Block No. M4MM

△	Item	Parts number	Parts name	Q'ty	Description	Area
	A 1	FSUN3117-312	INST.BOOK	1	ENG,GER,FRE,DUT	
	A 2	FSUN3117-322	INST.BOOK	1	SPA,ITA,SWE,FIN	
	A 3	FSUN3117-T482	INSTALL MAUNAL	1	SWE,FIN	
		FSUN3117-T452	INSTALL MAUNAL	1	DUT,SPA,ITA	
		FSUN3117-T212	INSTALL MAUNAL	1	ENG,GER,FRE,	
	A 4	LV40978-001A	CAUTION SHEET	1		
	A 5	VKZ4027-202	PLUG NUT	1		
	A 6	VKH4871-001SS	MOUNT BOLT	1		
	A 7	VKZ4328-001	LOCK NUT	1		
	A 8	WNS5000Z	WASHER	1		
	A 9	FSKL4010-002	HOOK	2		
	A 12	FSJB3001-30C	HARD CASE	1		
	A 13	FSKM2004-202	MOUNTING SLEEVE	1		
	A 14	QAM0175-001	POWER CORD	1	WITH TEL MUTE	
	A 16	FSJD2034-001	TRIM PLATE	1		
	A 17	BT-54013-1	WARRANTY CARD	1		
	KIT 1	KDGS717K-SCREW1	SCREW PARTS KIT	1	A5-A9	