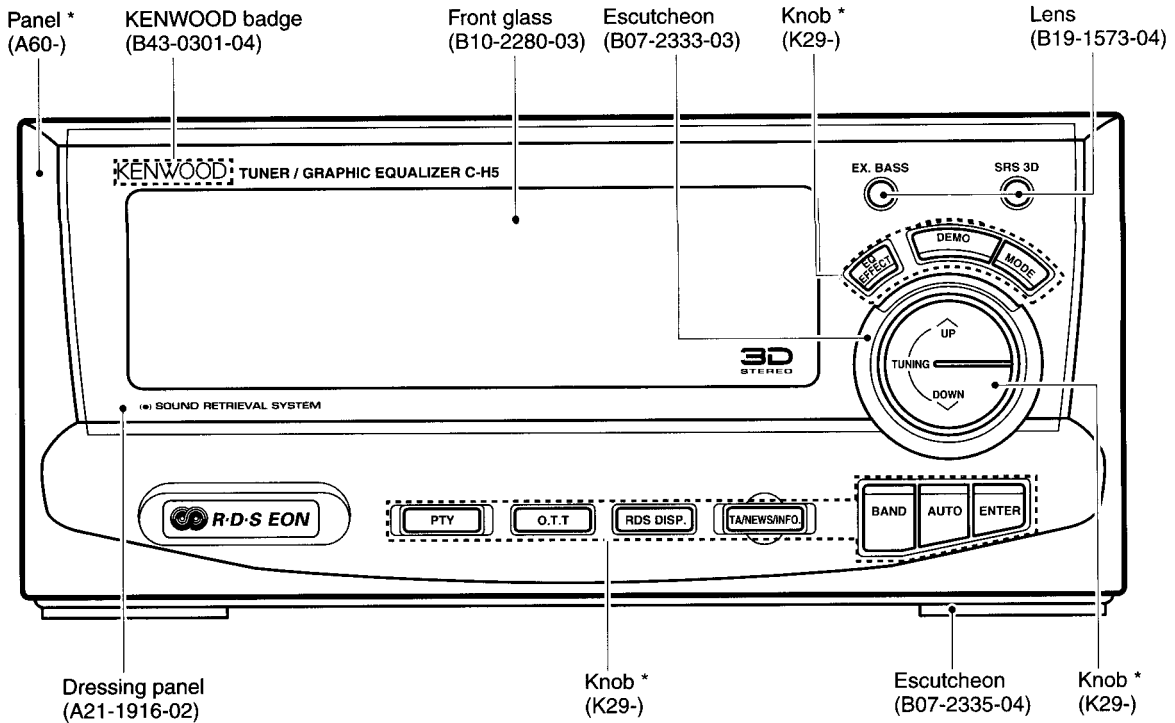


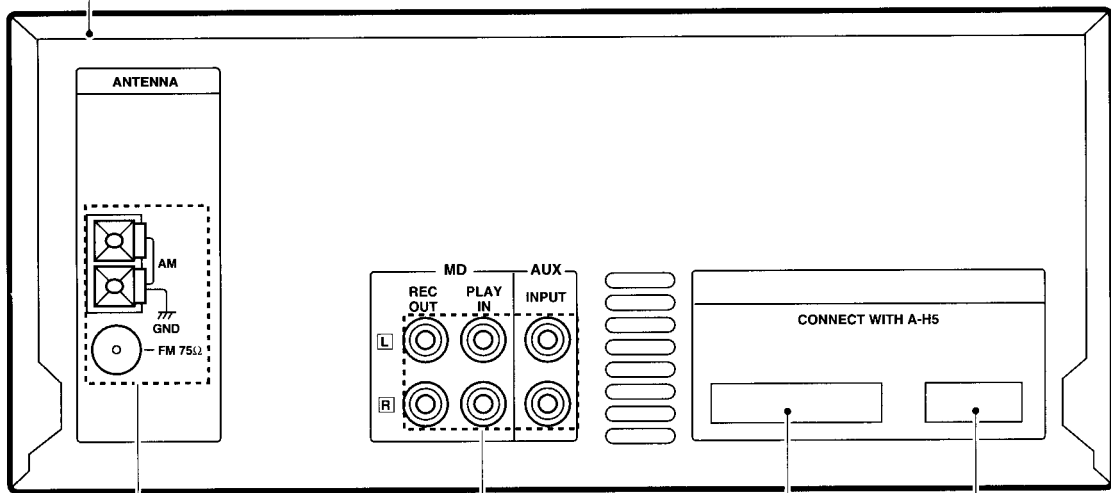
TUNER/GRAPHIC EQUALIZER
C-H5/H51/H5W/H6/H61/H6W/H7
SERVICE MANUAL
(XD-6000/8000/9580 SERIES)

KENWOOD

© 1997-4/B51-5297-00 (K/K) 2341



Metallic cabinet (A01-3434-01)



Lock terminal board * (E70-)

Phono jack (E63-0047-15)

Rectangular receptacle (E58-0006-05)

Rectangular receptacle (E58-0016-05)

PRECAUTIONS FOR REPAIR

C-H5-H7 do not have a power supply transformer. Use A-H5 or PS-94UA power supply to supply power.

Illustration is C-H5.

* Refer to parts list on page 33.



C-H5/H51/H5W/H6/H61/H6W/H7

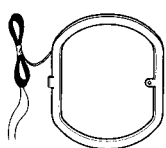
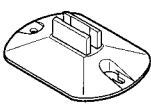

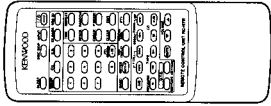
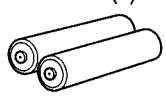


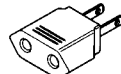
CONTENTS / ACCESSORIES

Contents

| | | | |
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| CONTROLS | 3 | EXPLODED VIEW | 32 |
| CIRCUIT DESCRIPTION | 6 | PARTS LIST | 33 |
| ADJUSTMENT | 10 | SPECIFICATIONS | Back cover |
| PC BOARD | 11 | | |

Note : On serial test mode, refer to **KR-7080/8080 (B51-5162-00)** Service manual.

Accessories

| | | | |
|--|--|---|--|
| AM loop antenna assy (1) (T90-0820-05)  | Loop antenna stand(1)  | Parallel cord (E30-2738-05)  | Remote control unit (1) * (A70-)  |
| Batteries (R6/AA) (2) (-)  | Speaker cord (2) (E30-5156-08)  | FM indoor antenna (1) (T90-0801-05): KMYI (T90-0809-05): TEQ  | Battery cover : (A09-0380-08) AC plug adaptor (1) (Except for the Europe. U.K. and Australia) (E03-0115-05)  |

For the unit with a European AC plug in areas other than Europe.

* Refer to parts list.

System configuration

| SYSTEM | TUNER / EQUALIZER | AMPLIFIER | CASSETTE DECK | CD PLAYER | SPEAKER | MD RECORDER |
|-----------|-------------------|-----------|---------------|-----------|---------|-------------|
| XD-6060 | C-H51 | A-H5 | X-H5 | DP-H5 | LS-H6 | - |
| XD-6500 | C-H5 | A-H5 | X-H5 | DP-MH5 | LS-H5 | - |
| XD-6560 | C-H51 | A-H5 | X-H5 | DP-MH5 | LS-H6 | - |
| XD-8000 | C-H6 | A-H5 | X-H5 | DP-H5 | LS-H6 | - |
| XD-8550 | C-H6 | A-H5 | X-H5 | DP-MH5 | LS-H6 | - |
| XD-8560 | C-H61 | A-H5 | X-H5 | DP-MH5 | LS-H6 | - |
| XD-6000/W | C-H5/W | A-H5 | X-H5 | DP-H5 | LS-H5 | - |
| XD-6050/W | C-H5/W | A-H5 | X-H5 | DP-H5 | LS-H5 | - |
| XD-6550/W | C-H5/W | A-H5 | X-H5 | DP-MH5 | LS-H5 | - |
| XD-8050/W | C-H6/W | A-H5 | X-H5 | DP-H5 | LS-H6 | - |
| XD-8500/W | C-H6 | A-H5 | X-H5 | DP-MH5 | LS-H6 | - |
| XD-9580MD | C-H7 | A-H5 | - | DP-MH5 | LS-H6 | DM-H5 |

PCB ASS'Y vs MODEL NAME

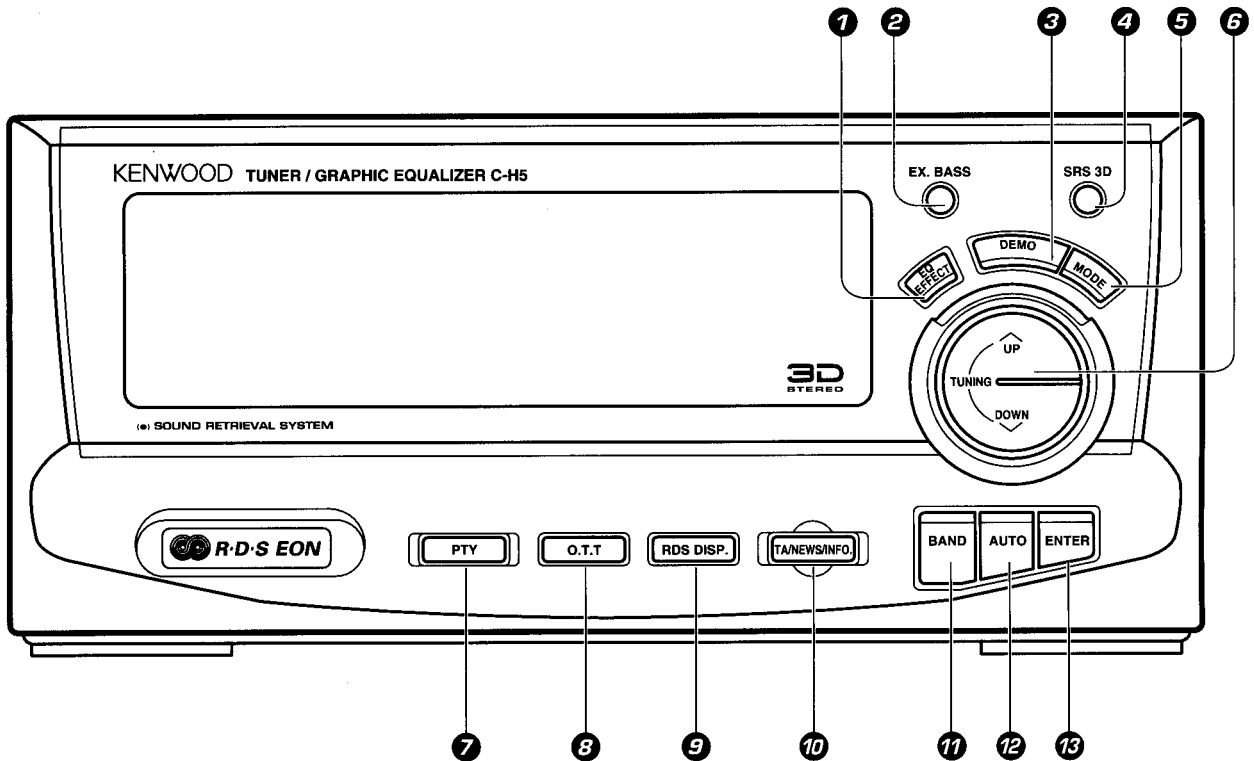
| PCB NAME | TYPE | MODEL NAME |
|-------------|-------|--------------|
| X04-1313-81 | Q | C-H5W/H6W |
| X05-4650-52 | T | C-H5/H6/H7 |
| X05-4652-71 | E | C-/H5/H6/H7 |
| X05-4653-82 | Q | C-/H5W/H6W |
| X05-4660-12 | K | C-H7 |
| X05-4660-21 | Y/M/I | C-H51/H61/H7 |
| X11-3700-21 | K/M | C-H7 |
| X11-3700-22 | Y/M/I | C-H61 |
| X11-3700-23 | Y/M/I | C-H51 |

| PCB NAME | TYPE | MODEL NAME |
|-------------|------|------------|
| X11-3700-51 | T | C-H7 |
| X11-3700-52 | T | C-H6 |
| X11-3700-53 | T | C-H5 |
| X11-3702-71 | E | C-H7 |
| X11-3702-72 | E | C-H6 |
| X11-3702-73 | E | C-H5 |
| X11-3703-81 | Q | C-H6W |
| X11-3703-82 | Q | C-H5W |

C-H5/H51/H5W/H6/H61/H6W/H7

CONTROLS

Tuner/Equalizer Unit (C-H5)



1 EQ. EFFECT Key

The equalizer defect is switched ON/OFF and the type of equalizer effect is selected.

2 EX. BASS (Extra bass) key/Indicator

When power is ON: Press to enhance.
When power is STANDBY: Used in the timer setting operation.

3 DISPLAY/DEMO key

when power is ON: Switches the displayed information. Switches the demonstration on and off.

When power is STANDBY: Switches the demonstration on and off.

4 SRS 3D key/Indicator

When power is ON: Switches the SRS 3D play on and off.

When power is STANDBY: Used in the timer setting operation.

5 MODE key

Press to switch the function of the **TUNING UP/DOWN** keys. The function which can be selected are variable depending on the condition of the system at each moment.

6 TUNING UP/DOWN key

These keys are usually used to select the broadcast station to be selected. When required, the functions of these keys can be switched with the MODE key.

7 PTY key

8 O.T.T key

Press when setting the O.T.T timer function.

9 RDS DISP. key

10 TA/NEWS/INFO. key

When power is STANDBY: Switches the auto power-save mode on and off.

11 BAND key

Press to switch the receiving band.

12 AUTO key

When power is ON: Switches the tuning mode.
When power is STANDBY: Used in the clock adjustment.

13 ENTER key

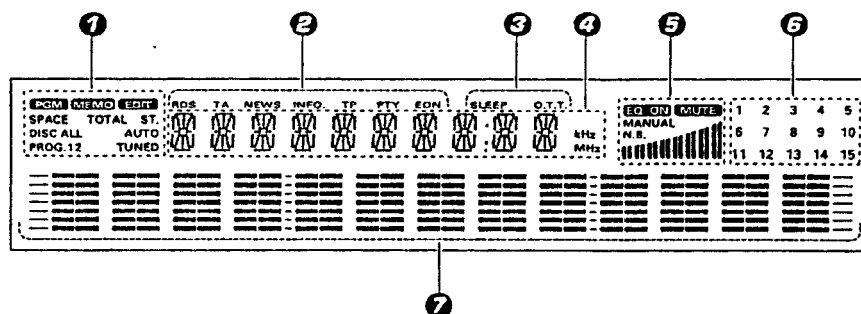
Used for time setting, timer setting, etc.

* Please refer to **A-H5** service manual on Remote control.

C-H5/H51/H5W/H6/H61/H6W/H7

CONTROLS

Display (C-H5)



1 Tuner and applied operation indicators

This section contains the indicators of the tuner operations as well as applied CD operation.

2 RDS-related indicators

3 Timer-related display

4 Character information display

5 Volume/tone-Timer-related display

This includes the graphic display of the current volume size and the indicators which light up when the equalizer is controlled.

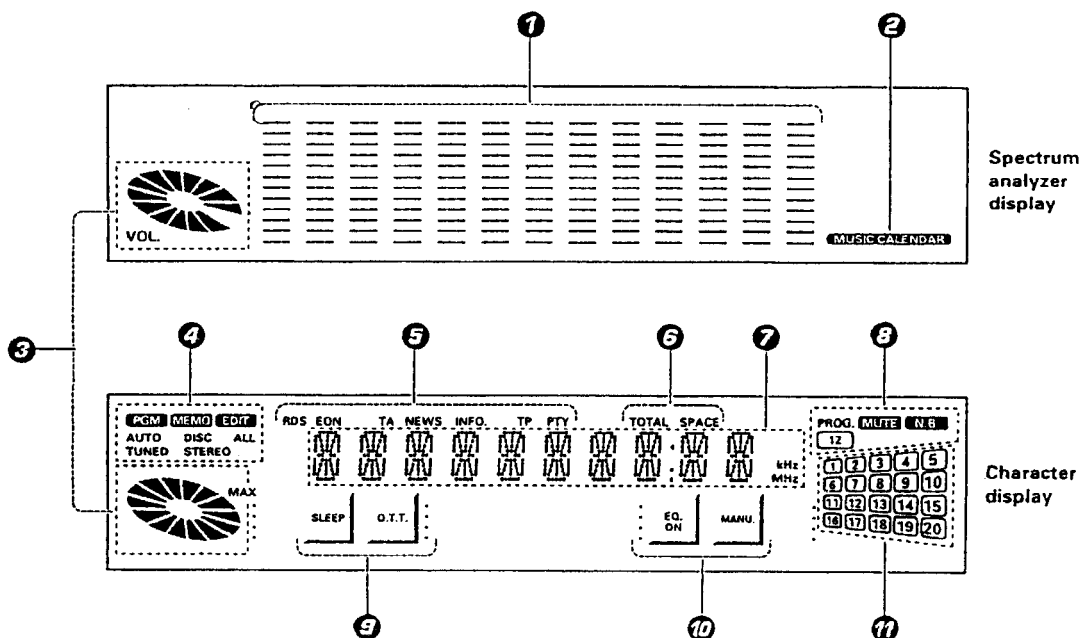
6 Music calendar display

The indicators in this section show the number of tracks recorded on a CD. Each track number indicators turns off when the playback of the track has completed.

7 Graphic equalizer display

The displayed equalizer pattern varies according to the musci played. The equalizer pattern display format can be changed as required.

Display (C-H6)



1 Equalizer indicator

This section shows the equalizer pattern in use. The equalizer pattern display format can be switched.

2 MUSIC CALENDAR indicator

3 Volume indicator

The display varies as the **VOLUME CONTROL** of the amplifier unit (A-H5) is operated. Usually, this section shows the current volume setting.

4 Tuner and applied operation indicators

This section contains the indicators of the tuner operations as well as applied CD operation.

5 RDS-related indicators

6 CD-related indicators

These indicator light during recording and playback of CD.

7 Character information indicators

8 Timer reservation program No./MUTE/N.B. indicators

9 Timer-related indicators

10 Equalizer operation indicators

11 Music calendar indicators

The indicators in this section show the number of tracks recorded on a CD. Each track number indicators turns off when the playback of the track has completed.

C-H5/H51/H5W/H6/H61/H6W/H7

CIRCUIT DESCRIPTION

1. INITIAL STATE

AMP SECTION

POWER ON/STANDBY : OFF
 # SELECTOR : TUNER
 • PROTECTION : OFF
 # MAIN VOLUME : 7
 # L/R BALANCE : CENTER
 • N.B. CIRCUIT : OFF
 # SRS 3D EFFECT LEVEL : 0
 # SRS S3 : OFF
 • SOURCE DIRECT : OFF
 • EXTRA BASS : ON
 • MUTE : OFF
 # INPUT LEVEL : -4dB(DISPLAY -2)
 • MD SYSTEM REC LEVEL : 0dB(NO DISPLAY)

TUNER SECTION

• BAND : FM
 # PRESENT BAND

• FREQUENCY(FM) : 87.5MHz
 • FREQUENCY(AM) : 531kHz
 # PRESENT FREQUENCY
 # AUTO/MONO : AUTO
 • P.CH : —ch
 • TIME : AM12:00
 # PROG. TIMER(1 AND 2) : WORKING MODE OFF
 : ON=AM12:00
 : OFF=AM12:00
 : MODE=PLAY
 : SOURCE TUNER 01CH
 # PROG.EXECUTION : OFF
 • SLEEP TIMER : OFF
 # O.T.T. : OFF(AM:7:00)

EQUALIZER SECTION

• EQUALIZER : OFF
 # MANUAL CURVE : FLAT
 # : backup item

1-1. Initializing

The system is initialized when the power is turning on while pressing the <ENTER> key.

2. DESTINATION LIST OF TUNER

| Destination | Band | Frequency Range | Channel space | IF | PLL Frequency | Diode SW | | | |
|---------------------|---|--------------------|---------------|----------|---------------|----------|------|------|------|
| | | | | | | DSW3 | DSW2 | DSW1 | DSW0 |
| J1 (90.0) | FM | 76.0MHz ~ 90.0MHz | 100kHz | -10.7MHz | 25kHz | 0 | 0 | 1 | 0 |
| | AM | 531kHz ~ 1602kHz | 9kHz | +450kHz | 9kHz | | | | |
| K2 (1610) | FM | 87.5MHz ~ 108.0MHz | 100kHz | +10.7MHz | 25kHz | 0 | 0 | 0 | 1 |
| | AM | 530kHz ~ 1610kHz | 10kHz | +450kHz | 10kHz | | | | |
| E1 | FM | 87.5MHz ~ 108.0MHz | 50kHz | +10.7MHz | 25kHz | 0 | 0 | 1 | 1 |
| | AM | 531kHz ~ 1602kHz | 9kHz | +450kHz | 9kHz | | | | |
| E3 (RDS) | FM | 87.5MHz ~ 108.0MHz | 50kHz | +10.7MHz | 25kHz | 0 | 1 | 0 | 1 |
| | AM | 531kHz ~ 1602kHz | 9kHz | +450kHz | 9kHz | | | | |
| E4 (LW) (RDS) | FM | 87.5MHz ~ 108.0MHz | 50kHz | +10.7MHz | 25kHz | 0 | 1 | 1 | 0 |
| | MW | 531kHz ~ 1602kHz | 9kHz | +450kHz | 9kHz | | | | |
| | LW | 153kHz ~ 279kHz | 9kHz | +450kHz | 9kHz | | | | |
| Q (RDS) | FML | 65.0MHz ~ 74.0MHz | 10kHz | +10.7MHz | 5kHz | 0 | 1 | 1 | 1 |
| | FMH | 87.5MHz ~ 108.0MHz | 50kHz | +10.7MHz | 5kHz | | | | |
| | MW | 531kHz ~ 1602kHz | 9kHz | +450kHz | 9kHz | | | | |
| | LW | 153kHz ~ 279kHz | 9kHz | +450kHz | 9kHz | | | | |
| M | K2/E1 change only setting "DSW1" (DSW1 = 0 : K2, 1 : E1) | | | | | 0 | 0 | X | 1 |

※ Diode SW(DSWx) :
 0 = no diode (static mode, LOW)
 1 = diode (static mode, HIGH)
 X = Transistor SW (0=OFF/1=ON)

C-H5/H51/H5W/H6/H61/H6W/H7

CIRCUIT DESCRIPTION

3. TUNER Preset channel initial data table

Refer to next page.

4. TEST MODE

4-1 Test mode using the unit key

4-1-1 Setting Test Mode

Turn on the power while pressing <TUNING DOWN> key.

4-1-2 Canceling Test Mode

By turning off the power, the system is initialized and the test mode is canceled.

4-2-1 Contents of Test Mode

1) Automatic Power On

- The power on state is entered whenever the power is turned on while pressing the <TUNING DOWN>key. All function are then initialized.
- Sub clock oscillation check function is performed before the test mode. If the check result is OK, the system enters the test mode. The system will stop to work if oscillation NG and period NG with displaying error code5 and 6.

2) Display All Lighting Mode

- In the test mode, all the letters in display are lighted.
- After that, the all lighting mode is canceled when any key is pressed. The normal display obtained. Selector chooses TUNER mode.

3) Special Function

- In the test mode, rec level and input level are set to max.
- In the test mode, remote control is available.

4) Special Function in Tuner Mode

- Mode key: P.CALL DOWN works
- EQ. EFFECT key: P.CALL UP works.

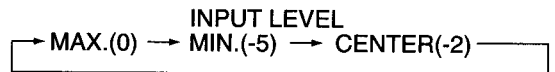
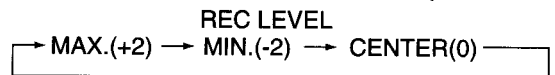
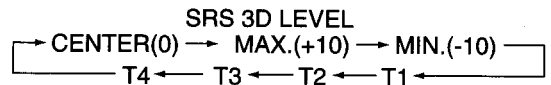
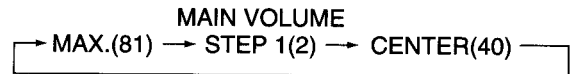
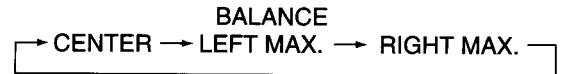
5) Special Function except TUNER Mode

- BAND key: Selects the source direct on/off cyclically every time this key is pressed.
- MODE key: Selects the main volume, balance, eq.manual, srs 3D level*, rec level and input level cyclically in the order below every time this key is press.



* SRS 3D off=skip SRS level

- TUNING UP/DOWN key: item selected by MODE key sets to the minimum or maximum an 1 step. However EQ. MANUAL not available.
- AUTO/MONO key: item selected by MODE key is change cyclically in order as follows every time this key is pressed.

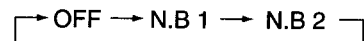


- SLEEP/CHRA key: Set rec level after CCRS. If the key is pressed again, normal function is works.
- EX.BASS key: Selects front or rear display cyclically in the order below every time this key is pressed.



Etc

- O.T.T. key : Selects the mute on/off cyclically every time this key is pressed.



- ENTER key: Mute on/off
- DISPLAY key: Selects the selector cyclically in the order as follows every time this key is pressed.



C-H5/H51/H5W/H6/H61/H6W/H7

CIRCUIT DESCRIPTION

TUNER Preset channel memory

| MR | Frequency | | | | | | | | | |
|----|-----------|----------|-----------|----------|-----------|----------|--------|----------|-----------|----------|
| | K1 (1700) | | K2 (1610) | | E (NO LW) | | E (LW) | | Q (NO LW) | |
| 1 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz |
| 2 | FM | 97.5MHz | FM | 97.5MHz | FM | 97.5MHz | FM | 97.5MHz | FM | 97.5MHz |
| 3 | FM | 108.0MHz | FM | 108.0MHz | FM | 108.0MHz | FM | 108.0MHz | FM | 108.0MHz |
| 4 | AM | 630kHz | AM | 630kHz | AM | 630kHz | AM | 630kHz | AM | 630kHz |
| 5 | AM | 1000kHz | AM | 1000kHz | AM | 999kHz | AM | 999kHz | AM | 999kHz |
| 6 | AM | 1440kHz | AM | 1440kHz | AM | 1440kHz | AM | 1440kHz | AM | 1440kHz |
| 7 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | LW | 162kHz | FML | 74.0MHz |
| 8 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | LW | 216kHz | FML | 65.0MHz |
| 9 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | LW | 270kHz | FML | 69.0MHz |
| 10 | FM | 89.1MHz | FM | 89.1MHz | FM | 89.1MHz | FM | 89.1MHz | FM | 89.1MHz |
| 11 | FM | 88.0MHz | FM | 88.0MHz | FM | 88.0MHz | FM | 88.0MHz | FM | 88.0MHz |
| 12 | FM | 90.0MHz | FM | 90.0MHz | FM | 90.0MHz | FM | 90.0MHz | FM | 90.0MHz |
| 13 | FM | 98.0MHz | FM | 98.0MHz | FM | 98.0MHz | FM | 98.0MHz | FM | 98.0MHz |
| 14 | FM | 98.5MHz | FM | 98.5MHz | FM | 98.5MHz | FM | 98.5MHz | FM | 98.5MHz |
| 15 | FM | 106.0MHz | FM | 106.0MHz | FM | 106.0MHz | FM | 106.0MHz | FM | 106.0MHz |
| 16 | AM | 530kHz | AM | 530kHz | AM | 531kHz | AM | 531kHz | AM | 531kHz |
| 17 | AM | 990kHz | AM | 990kHz | AM | 990kHz | AM | 990kHz | AM | 990kHz |
| 18 | AM | 1700kHz | AM | 1610kHz | AM | 1602kHz | AM | 1602kHz | AM | 1602kHz |
| 19 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | LW | 153kHz | FM | 87.5MHz |
| 20 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | LW | 279kHz | FM | 87.5MHz |
| 21 | FM | 96.3MHz | FM | 96.3MHz | FM | 96.3MHz | FM | 96.3MHz | FM | 96.3MHz |
| 22 | FM | 107MHz | FM | 107MHz | FM | 107MHz | FM | 107MHz | FM | 107MHz |
| 23 | AM | 900kHz | AM | 900kHz | AM | 900kHz | AM | 900kHz | AM | 900kHz |
| 24 | AM | 1350kHz | AM | 1350kHz | AM | 1350kHz | AM | 1350kHz | AM | 1350kHz |
| 25 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | LW | 225kHz | FM | 87.5MHz |
| 26 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz |
| 27 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz |
| 28 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz |
| 29 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz |
| 30 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz |
| 31 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |
| 40 | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz | FM | 87.5MHz |

C-H5/H51/H5W/H6/H61/H6W/H7

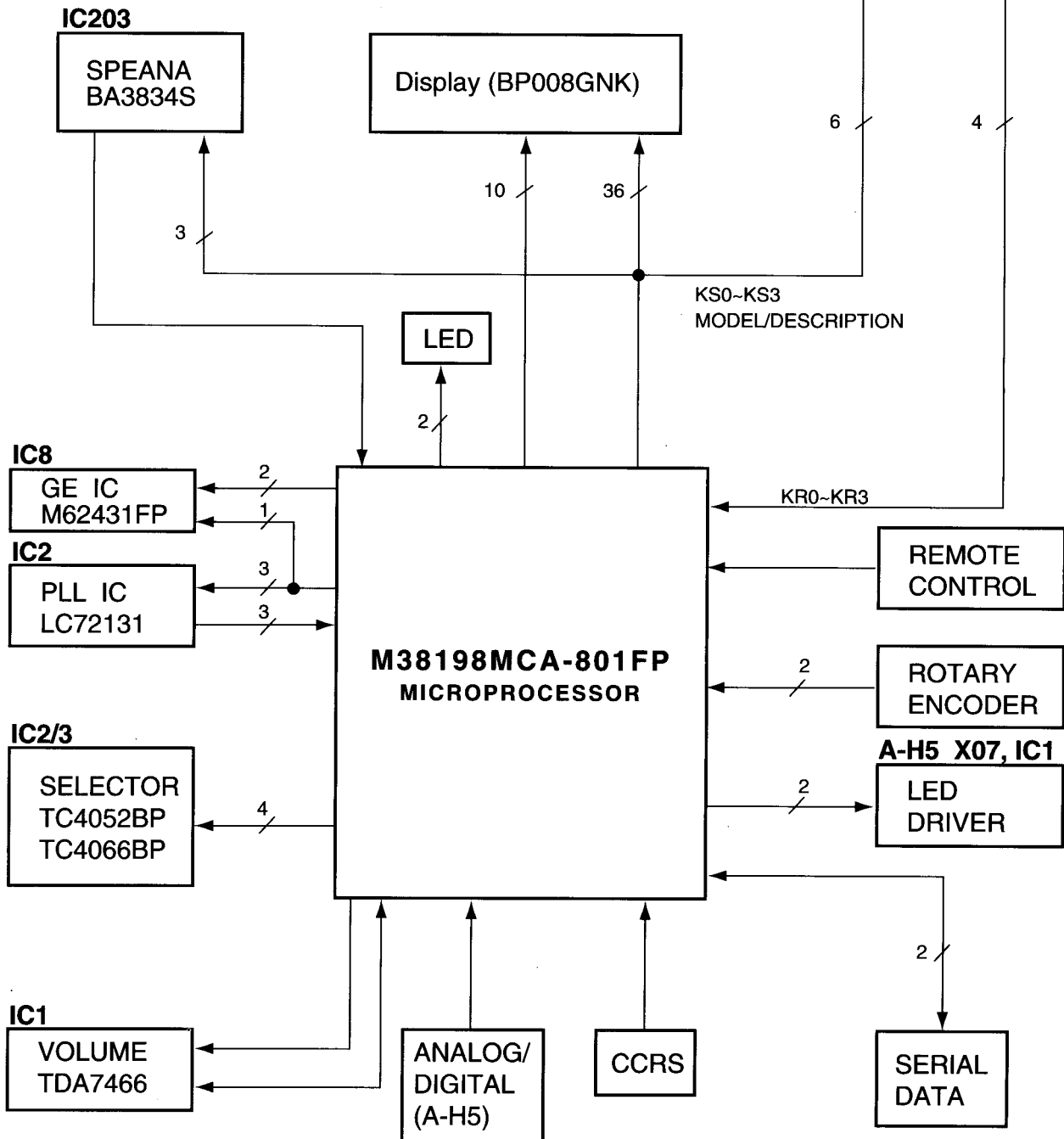
CIRCUIT DESCRIPTION

5. Microprocessor : M38198MCA-801FP

5-1. Microprocessor periphery block diagram

KEY MATRIX (PORT No.)

| | KS0(94) | KR1(93) | KR2(92) | KR3(90) |
|---------|--------------|-------------|------------|-------------|
| KR0(44) | EQ. EFFECT | TUNING DOWN | HIT MASTER | RDS DISPLAY |
| KR0(43) | TUNING UP | ENTER | O.T.T. | ———— |
| KR0(42) | DISPLAY/DEMO | AUTO/MONO | SLEEP | SRS 3D |
| KR0(41) | MODE | BAND | MUTE | EXTRA BASS |



C-H5/H51/H5W/H6/H61/H6W/H7

CIRCUIT DESCRIPTION

5-2. Pin description

| Pin No. | Pin Name | I/O | Description |
|---------|--------------|-----|---|
| 1 | EX.BASS LED | O | Led control for EXTRA BASS, H=ON |
| 2 | SRS 3D LED | O | Led control for SRS 3D, H=ON |
| 3 | SPEANA | I | Input port of spectrum analyzer data |
| 4 | GE ID CLK | O | Clock control of GE IC(C-H6/7 only) |
| 5 | GE ID St | O | Strobe control of GE IC(C-H6/7 only) |
| 6 | /PLL DO | I | Input port of IF count |
| 7 | /CE | O | Chip enable of PLL IC |
| 8 | CLK | O | Clock control of PLL IC |
| 9 | DT | O | Data control of PLL IC |
| 10 | /STEREO | O | Input port of tuner mode(stereo/mono) |
| 11 | /SD | O | Input port of tuner reception |
| 12 | S-LEVEL | I | Input port of RDS signal level (A/D input),(T,E,Q type only) |
| 12 | ECHO LEVEL | O | Level selector of echo IC, L:level-1,H:level-2(M,I,Y type only) |
| 13 | RDS-DATA | I | Input port of RDS data(E,T,Q type only) |
| 13 | ECHO /ON-OFF | O | On-off selector of echo IC, L:on, H:OFF(M,I,Y type only) |
| 14 | CCRS | I | Input port of CCRS level |
| 15 | SELF CHECK | I | Detection port of short test |
| 16 | AMP A/D | I | Key input port of amp section(A-H5) |
| 17~20 | SEL-1~4 | O | Control port of selector IC |
| 21 | /PILOT | O | Selector port of PILOT-POLA, L:PILOT(Q type only) |
| 22 | /MUTE | O | Control port of mute |
| 23 | /P.CON | O | Control port of power |
| 24 | E-CLK | O | Clock control port of LED driver IC |
| 25 | IC2-SDATA | I/O | Data control port of electronics volume IC |
| 26 | IC2-SCLK | O | Clock control port of electronics volume IC |
| 27 | SBUSY | I/O | Control port of serial busy signal |
| 28 | SDATA | I/O | Control port of serial data signal |
| 29 | CCW | I | Input port of rotary encoder counter clockwise signal |
| 30 | RDS-SLK | I | Clock input port of RDS IC(E,T,Q type) |
| 31 | E-DT | O | Data control of LED driver IC |
| 32 | REM | I | Input port of remote control |
| 33 | CW | I | Input port of rotary encoder clockwise signal |
| 34 | /CE | I | Chip enable |
| 35 | /RESET | I | Input port of reset signal |
| 36 | XCIN | I | Input port of clock generator for watch |
| 37 | XCOU | O | Output port of clock generator for watch |
| 38 | XIN | I | Input port of clock generator for main circuit |
| 39 | XOUT | O | Output port of clock generator for main circuit |
| 40 | Vss | - | GND |
| 41~44 | KR3~0 | I | Key return input port |
| 45~54 | DIGIT0~9 | O | Digit output |
| 55~60 | DIGIT10~15 | O | No use |
| 61~87 | SEGMENT0~26 | O | Segment output |
| 88 | SEGMENT27 | O | Tuner destination selector |
| 89 | SEGMENT 28 | O | Model selector |
| 90 | SEGMENT29 | O | Key scan output3 |
| 91 | Vcc | - | Power supply |
| 92~94 | SEGMENT30~32 | O | Key scan output2~0 |
| 95~97 | SEGMENT33~35 | O | Selector output port of spean IC |
| 98 | Vee | I | -30V power supply |
| 99 | Avss | I | Converter gnd of A/D and D/A |
| 100 | VREF | I | Standard voltage of A/D and D/A converter |

C-H5/H51/H5W/H6/H61/H6W/H7

ADJUSTMENT

FM SECTION INPUT SELECTOR : FM MODE

X05-4650

| NO. | ITEM | INPUT SETTINGS | OUTPUT SETTINGS | TUNER SETTINGS | ALIGNMENT POINTS | ALIGN FOR | FIG. |
|-----|------------------------|---|---|------------------|---------------------|------------------------|------|
| 1 | DISCRIMINATOR | (A) 98 MHz, 60dB μ (ANT INPUT) 1 kHz, ± 40 kHz DEV : E/T/Q TYPE 1 kHz, ± 75 kHz DEV (OTHER TYPE) | Connect a DC voltmeter between pin 1 and pin2 of CN2. | MONO 98.0 MHz | L31 | 0V | (a) |
| | | | | | L32 (EXCEPT K/P) | Minimum distortion. | |
| 2 | DISTORTION (STEREO) | (A) 98 MHz, 60dB μ (ANT INPUT) 1 kHz, ± 40 kHz DEV : E/T/Q TYPE 1 kHz, ± 67.5 kHz DEV PILOT ± 7.5 kHz DEV OTHER TYPE | (B) | AUTO 98.0 MHz | T 1 (A1) | Minimum distortion. | (a) |

X05-4660

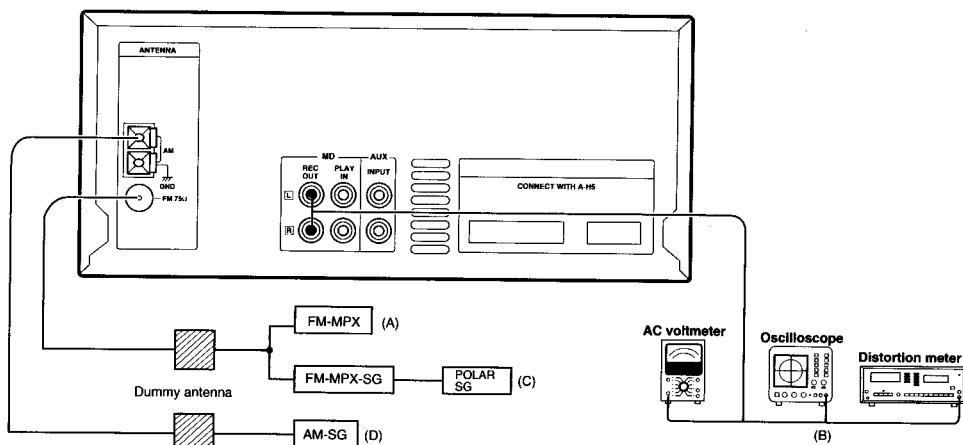
| NO. | ITEM | INPUT SETTINGS | OUTPUT SETTINGS | TUNER SETTINGS | ALIGNMENT POINTS | ALIGN FOR | FIG. |
|-----|------------------------|---|-----------------|------------------|------------------|------------------------|------|
| 1 | DISTORTION (STEREO) | (A) 98 MHz, 60dB μ (ANT INPUT) 1 kHz, ± 67.5 kHz DEV PILOT: ± 7.5 kHz DEV | (B) | AUTO 98.0 MHz | T1 (A1) | Minimum distortion. | |

POLAR UNIT

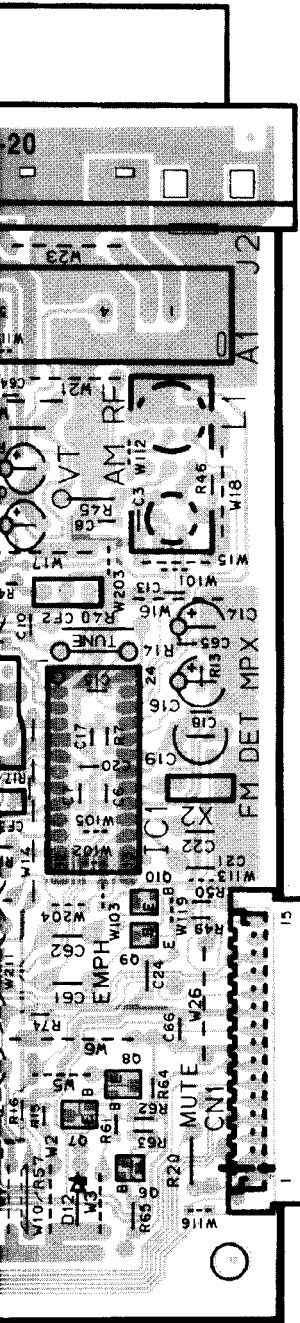
X04-1313-xx Q TYPE (65MHz~74MHz BAND)

| NO. | ITEM | INPUT SETTINGS | OUTPUT SETTINGS | TUNER SETTINGS | ALIGNMENT POINTS | ALIGN FOR | FIG. |
|-----|------------|--|---|----------------|------------------|---|------|
| 1 | VCO | (C) 69 MHz, 60 dB μ (ANT INPUT) 1 kHz, 0 kHz DEV SUB, 0 kHz DEV | Connect a frequency counter to VCO monitor (CN2). | AUTO 69 MHz | VR 2 | Adjust it the frequency counter reads 31.25 kHz ± 100 kHz. | |
| 2 | SEPARATION | (C) 69 MHz, 60 dB μ (ANT INPUT) 1 kHz, 40 kHz DEV SUB, 10 kHz DEV Select : L or R | Connect a oscilloscope to TUNER OUT(CN6). | AUTO 69 MHz | TC 1 | Minimum crosstalk. | |
| 3 | SEPARATION | (C) SAME AS ABOVE | Connect a oscilloscope to TUNER OUT(CN6). | AUTO 69 MHz | VR 1 | Minimum crosstalk. | |

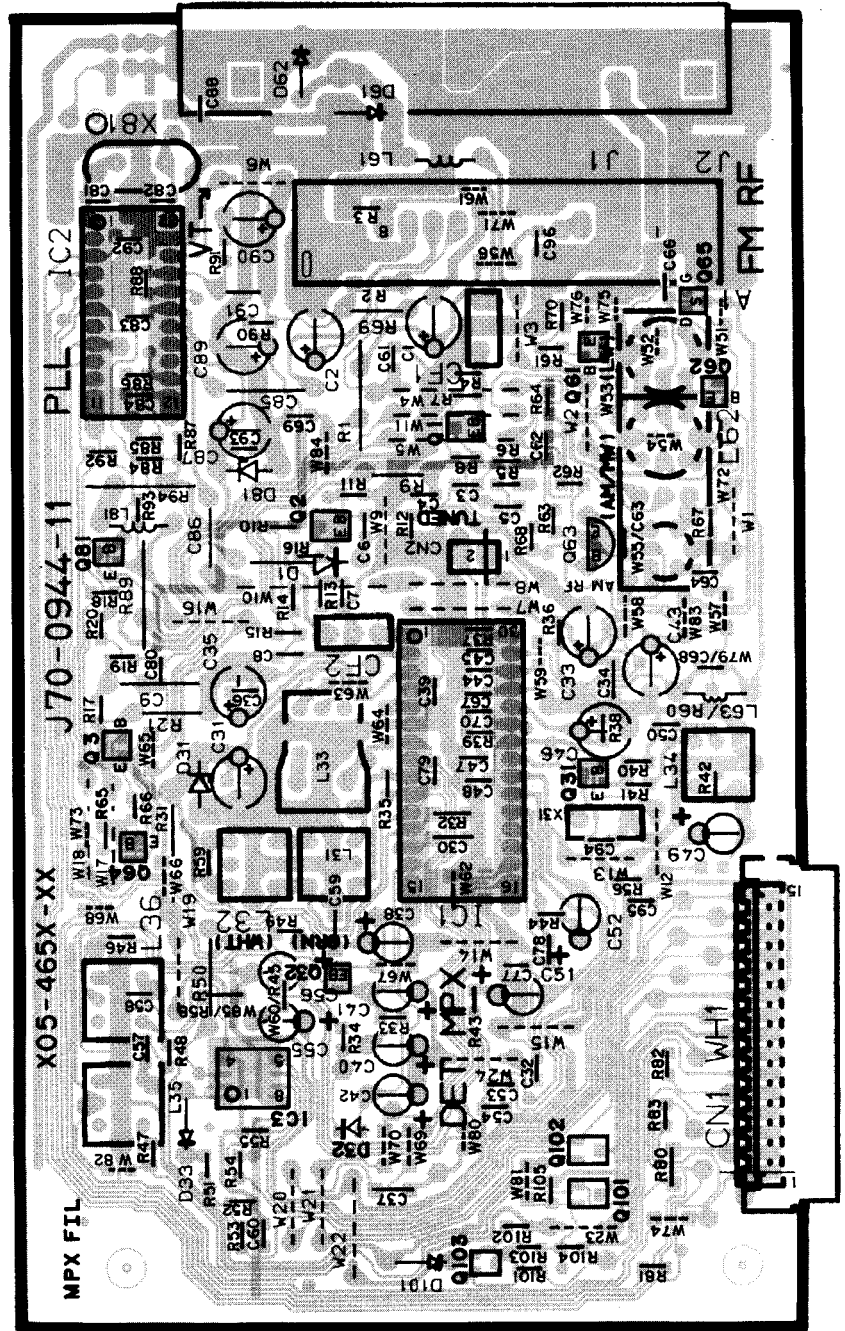
INSTRUMENT CONNECTION



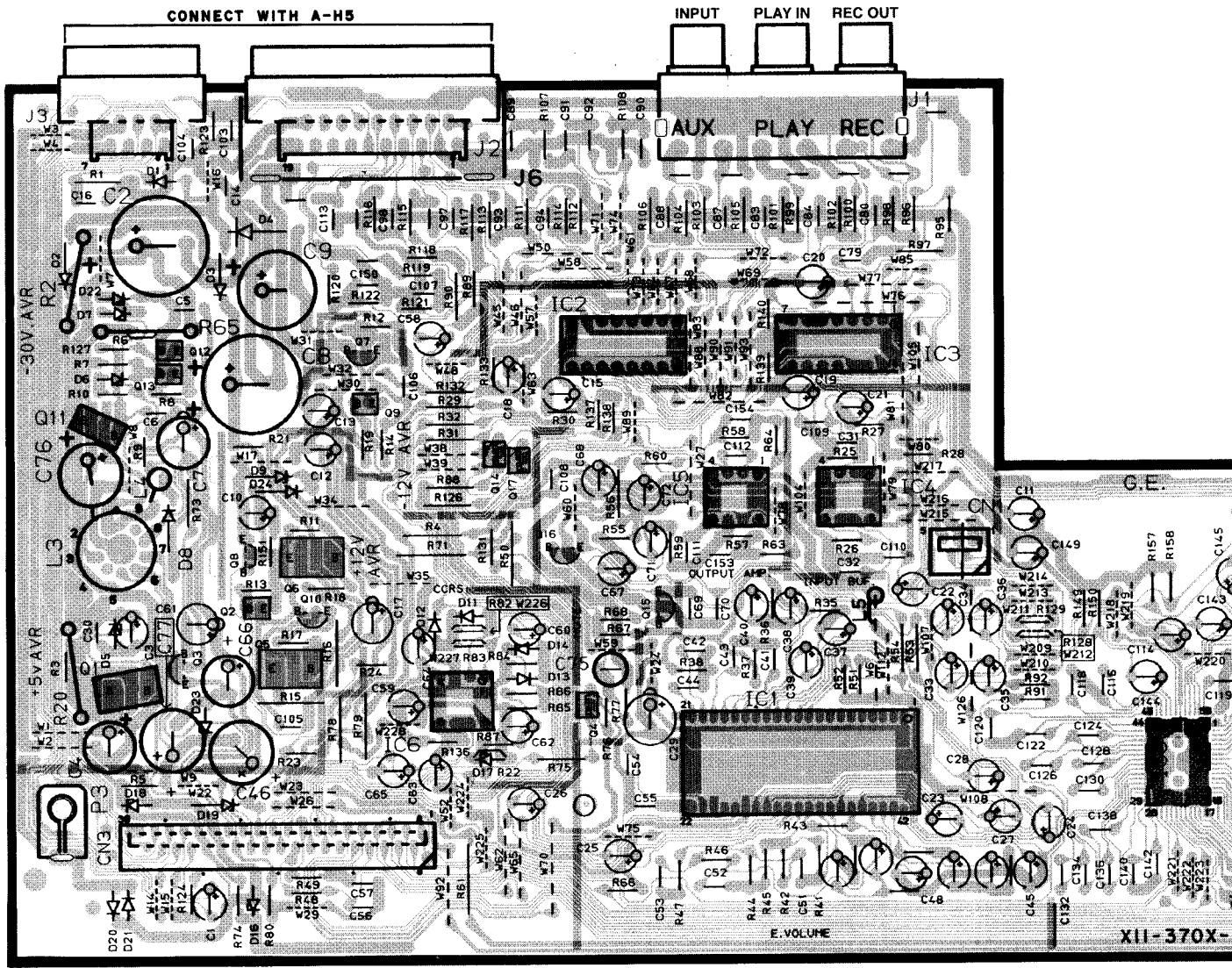
ANTENNA

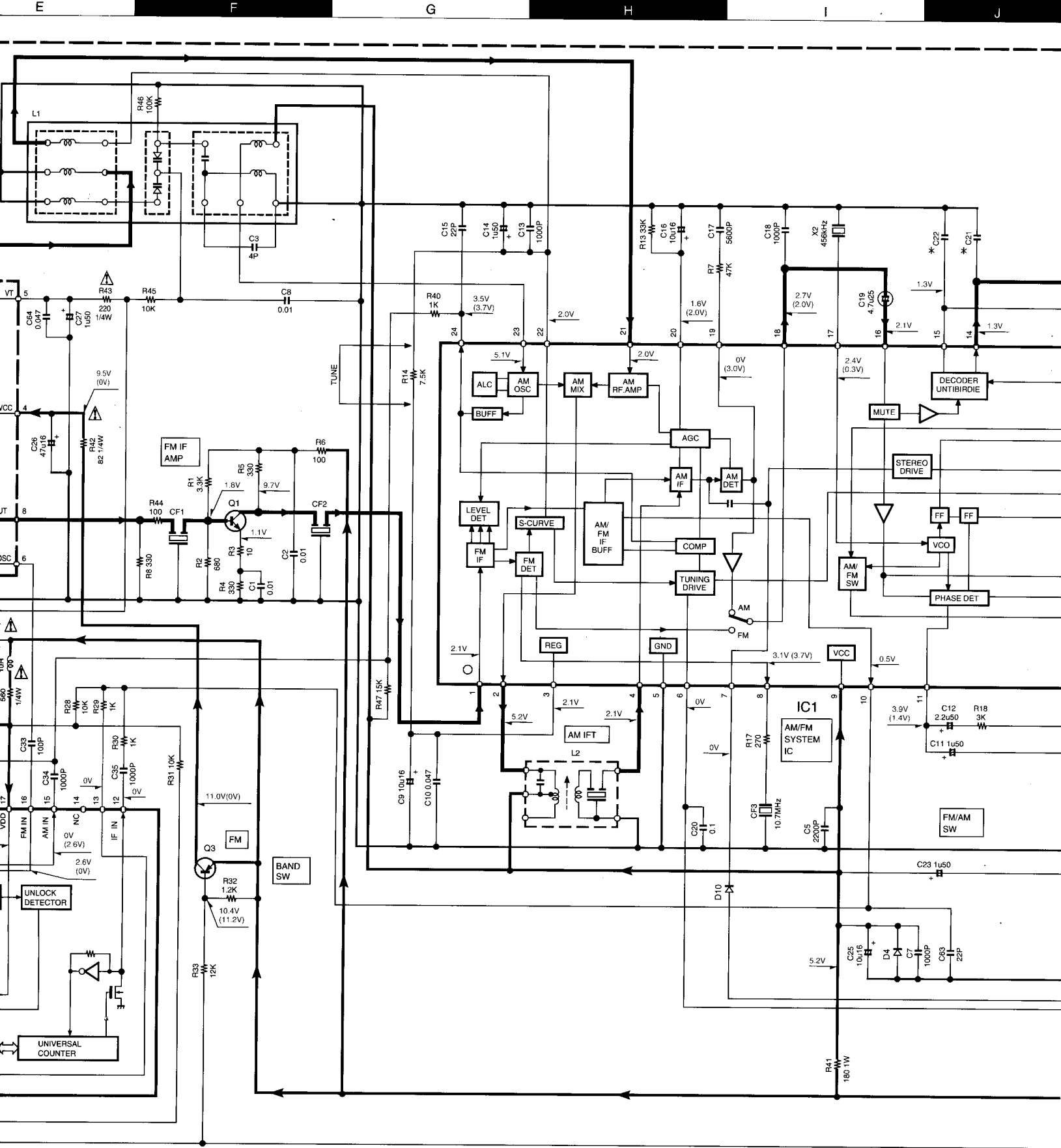


ANTENNA



RD(Component side view)

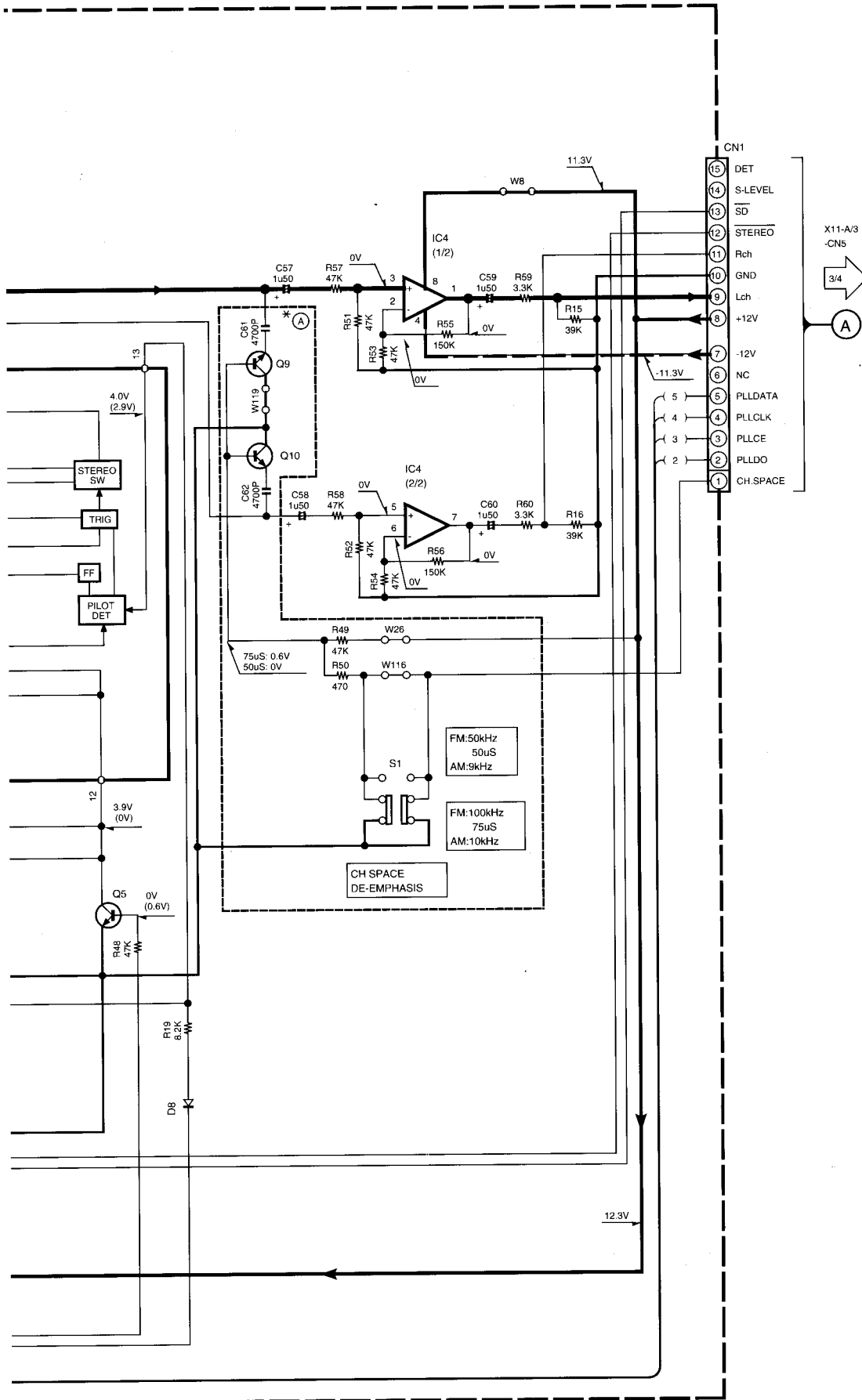




CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

C-H7 (X05-466X-XX)

| DESTINATION COUNTRY | ABB. | UNIT No. | (A) | C21. | W115 |
|---------------------|------|----------|-----|-------|------|
| U.S.A. | K | 0-12 | NO | 0.016 | NO |
| GENERAL MARKET | M | 0-21 | YES | 0.011 | YES |



C-H61/H51 (X05-466X-XX)

C-H7/H61/H51(M) (1/4)

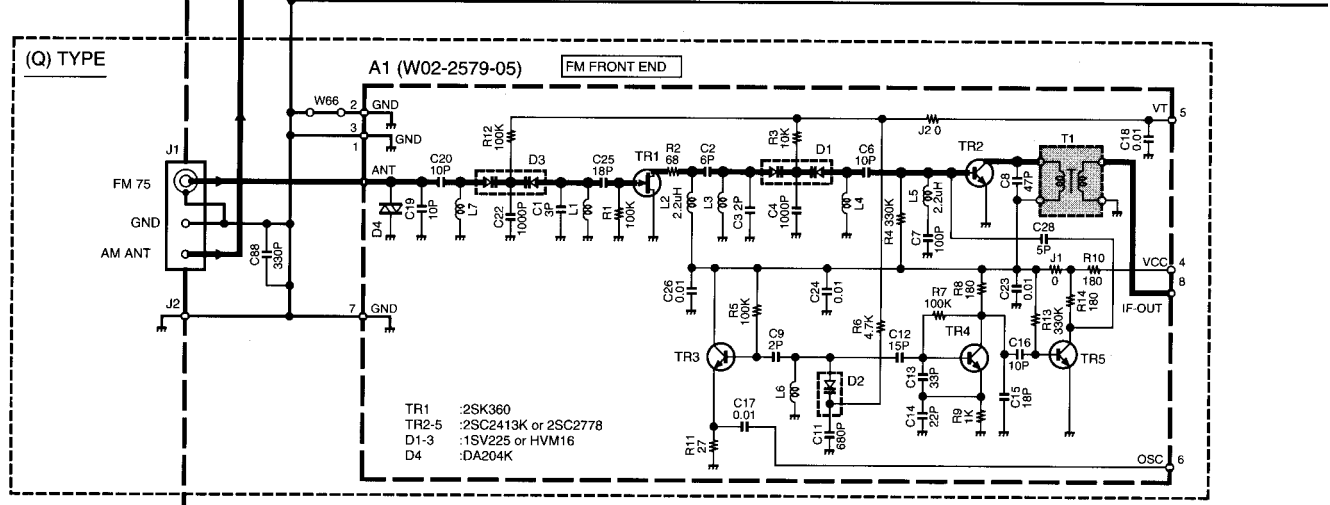
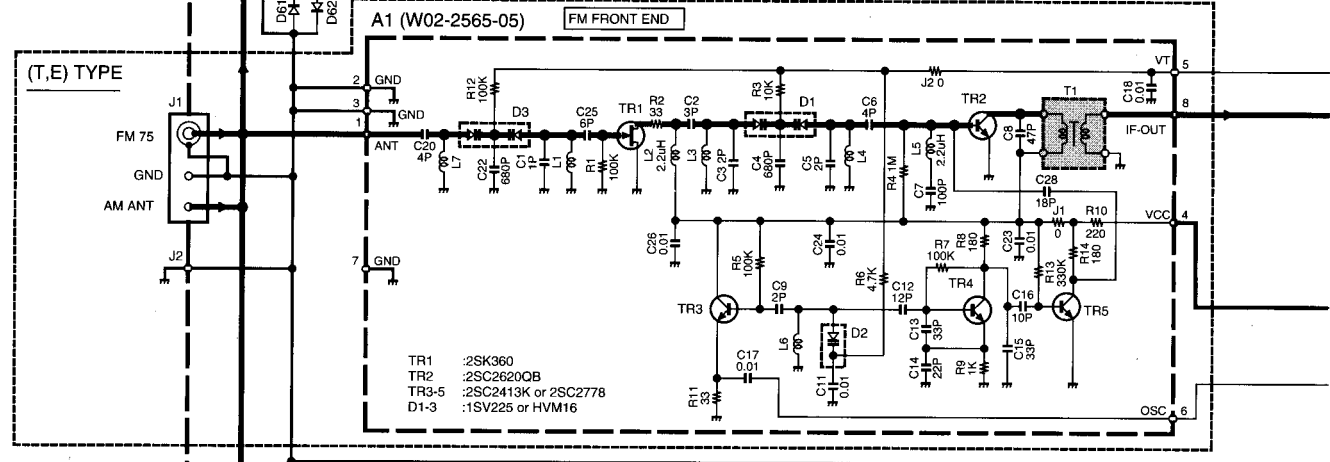
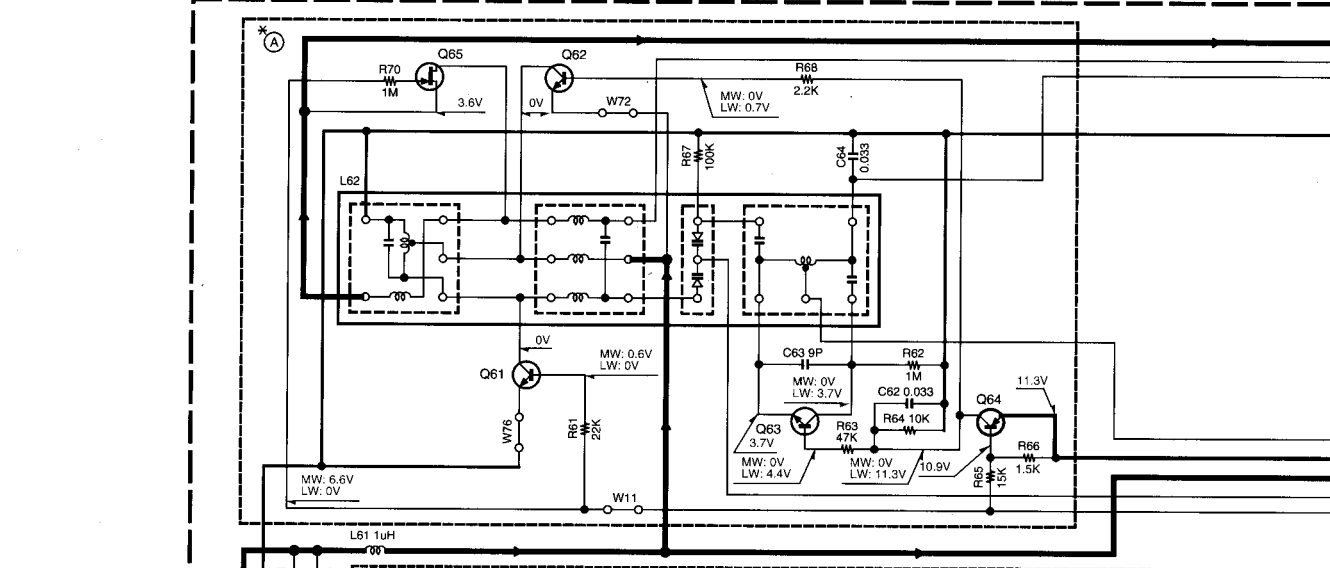
| DESTINATION | | UNIT No. | Ⓐ | C21, 22 | W115 |
|----------------|-----|----------|-----|---------|------|
| COUNTRY | ABB | | | | |
| PX | Y | 0-21 | YES | 0.011 | YES |
| GENERAL MARKET | M | | | | |
| MALAYSIA | I | | | | |

C-H5/H51/H5W/H6/H61/H6W/H7

Y08-5602-70

KENWOOD

(X05-465X-XX) : T,E,Q TYPE

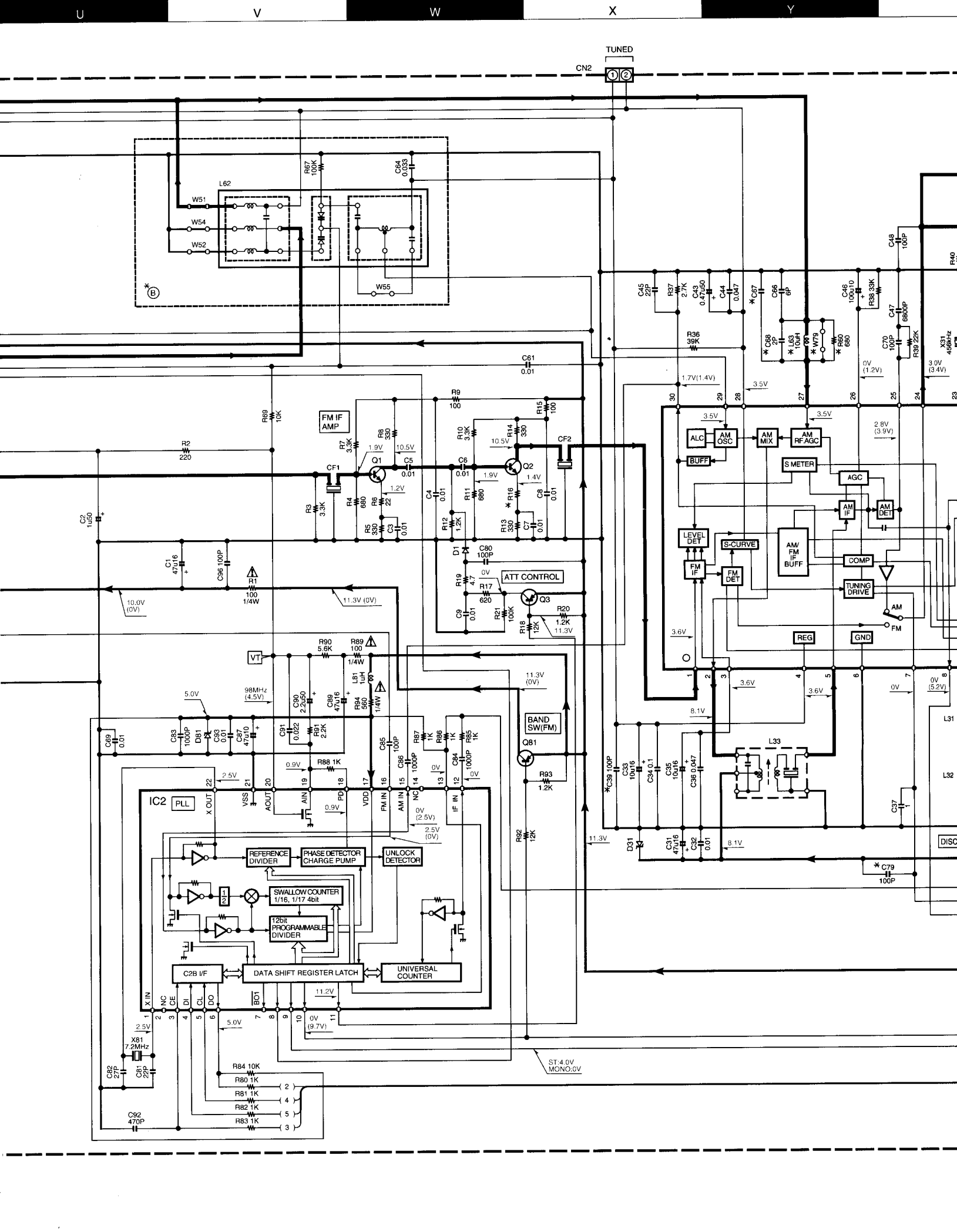


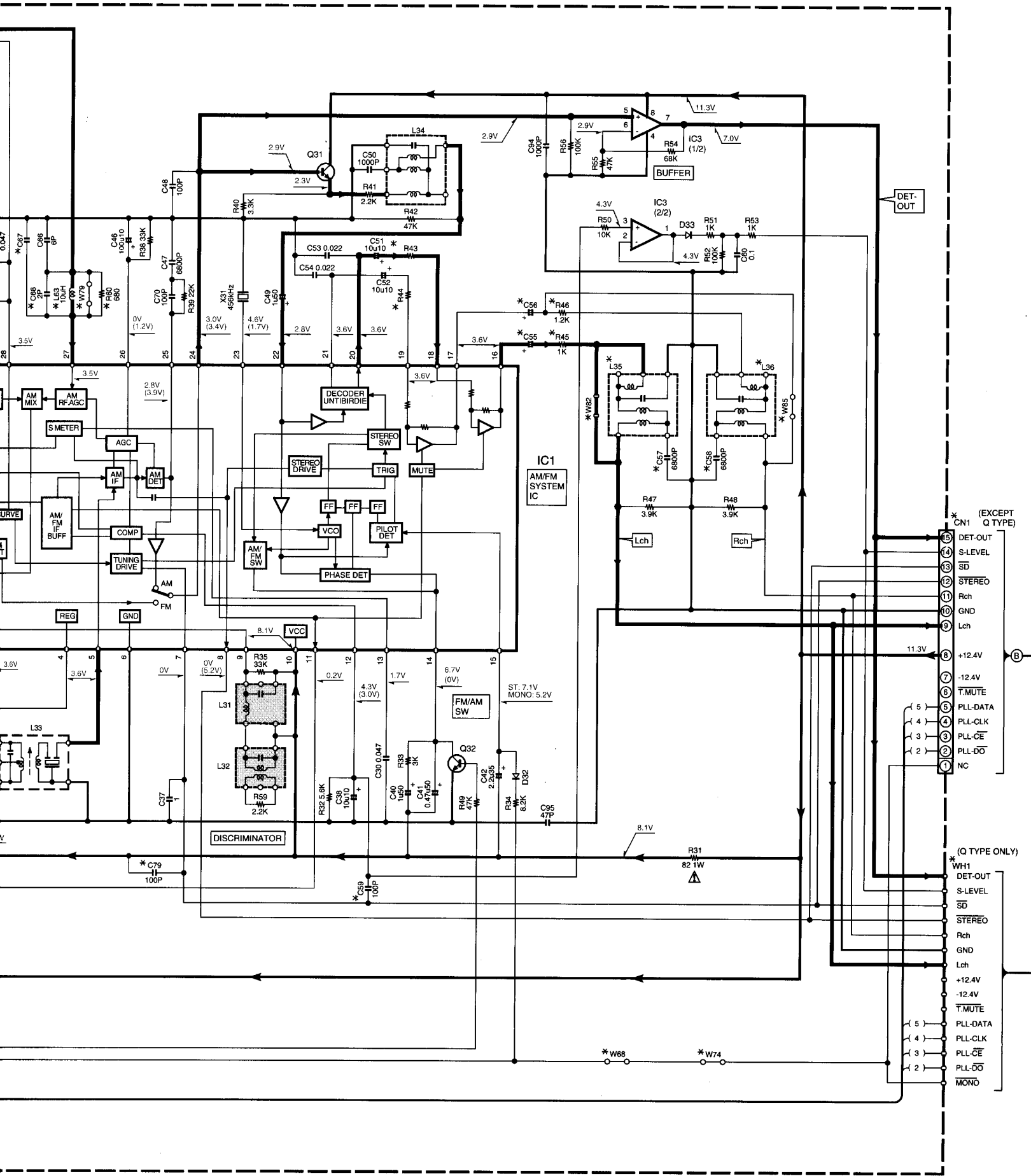
- IC1 : LA1836
- IC2 : LC72131
- IC3 : NJM2904M
- Q1,2 : 2SC2714(R,O)
- Q3,81,64 : 2SA1576A(R,S) or 2SB1218A(Q,R)
- Q31,32,61,62 : 2SC4081(R,S) or 2SD1819A(Q,R)
- Q63 : 2SC2878(B)
- Q65 : 2SK302(Y,GR)
- D1,33,61,62 : 1SS133 or HSS104
- D31 : MTZJ8.2(B) or UZ-8.2BBS
- D32 : MA1111
- D81 : MTZJ5.1(B) or UZ-5.1BBS

VT VOLTAGE

| BAND | FREQ | VT |
|------|------|-------------|
| FM | LF | 2.3V (0.8V) |
| | HF | 7.7V |
| AM | LF | 1.2V |
| (MW) | HF | 4.6V |

() Q TYPE

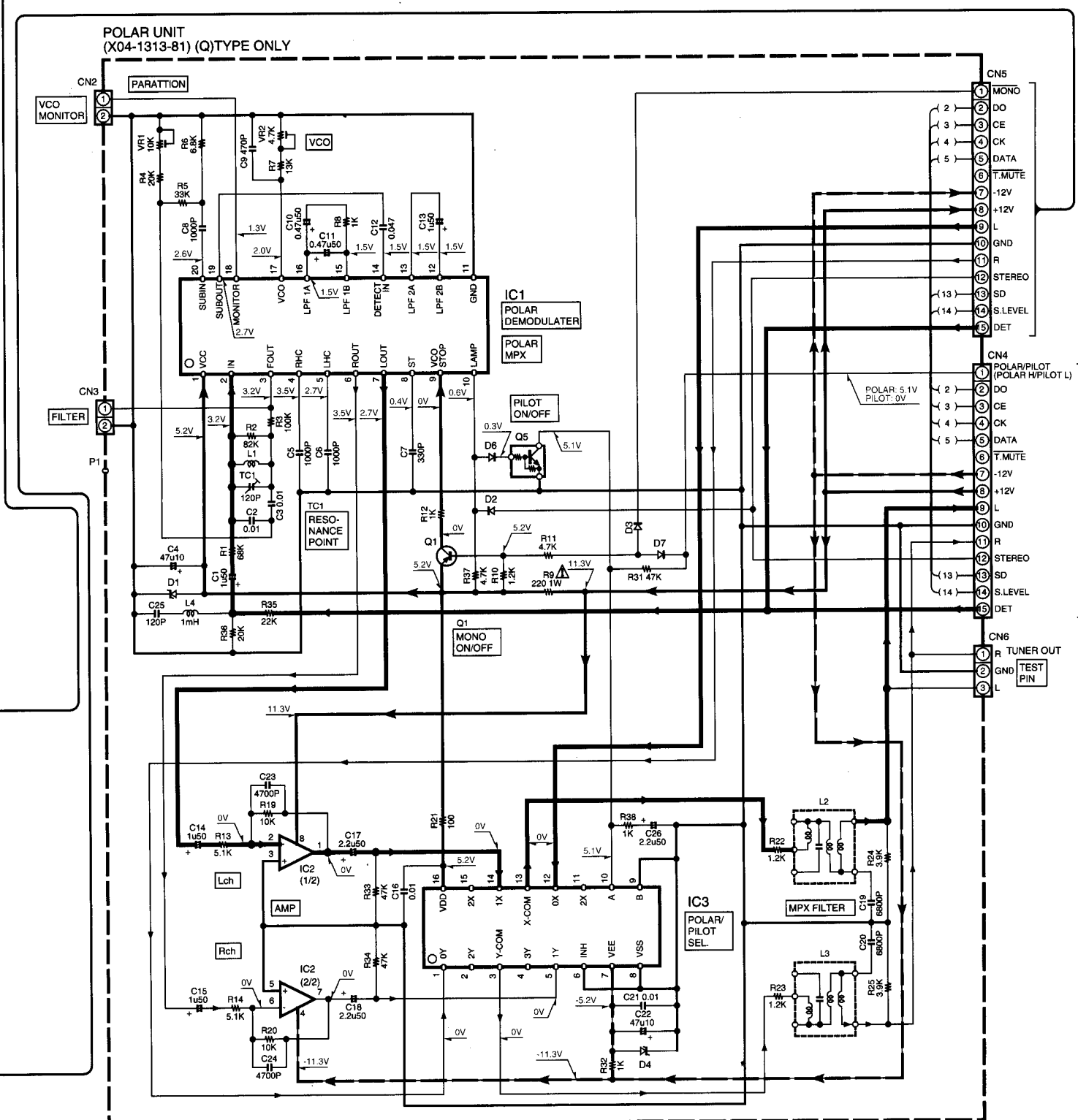




- (EXCEPT Q TYPE)
- 15 DET-OUT
 - 14 S-LEVEL
 - 13 SD
 - 12 STEREO
 - 11 Rch
 - 10 GND
 - 9 Lch
 - 8 +12.4V
 - 7 -12.4V
 - 6 T.MUTE
 - 5 PLL-DATA
 - 4 PLL-CLK
 - 3 PLL-CE
 - 2 PLL-DO
 - 1 NC

- (Q TYPE ONLY)
- 19 WH1
 - 18 DET-OUT
 - 17 S-LEVEL
 - 16 SD
 - 15 STEREO
 - 14 Rch
 - 13 GND
 - 12 Lch
 - 11 +12.4V
 - 10 -12.4V
 - 9 T.MUTE
 - 8 PLL-DATA
 - 7 PLL-CLK
 - 6 PLL-CE
 - 5 PLL-DO
 - 4 MONO

**POLAR UNIT
(X04-1313-81) (Q)TYPE ONLY**



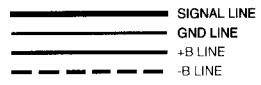
- (X04-)
 IC1 : IR3R42
 IC2 : NJM4565D
 IC3 : TC4052BP
- Q1 : 2SA933AS(Q,R) or 2SA1175(F,E)
 Q5 : DTC124ESA or UN4212
- D1,4 : MTZJ5.1(B) or UZ-5.1BSB
 D2,3,6,7 : 1SS133 or HSS104
 D5 : MTZJ3.3(B) or UZ-3.3BSB

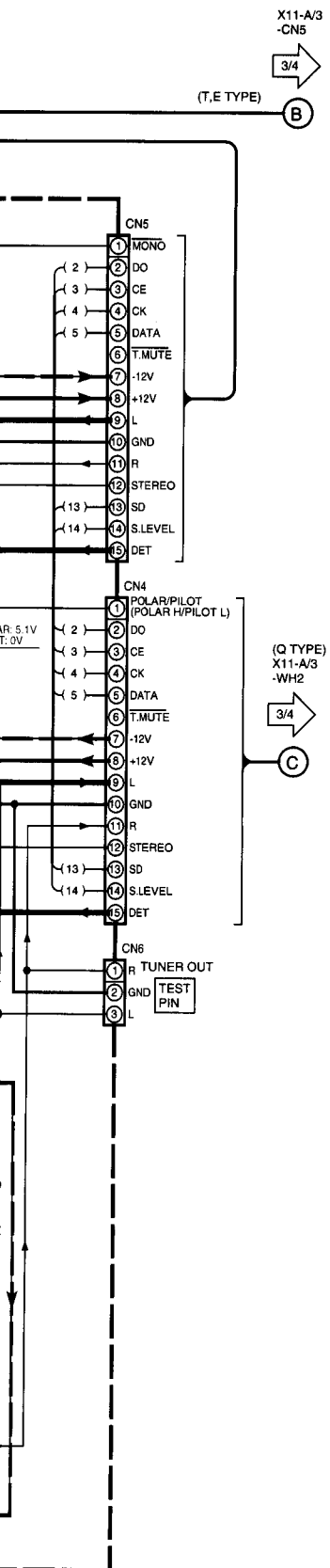
C-H7/H6/H5 (X05-465X-XX)

| DESTINATION | COUNTRY | UNIT No. | (A) | (B) | C39 | C55 | C57 | C67 | C68 | C79 | R16 | R43 | R45 | R60 | W68,74 | W79,82,85 | CN1 | WH1 | L35 | L63 | J2 |
|-------------|---------|----------|-----|-----|-----|--------|-----|-----|-----|-----|-----|------|-----|-----|--------|-----------|-----|-----|-----|-----|----------|
| U.K. | T | 0-82 | YES | NO | NO | 2.2u35 | YES | 33P | NO | NO | 33 | 3.3K | YES | YES | NO | NO | YES | NO | NO | NO | F10-1053 |
| EUROPE | E | 2-71 | NO | YES | NO | 2.2u35 | NO | 22P | YES | NO | 33 | 3.3K | NO | NO | NO | NO | NO | NO | NO | NO | F10-1053 |

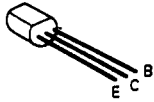
C-H6/W/H5W (X05-465X-XX)

| DESTINATION | COUNTRY | UNIT No. | (A) | (B) | C39 | C55 | C57 | C67 | C68 | C79 | R16 | R43 | R45 | R46 | W68,74 | W79,82,85 | CN1 | WH1 | L35 | L63 | J2 | |
|-------------|---------|----------|-----|-----|-----|--------|-----|-----|-----|-----|-----|------|-----|-----|--------|-----------|-----|-----|-----|-----|----|----------|
| RUSSIA | Q | 3-82 | YES | NO | YES | 3.3u25 | NO | 22P | NO | YES | 47 | 2.4K | W60 | NO | YES | NO | NO | YES | NO | NO | NO | F10-1068 |

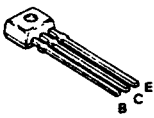




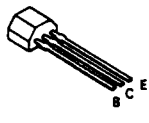
2SA1534A2
SA954
2SC1845
2SC2878
2SC3940A



2SA11752
SC2785



DTC124ESA2
SC1740S



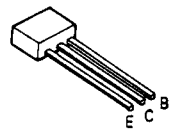
2SB1218A
2SC2714
2SC4081
2SD1819A



2SD2061



UN4212
UN4219



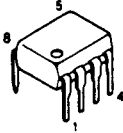
2SD2012



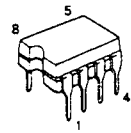
2SB1168



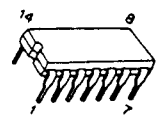
NJM4565D



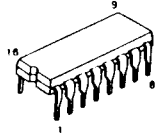
BA15218-DX



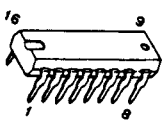
BU4066BCTC
4066BP



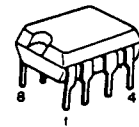
TC4052BP



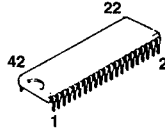
SAA6579



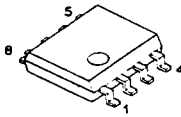
NJM4580D-D



TDA7466



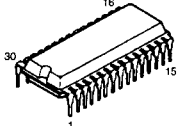
NJM2904M
NJM4565M



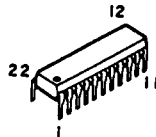
2SK302



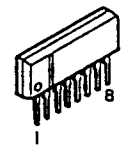
LA1836



LC72131



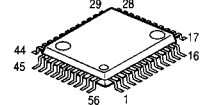
NJM4565L-D



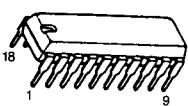
LA1832



M62431FP



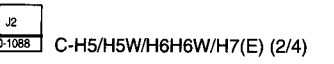
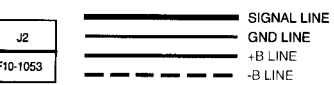
BA3834S
BU9253AS



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in () is actual reading measured in the AM mode.

| MODE | CARRIER | MODULATION | | ANT INPUT |
|------|--------------|------------|------------------------------|-----------|
| | | FREQUENCY | DEVIATION | |
| FM | 98MHz | 1kHz | STEREO 67.5kHz 7.5kHz(Pilot) | 60dB |
| AM | 1000(999)kHz | 400Hz | MONO 30% MOD | 60dB |



C-H5/H51/H5W/H6/H61/H6W/H7

Y08-5602-70

KENWOOD

(M,Y,K) TYPE X05-CN1

1/4

(A)

(T,E) TYPE X05-CN1

2/4

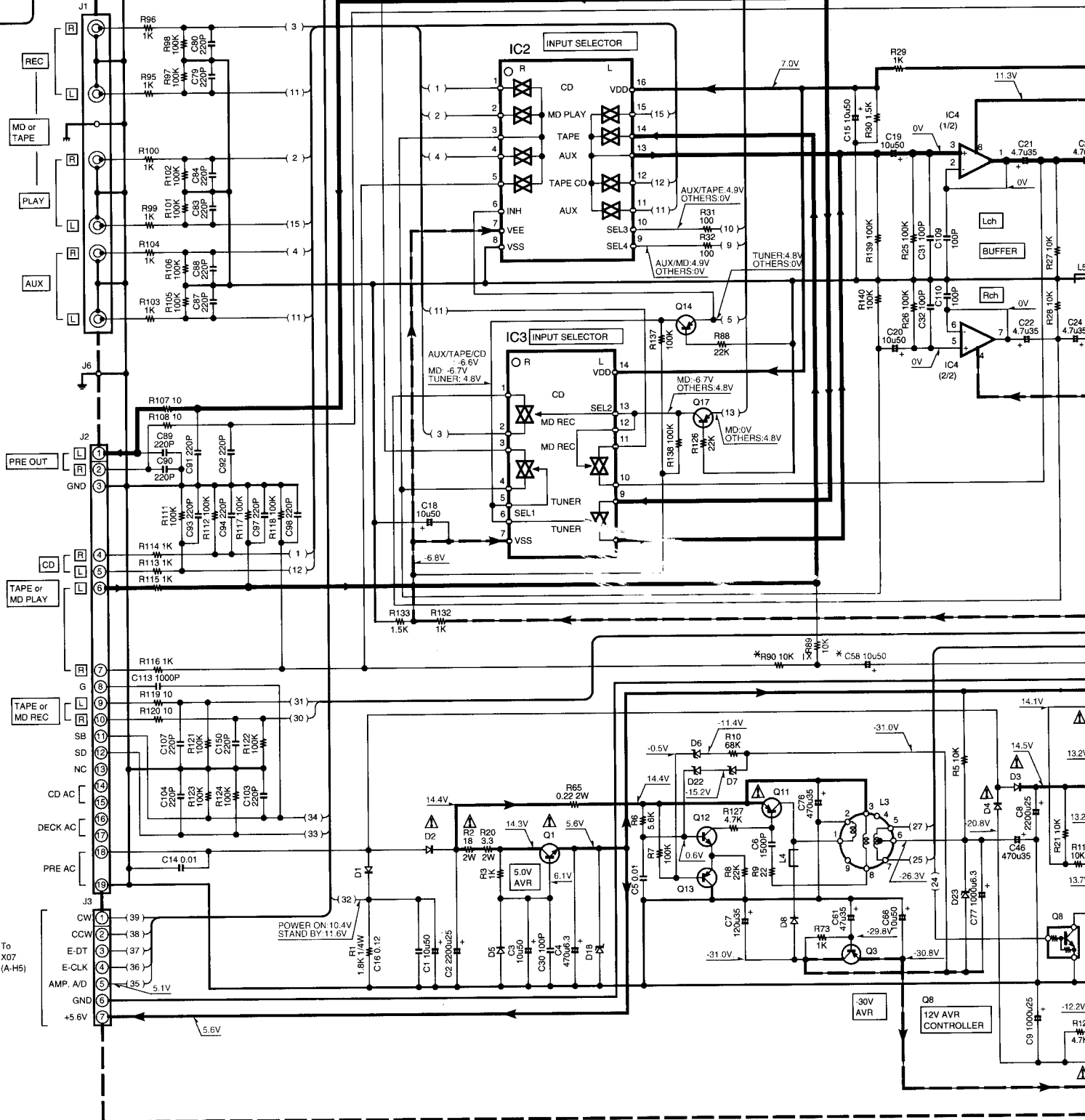
(B)

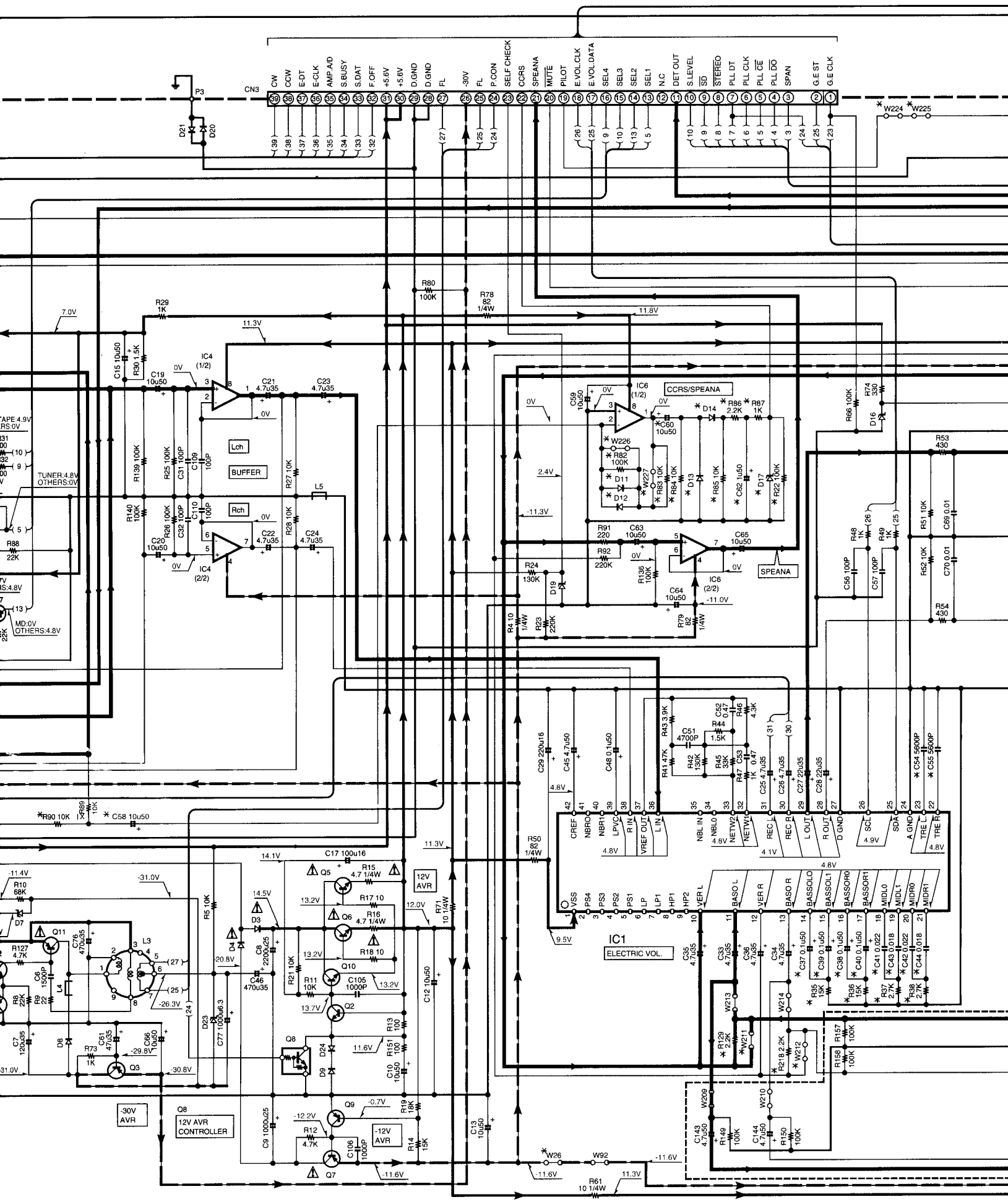
(Q) TYPE X04-CN4

2/4

(C)

(X11-370X-XX) (A/3)





TAPE 4.9V
RS:0V
TUNER 4.8V
OTHERS:0V
MD:0V
OTHERS:4.8V

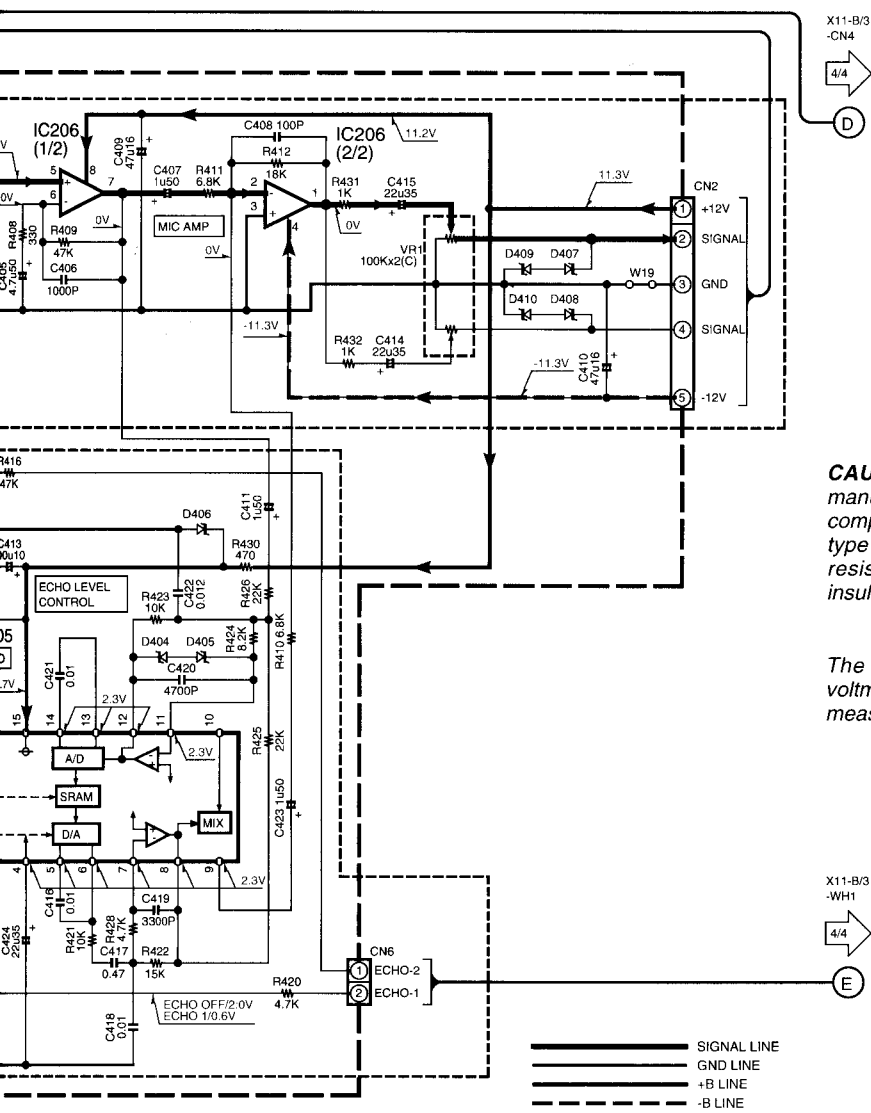
11.4V
-31.0V
-26.3V
31.0V
-30.6V
-29.6V

-30V AVR
12V AVR CONTROLLER
12V AVR

IC4 (1/2)
Lch
BUFFER
Rch
IC4 (2/2)
CCRS/SPEANA
SPEANA

IC1 ELECTRIC VOL.
C99 220u16
C59 10u50
C60 10u50
C61 10u50
C62 10u50
C63 10u50
C64 10u50
C65 10u50
C66 10u50
C67 22u35
C68 22u35
C69 22u35
C70 0.01
C71 0.01
C72 0.01
C73 0.01
C74 0.01
C75 0.01
C76 0.01
C77 0.01
C78 0.01
C79 0.01
C80 0.01
C81 0.01
C82 0.01
C83 0.01
C84 0.01
C85 0.01
C86 0.01
C87 0.01
C88 0.01
C89 0.01
C90 0.01
C91 0.01
C92 0.01
C93 0.01
C94 0.01
C95 0.01
C96 0.01
C97 0.01
C98 0.01
C99 0.01
C100 0.01

0V
+5.6V
-30V
FL
P.CON
SELF CHECK
CCRS
SPEANA
MUTE
PILOT
E.VOL.CLK
E.VOL.DATA
SEL4
SEL3
SEL2
SEL1
N.C
DET OUT
S.LEVEL
STEREO
SD
PLL DT
PLL CLK
PLL CE
PLL DO
SPAN
G.E.ST
G.E.CLK



X11-B/3
-CN4
4/4
D

X11-B/3
-WH1
4/4
E

===== SIGNAL LINE
----- GND LINE
..... +B LINE
-.-.-.- -B LINE

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

CH-7 (X11-370X-XX)

| DESTINATION | COUNTRY | ABB | UNIT NO. | (A) | (C) | (D) | W26,116,213,214,224,225 | W211,212,215-217 | WH2 | CN5 | R22 | R35-38,62,82-87,89,90 | R128,129 | C1 | C37-44,54,55,58,60,62,74 | D11-14,17 |
|----------------|---------|-----|----------|-----|-----|-----|-------------------------|------------------|-----|-----|-----|-----------------------|----------|--------|--------------------------|-----------|
| EUROPE | E | | 2-71 | | NO | NO | NO | YES | | | | | NO | 4.7u35 | NO | NO |
| U.K. | T | | 0-51 | | | | | | | | | | | | | |
| GENERAL MARKET | M | | 0-21 | YES | | | | NO | | | | | YES | | | |
| U.S.A. | K | | | | YES | | | | | | | | | | | |

C-H6 (X11-370X-XX)

| DESTINATION | COUNTRY | ABB | UNIT NO. | (A) | (C) | (D) | W26,116,213,214,224,225 | W211,212,215-217 | WH2 | CN5 | R22,35-38,62,128,129 | R82-87,89,90 | C1 | C37-44,54,55,74 | C58,60,62,74 | D11-14,17 |
|-------------|---------|-----|----------|-----|-----|-----|-------------------------|------------------|-----|-----|----------------------|--------------|-------|-----------------|--------------|-----------|
| EUROPE | E | | 2-72 | YES | NO | NO | NO | YES | | | | | 10u50 | NO | YES | YES |
| U.K. | T | | 0-52 | | | | | | | | | | | | | |

C-H6W (X11-370X-XX)

| DESTINATION | COUNTRY | ABB | UNIT NO. | (A) | (C) | (D) | W26,116,211,212,214,224,225 | W213,214,215-217 | WH2 | CN5 | R22,35-38,128,129 | R62,82-87,89,90 | C1 | C37-44,54,55 | C58,60,62,74 | D11-14,17 |
|-------------|---------|-----|----------|-----|-----|-----|-----------------------------|------------------|-----|-----|-------------------|-----------------|-------|--------------|--------------|-----------|
| RUSSIA | O | | 3-81 | YES | NO | NO | YES | NO | YES | NO | NO | YES | 10u50 | NO | YES | YES |

C-H81 (X11-370X-XX)

| DESTINATION | COUNTRY | ABB | UNIT NO. | (A) | (C) | (D) | W26,116,211,214,224,227 | W215-217 | WH2 | CN5 | R22,35-38,62 | R82-87,89,90,128,129 | C1 | C37-44,54,55,74 | C58,60,62 | D11-14,17 |
|----------------|---------|-----|----------|-----|-----|-----|-------------------------|----------|-----|-----|--------------|----------------------|-------|-----------------|-----------|-----------|
| PX | Y | | | | | | | | | | | | | | | |
| GENERAL MARKET | M | | 0-22 | YES | | NO | YES | NO | YES | NO | YES | YES | 10u50 | NO | YES | YES |
| MALAYSIA | I | | | | | | | | | | | | | | | |

C-H5 (X11-370X-XX)

| DESTINATION | COUNTRY | ABB | UNIT NO. | (A) | (C) | (D) | W26,116,215-217,224,227 | W211-214 | WH2 | CN5 | R22,62,128,129 | R35-38,82-87,89,90 | C1 | C37-44,54,55,58,60,62 | C74 | D11-14,17 |
|-------------|---------|-----|----------|-----|-----|-----|-------------------------|----------|-----|-----|----------------|--------------------|--------|-----------------------|-----|-----------|
| EUROPE | E | | 2-73 | | NO | NO | NO | YES | NO | YES | NO | YES | 4.7u35 | YES | NO | YES |
| U.K. | T | | 0-53 | | | | | | | | | | | | | |

C-H5W (X11-370X-XX)

| DESTINATION | COUNTRY | ABB | UNIT NO. | (A) | (C) | (D) | W26,116,211,214,224,225 | W215-217,226,227 | WH2 | CN5 | R22,128,129 | R35-38,62,82-87,89,90 | C1 | C37-44,54,55,58,60,62,74 | D11-14,17 |
|-------------|---------|-----|----------|-----|-----|-----|-------------------------|------------------|-----|-----|-------------|-----------------------|--------|--------------------------|-----------|
| RUSSIA | O | | 3-82 | NO | NO | NO | YES | NO | YES | NO | NO | YES | 4.7u35 | YES | YES |

C-H51 (X11-370X-XX)

| DESTINATION | COUNTRY | ABB | UNIT NO. | (A) | (C) | (D) | W26,116,211,212,224,227 | W213-217 | WH2 | CN5 | R22,62 | R35-38,82-87,89,90,128,129 | C1 | C37-44,54,55,58,60,62 | C74 | D11-14,17 |
|----------------|---------|-----|----------|-----|-----|-----|-------------------------|----------|-----|-----|--------|----------------------------|--------|-----------------------|-----|-----------|
| GENERAL MARKET | M | | 0-23 | NO | YES | NO | NO | YES | NO | YES | NO | YES | 4.7u35 | YES | NO | YES |
| MALAYSIA | I | | | | | | | | | | | | | | | |

C-H5/H5W/H51/H6/H6W/H61/H7(M) (3/4)

C-H5/H51/H5W/H6/H61/H6W/H7

Y08-5602-70

KENWOOD

C-H7 (11-370X-XX)

| DESTINATION | COUNTRY | ABB | UNIT No. | Ⓢ | WH | W201-206 | R221-222 | R241-243, 326-328 | Q5-7, 205-207 | Q204 | Q209 | D225, 226, 227 | D226, 227, 228 | D229 | D230 | D231 | ED1 | ED2 | S11 | S12 | S14 |
|-----------------------|---------|-----|----------|-----|----|----------|----------|-------------------|---------------|------|------|----------------|----------------|------|------|------|-----|-----|------------|-----------|-----------|
| EUROPE | E | T | 2-71 | YES | NO | NO | NO | YES | YES | NO | NO | NO | YES | YES | NO | YES | NO | NO | TA/IN/NEWS | RDS DISP. | PTY |
| U.K. | T | T | 0-51 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | MUTE | SLEEP | HITMASTER |
| GENERAL MARKET U.S.A. | M | K | 0-21 | NO | NO | NO | YES | YES | YES | YES | YES | YES | YES | NO | NO | YES | NO | NO | | | |

C-H6 (11-370X-XX)

| DESTINATION | COUNTRY | ABB | UNIT No. | Ⓢ | WH | W201-206 | R221-222 | R241-243, 326-328 | Q5-7, 205-207 | Q204 | Q209 | D225, 226, 228 | D227, 229 | D230 | D231 | ED1 | ED2 | S11 | S12 | S14 |
|-------------|---------|-----|----------|-----|----|----------|----------|-------------------|---------------|------|------|----------------|-----------|------|------|-----|-----|------------|-----------|-----|
| EUROPE | E | T | 2-72 | YES | NO | NO | NO | YES | YES | NO | NO | YES | YES | NO | YES | NO | NO | TA/IN/NEWS | RDS DISP. | PTY |
| U.K. | T | T | 0-52 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | | | |

C-H6W (11-370X-XX)

| DESTINATION | COUNTRY | ABB | UNIT No. | Ⓢ | WH | W201-206 | R221-222 | R241-243, 326-328 | Q5-7, 205-207 | Q204 | Q209 | D225, 226, 228 | D227, 229-231 | ED1 | ED2 | S11 | S12 | S14 | | |
|-------------|---------|-----|----------|-----|----|----------|----------|-------------------|---------------|------|------|----------------|---------------|-----|-----|-----|-----|------------|-----------|-----|
| RUSSIA | Q | | 3-81 | YES | NO | NO | NO | YES | YES | NO | NO | YES | YES | NO | NO | YES | NO | TA/IN/NEWS | RDS DISP. | PTY |

C-H61 (11-370X-XX)

| DESTINATION | COUNTRY | ABB | UNIT No. | Ⓢ | WH | W201-206 | R221-222 | R241-243, 326-328 | Q5-7, 204-207, 209 | Q209 | D225, 227, 231 | D226, 228, 229, 230 | ED1 | ED2 | S11 | S12 | S14 |
|-------------------------|---------|-----|----------|----|-----|----------|----------|-------------------|--------------------|------|----------------|---------------------|-----|-----|------|-------|-----------|
| GENERAL MARKET MALAYSIA | Y | M | 0-22 | NO | YES | NO | YES | YES | YES | YES | NO | NO | YES | NO | ECHO | SLEEP | HITMASTER |

C-H5 (11-370X-XX)

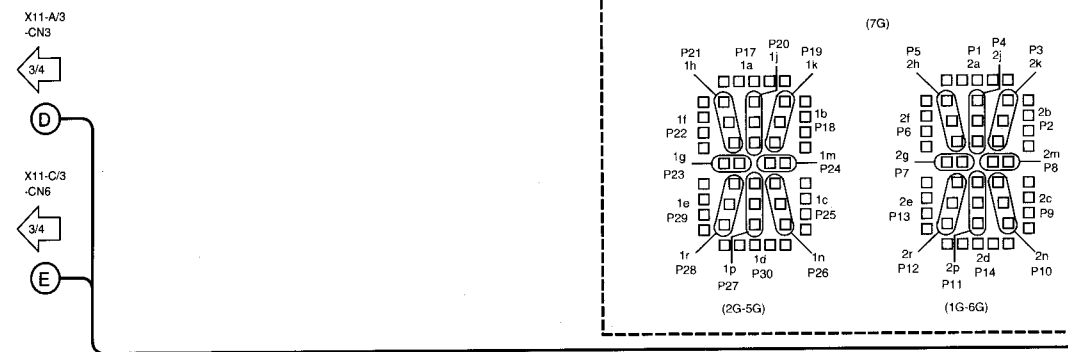
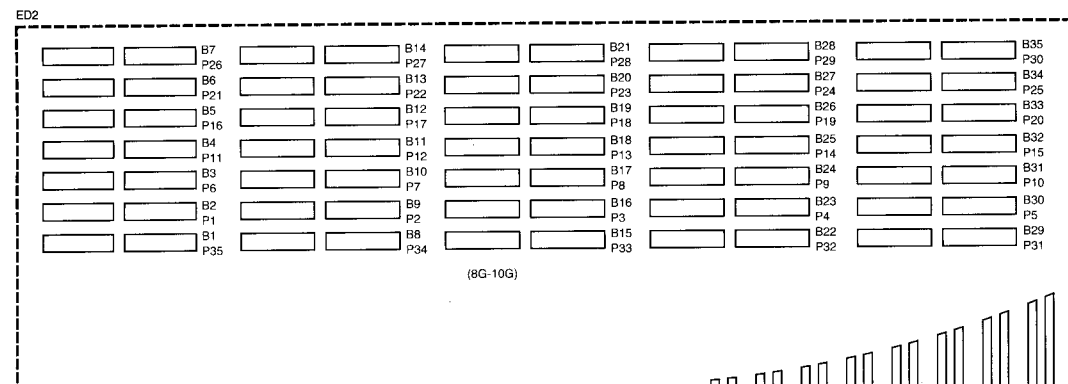
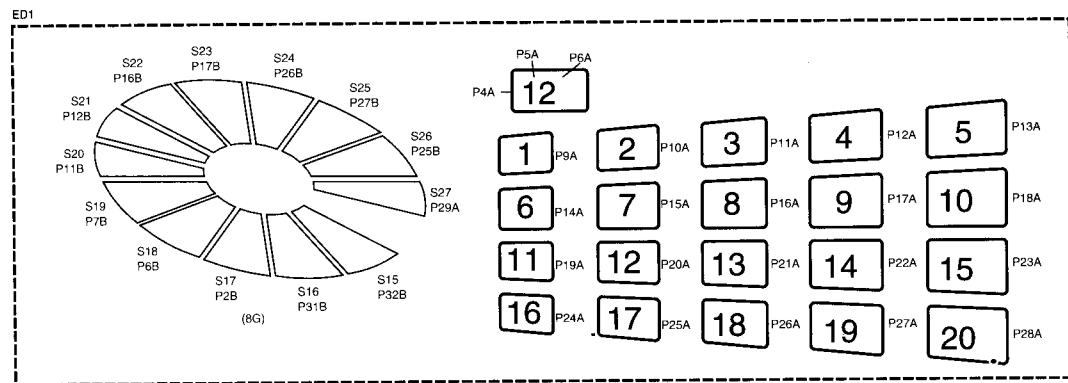
| DESTINATION | COUNTRY | ABB | UNIT No. | Ⓢ | WH | W201-206 | R221-222 | R241-243, 326-328 | Q5-7, 204-207, 209 | Q209 | D225, 227, 228 | D226, 229-231 | ED1 | ED2 | S11 | S12 | S14 | |
|-------------|---------|-----|----------|-----|----|----------|----------|-------------------|--------------------|------|----------------|---------------|-----|-----|-----|------------|-----------|-----|
| EUROPE | E | T | 2-73 | YES | NO | YES | NO | NO | NO | NO | YES | NO | YES | NO | YES | TA/IN/NEWS | RDS DISP. | PTY |
| U.K. | T | T | 0-53 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | | | |

C-H5W (11-370X-XX)

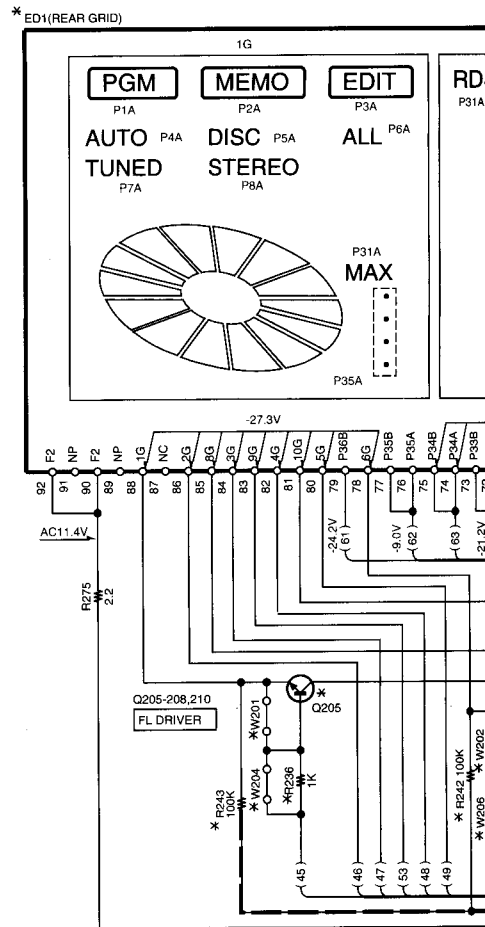
| DESTINATION | COUNTRY | ABB | UNIT No. | Ⓢ | WH | W201-206 | R221-222 | R241-243, 326-328 | Q5-7, 204-207, 209 | Q209 | D225, 227, 228 | D226, 229-231 | ED1 | ED2 | S11 | S12 | S14 | |
|-------------|---------|-----|----------|-----|----|----------|----------|-------------------|--------------------|------|----------------|---------------|-----|-----|-----|------------|-----------|-----|
| RUSSIA | Q | | 3-82 | YES | NO | YES | NO | NO | NO | NO | YES | NO | YES | NO | YES | TA/IN/NEWS | RDS DISP. | PTY |

C-H51 (11-370X-XX)

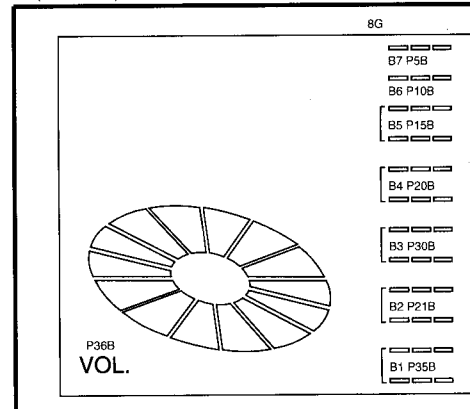
| DESTINATION | COUNTRY | ABB | UNIT No. | Ⓢ | WH | W201-206 | R221-222 | R241-243, 326-328 | Q5-7, 204-207 | Q209 | D225, 226, 231 | D227-230 | ED1 | ED2 | S11 | S12 | S14 |
|-------------------------|---------|-----|----------|----|-----|----------|----------|-------------------|---------------|------|----------------|----------|-----|-----|------|-------|-----------|
| GENERAL MARKET MALAYSIA | Y | M | 0-23 | NO | YES | YES | YES | NO | NO | YES | YES | NO | NO | NO | ECHO | SLEEP | HITMASTER |



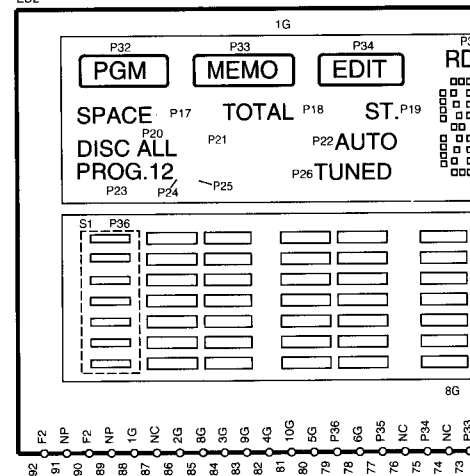
(X11-370X-XX) (B/3)

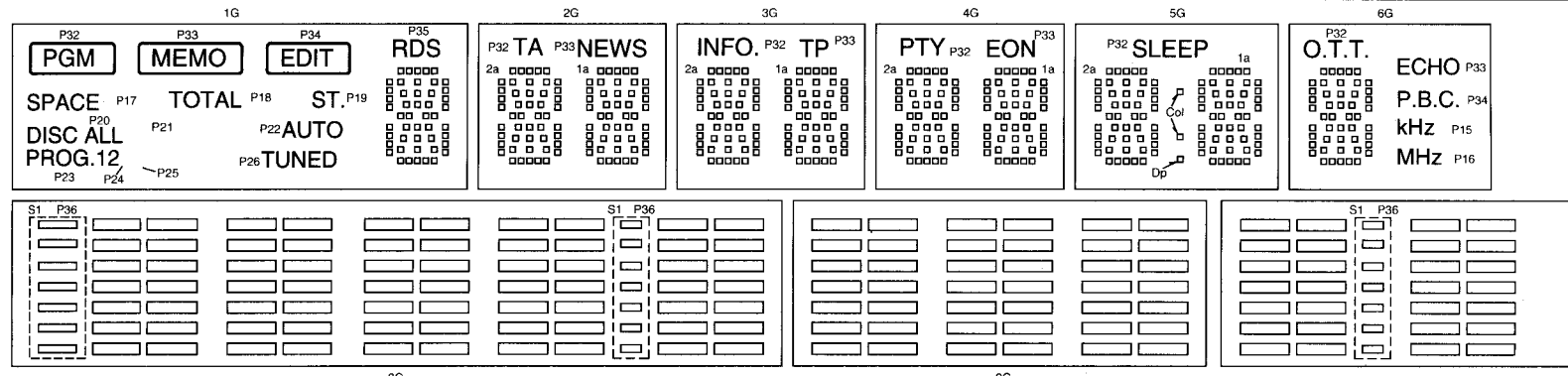
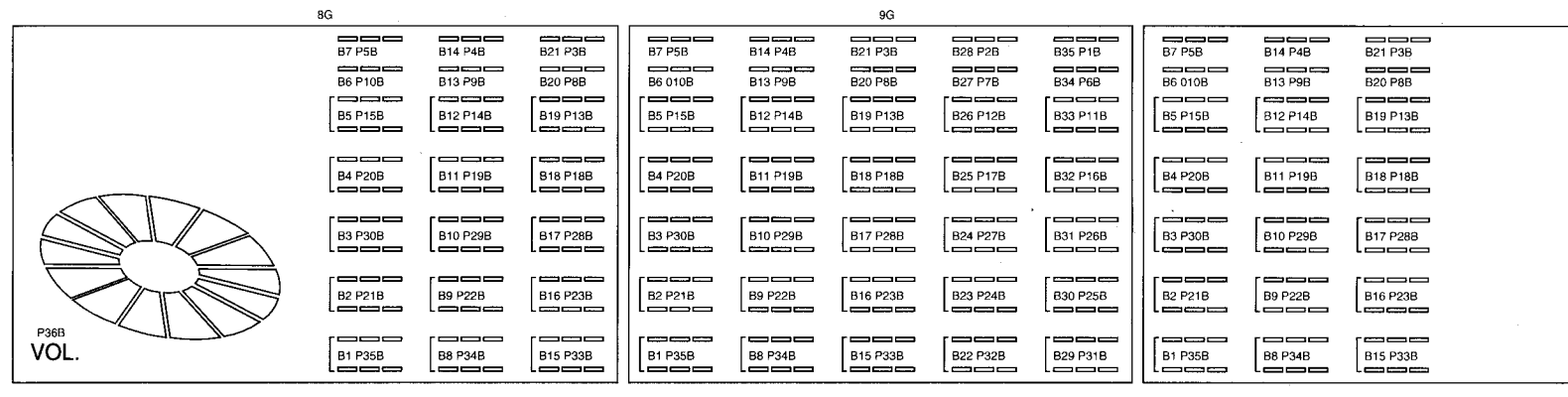
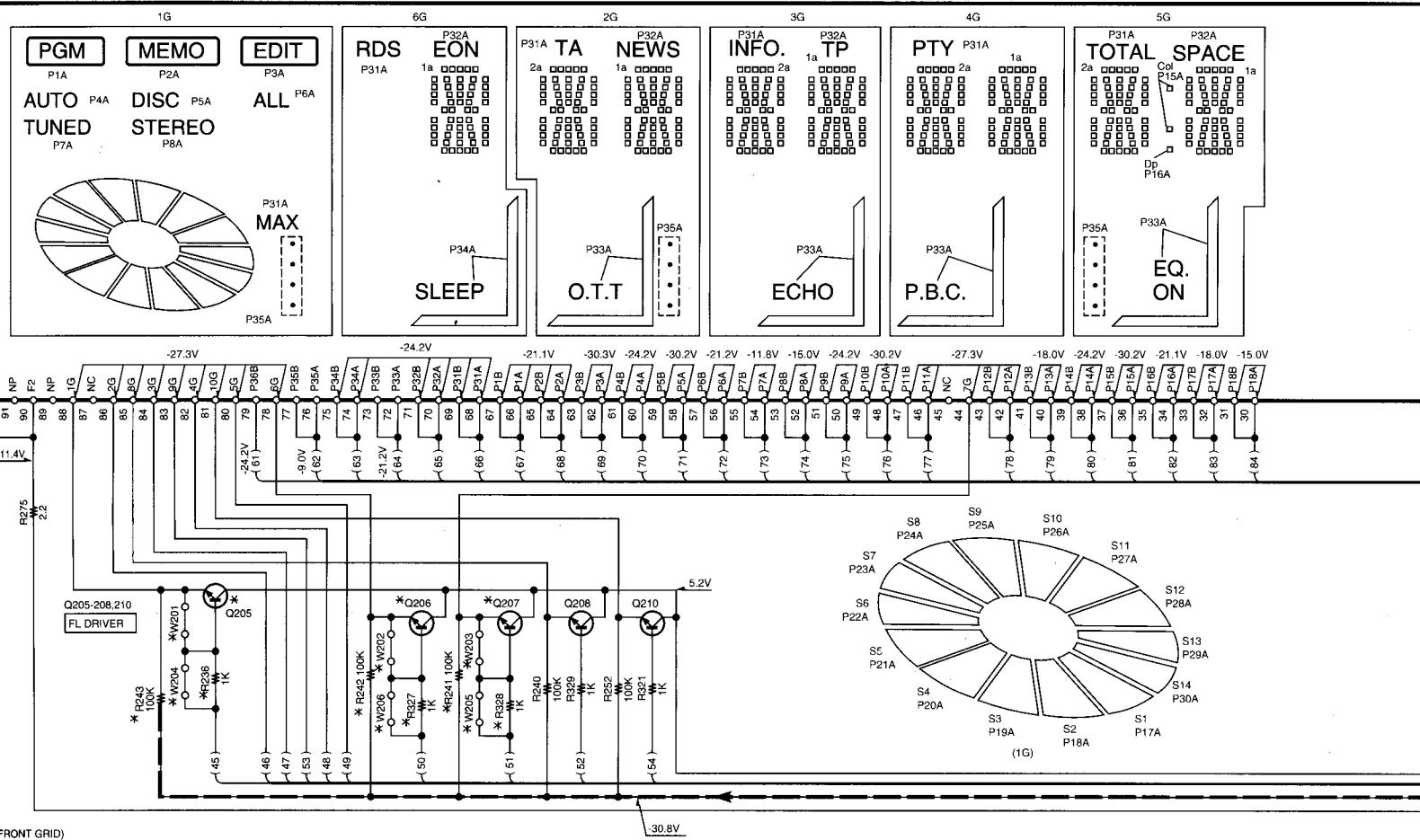


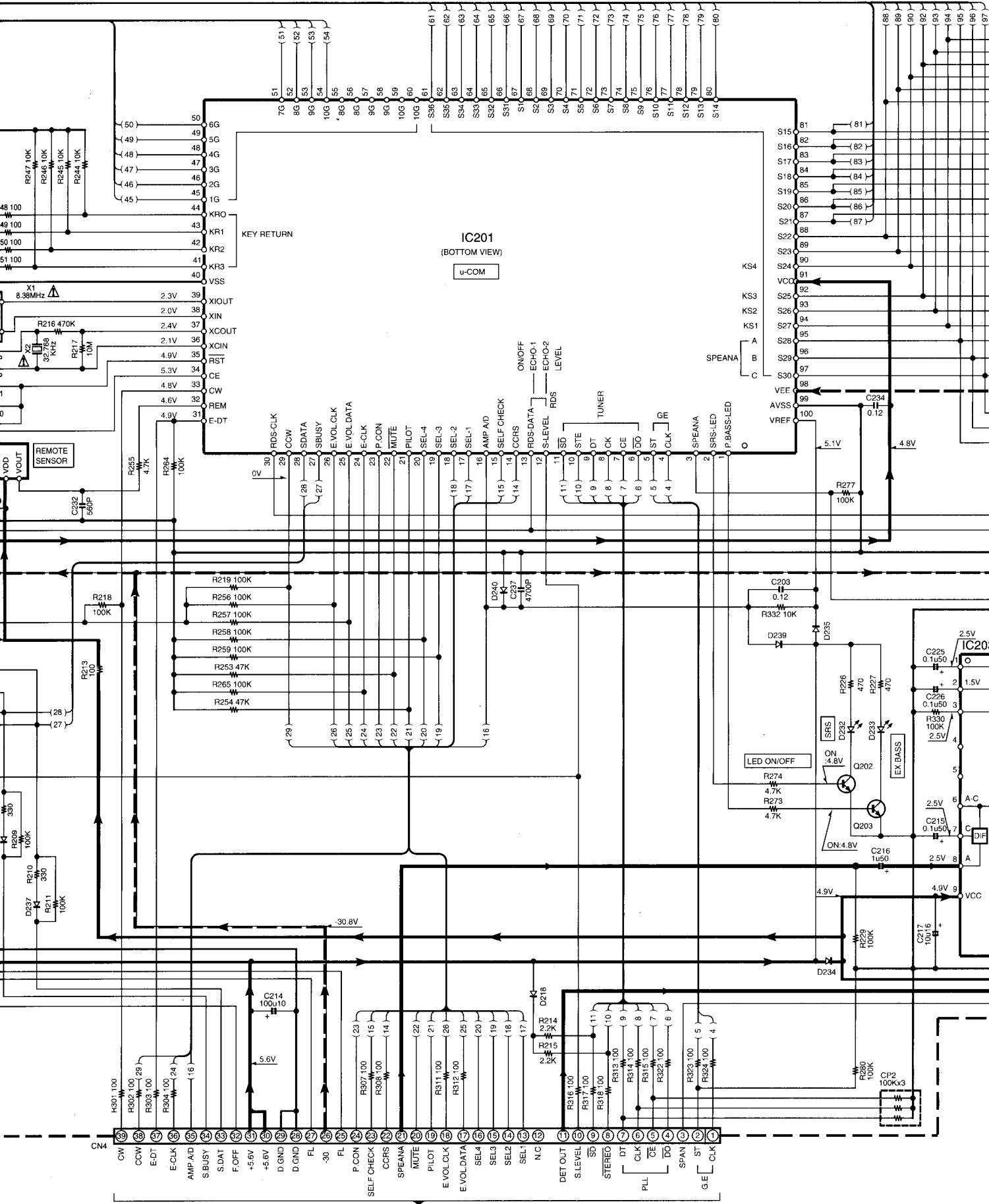
ED1 (FRONT GRID)



* ED2







IC201
(BOTTOM VIEW)
u-COM

IC200

IC202

EXBASS

LED ON/OFF

SRS

Q202

Q203

DIF

C.P.2

100Kx3

100Kx3

100Kx3

100Kx3

100Kx3

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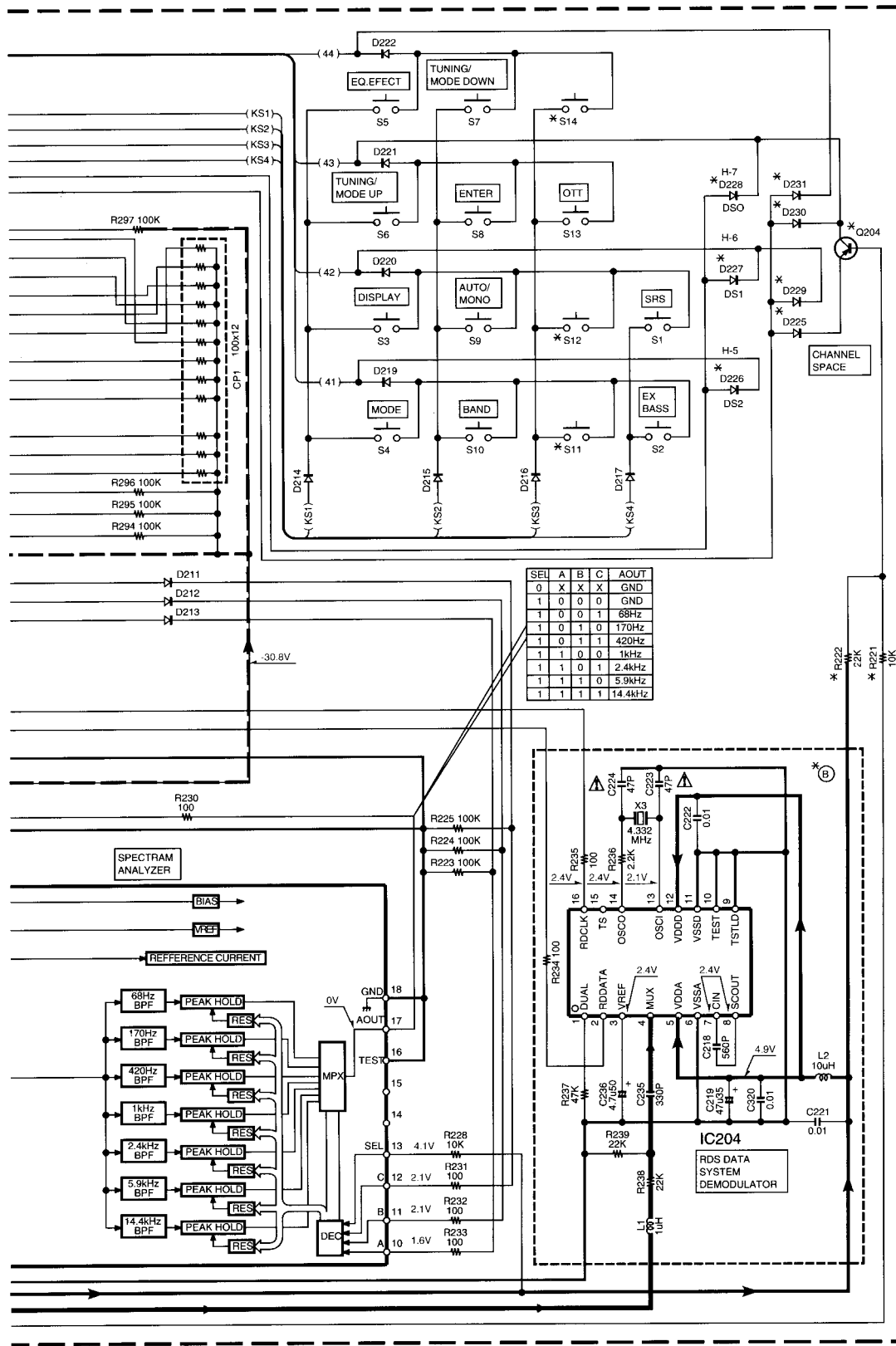
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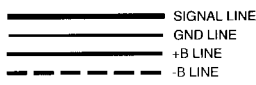
100Kx3



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

- IC201 : M38198MCA803FP
- IC202 : S-806D-Z
- IC203 : BA3834S
- IC204 : SAA6579
- Q201-203,205-210 : 2SC1740S(Q,R) or 2SC2785(F,E)
- Q204 : 2SA933AS(Q,R) or 2SA1175(F,E)
- D201-209,211-223,225-231,234-237,239,240 : 1SS131 or HSS104A
- D232,233 : B30-2494-05



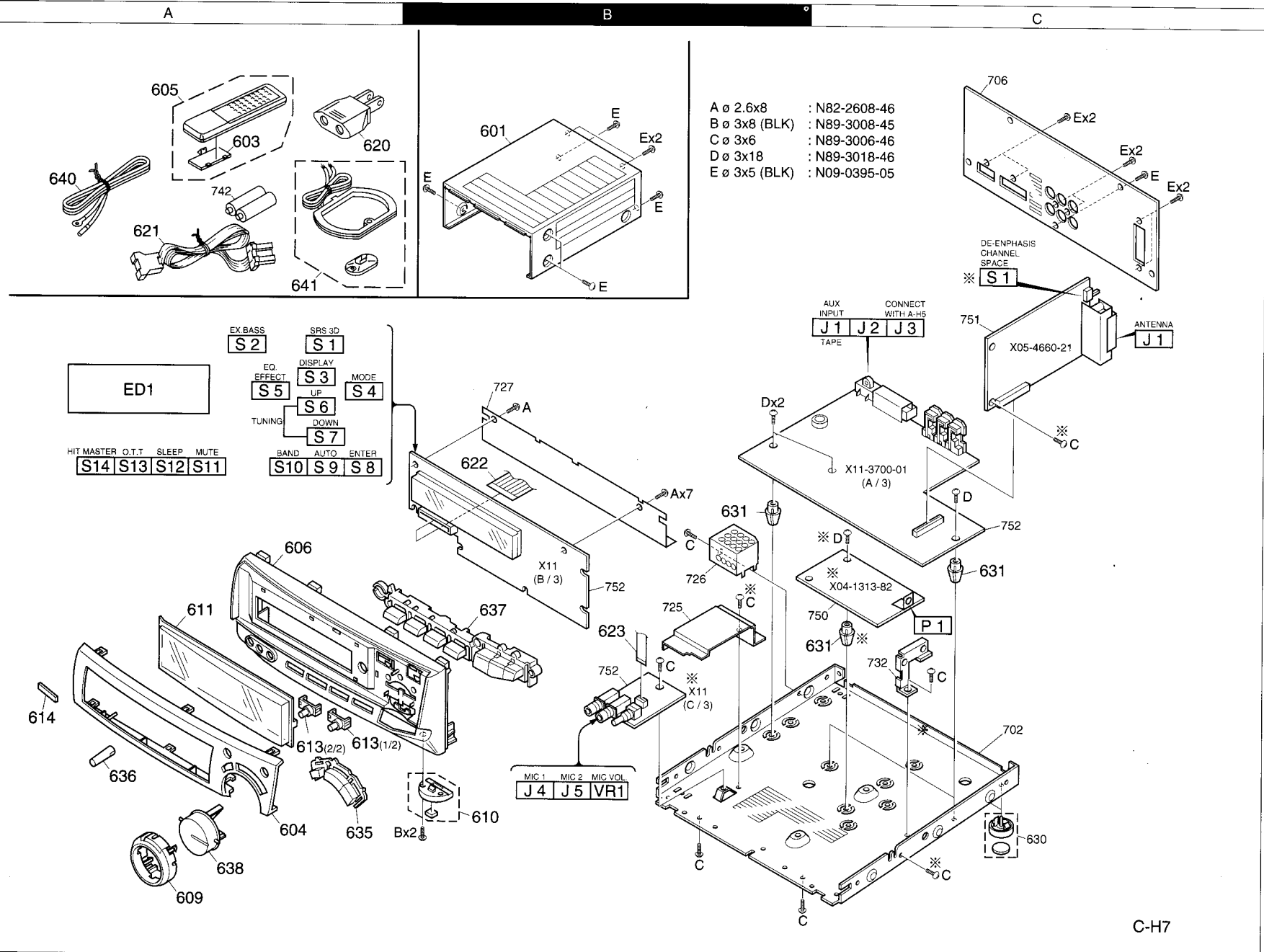
C-H5/H5W/H51/H6/W6W/H61/H7(M) (4/4)

Y08-5602-70

C-H5/H51/H5W/H6/H61/H6W/H

KENWOOD

- A ø 2.6x8 : N82-2608-46
- B ø 3x8 (BLK) : N89-3008-45
- C ø 3x6 : N89-3006-46
- D ø 3x18 : N89-3018-46
- E ø 3x5 (BLK) : N09-0395-05



C-H7

* New Parts
 Parts without **Parts No.** are not supplied.
 Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
 Teile ohne **Parts No.** werden nicht geliefert.

1

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|-------------|----------|-----------|-------------|----------------------------|--------------|----------|
| C-H7 | | | | | | |
| 601 | 1B | * | A01-3434-01 | METALLIC CABINET | | |
| 603 | 1A | * | A09-0380-08 | BATTERY COVER | | |
| 604 | 2A | * | A21-1916-02 | DRESSING PANEL | | |
| 605 | 1A | * | A70-1110-05 | REMOTE CONTROLLER ASSY | KM | |
| 605 | 1A | * | A70-1121-05 | REMOTE CONTROLLER ASSY | TE | |
| 606 | 2A | * | A60-1009-01 | PANEL | KM | |
| 606 | 2A | * | A60-1010-11 | PANEL | TE | |
| 609 | 2A | * | B07-2333-03 | ESCUTCHEON | | |
| 610 | 2B | * | B07-2335-04 | ESCUTCHEON | | |
| 611 | 2A | * | B10-2280-03 | FRONT GLASS | | |
| 612 | 1A | * | B19-1529-05 | OPTICAL FIBER | | |
| 613 | 2A | * | B19-1573-04 | LENS | | |
| 614 | 2A | | B43-0301-04 | KENWOOD BADGE | | |
| - | | | B46-0197-00 | QUESTIONNAIRE CARD | K | |
| - | | | B46-0310-03 | WARRANTY CARD | TE | |
| - | | | B46-0319-00 | QUESTIONNAIRE CARD | T | |
| - | | | B46-0328-03 | WARRANTY CARD | K | |
| - | | | B58-0964-13 | CAUTION CARD (UL) | K | |
| - | | | B58-0965-13 | CAUTION CARD (PL) | T | |
| - | | | B58-0966-13 | CAUTION CARD (PL) | ME | |
| - | | * | B60-2898-00 | INSTRUCTION MANUAL(ENG) | KM | |
| - | | * | B60-2899-00 | INSTRUCTION MANUAL(ENG) | T | |
| - | | * | B60-2900-00 | INSTRUCTION MANUAL(FRE) | E | |
| - | | * | B60-2901-00 | INSTRUCTION MANUAL(GER) | E | |
| - | | * | B60-2902-00 | INSTRUCTION MANUAL(NET) | E | |
| - | | * | B60-2903-00 | INSTRUCTION MANUAL(ITL) | E | |
| - | | * | B60-2904-00 | INSTRUCTION MANUAL(SPA) | E | |
| - | | * | B60-3114-00 | INSTRUCTION MANUAL(TWN) | M | |
| - | | * | B60-3121-00 | INSTRUCTION MANUAL(SPA) | M | |
| △ 620 | 1A | | E03-0115-05 | AC PLUG ADAPTER | M | |
| 621 | 1A | | E30-2738-05 | CORD WITH CONNECTOR | | |
| 622 | 1B | | E35-1126-05 | FLAT CABLE | | |
| 623 | 2B | * | E35-1762-05 | FLAT CABLE | KM | |
| - | | * | H10-7246-02 | POLYSTYRENE FOAMED FIXTURE | | |
| - | | * | H10-7247-02 | POLYSTYRENE FOAMED FIXTURE | | |
| - | | | H13-0086-04 | CARTON BOARD | | |
| - | | | H25-0632-24 | PROTECTION BAG | KME | |
| - | | | H25-0644-04 | PROTECTION BAG | T | |
| - | | | H25-0681-04 | PROTECTION BAG | | |
| - | | * | H50-2149-04 | ITEM CARTON CASE | TE | |
| - | | * | H50-2150-04 | ITEM CARTON CASE | M | |
| - | | * | H50-2438-04 | ITEM CARTON CASE | K | |
| 630 | 2C | | J02-0366-15 | FOOT | | |
| 631 | 2C | | J19-3751-04 | UNIT HOLDER | | |
| 635 | 2A | * | K29-6490-02 | KNOB (3 KEY) | | |
| 636 | 2A | * | K29-6491-04 | KNOB (MIC) | KM | |
| 637 | 2B | * | K29-6603-02 | KNOB (7 KEY) | KM | |
| 637 | 2B | * | K29-6645-02 | KNOB (7 KEY) | TE | |
| 638 | 2A | * | K29-6608-03 | KNOB (UP/DOWN) | | |
| 640 | 1A | | T90-0801-05 | LEAD WIRE ANTENNA | KM | |
| 640 | 1A | | T90-0809-05 | LEAD WIRE ANTENNA | TE | |

L : Scandinavia K : USA P : Canada R : Mexico 5 : C-H5 series
 Y : PX(Far East, Hawaii) T : Europe E : Europe G : Germany 6 : C-H6 series
 Y : AAFES(Europe) X : Australia M : Other Areas Q : Russia 7 : C-H7

△ indicates safety critical components.

* New Parts
 Parts without **Parts No.** are not supplied.
 Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
 Teile ohne **Parts No.** werden nicht geliefert.

2

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------------|----------|-----------|-------------|----------------------------|--------------|----------|
| 641 | 1A | | T90-0820-05 | LOOP ANTENNA | | |
| C-H5/H6 | | | | | | |
| 601 | 1B | * | A01-3427-01 | METALLIC CABINET (BLK) | EQT | |
| 601 | 1B | * | A01-3434-01 | METALLIC CABINET (SLV) | EQTM YI | |
| 603 | 1A | * | A09-0380-08 | BATTERY COVER | | |
| 604 | 2A | * | A21-1917-02 | DRESSING PANEL (SLV) 5 | EQT | |
| 604 | 2A | * | A21-1918-02 | DRESSING PANEL (BLK) 5 | EQT | |
| 604 | 2A | * | A21-1919-02 | DRESSING PANEL (SLV) 5 | YMI | |
| 604 | 2A | * | A21-1936-12 | DRESSING PANEL (BLK) 6 | EQT | |
| 604 | 2A | * | A21-1937-12 | DRESSING PANEL (SLV) 6 | YMI | |
| 604 | 2A | * | A21-1951-12 | DRESSING PANEL (SLV) 6 | EQT | |
| 605 | 1A | * | A70-1104-05 | REMOTE CONTROLLER ASSY5 | EQT | |
| 605 | 1A | | A70-1104-05 | REMOTE CONTROLLER ASSY6 | ET | |
| 605 | 1A | | A70-1105-05 | REMOTE CONTROLLER ASSY5 | YMI | |
| 605 | 1A | | A70-1105-05 | REMOTE CONTROLLER ASSY6 | YMI Q | |
| 606 | 2A | | A60-1009-01 | PANEL (SLV) | YMI | |
| 606 | 2A | * | A60-1010-11 | PANEL (SLV) | EQT | |
| 606 | 2A | * | A60-1111-11 | PANEL (BLK) | EQT | |
| 609 | 2A | | B07-2333-03 | ESCUTCHEON (SLV) | EQYMTI | |
| 609 | 2A | * | B07-2334-03 | ESCUTCHEON (BLK) | EQT | |
| 610 | 2B | * | B07-2335-04 | ESCUTCHEON | | |
| 611 | 2A | * | B10-2280-03 | FRONT GLASS | | |
| 613 | 2A | * | B19-1573-04 | LENS | | |
| 614 | 2A | | B43-0301-04 | KENWOOD BADGE | | |
| - | | | B46-0310-03 | QUESTIONNAIRE CARD | EQT | |
| - | | | B46-0319-00 | QUESTIONNAIRE CARD | T | |
| - | | | B46-0328-03 | WARRANTY CARD | Y | |
| - | | | B58-0964-13 | CAUTION CARD (UL) | Y | |
| - | | | B58-0965-13 | CAUTION CARD (PL) | TT | |
| - | | | B58-0966-13 | CAUTION CARD (PL) | EM | |
| - | | | B58-1526-03 | CAUTION CARD (PL) | I | |
| - | | | B59-1104-00 | CAUTION CARD | Q | |
| - | | | B59-1104-00 | SERVICE DIRECTORY | Y | |
| - | | * | B60-2905-00 | INSTRUCTION MANUAL (TWN) | MI | |
| - | | * | B60-2906-00 | INSTRUCTION MANUAL (RUN) | Q | |
| - | | * | B60-2907-00 | INSTRUCTION MANUAL (PLN) | Q | |
| - | | * | B60-3115-00 | INSTRUCTION MANUAL (ENG) | YMI | |
| - | | * | B60-3116-00 | INSTRUCTION MANUAL (ENG) | T | |
| - | | * | B60-3117-00 | INSTRUCTION MANUAL (FRE) | E | |
| - | | * | B60-3118-00 | INSTRUCTION MANUAL (GER) | E | |
| - | | * | B60-3119-00 | INSTRUCTION MANUAL (NET) | E | |
| - | | * | B60-3120-00 | INSTRUCTION MANUAL (SPA) | M | |
| - | | * | B60-3241-00 | INSTRUCTION MANUAL (ITL) | E | |
| - | | * | B60-3242-00 | INSTRUCTION MANUAL (SPA) | E | |
| △ 620 | 1A | | E03-0115-05 | AC PLUG ADAPTER | MI | |
| 621 | 1A | | E30-2738-05 | CORD WITH CONNECTOR | | |
| 622 | 1B | | E35-1126-05 | FLAT CABLE | | |
| 623 | 2B | | E35-1762-05 | FLAT CABLE | YMI | |
| - | | | H10-7246-02 | POLYSTYRENE FOAMED FIXTURE | | |
| - | | | H10-7247-02 | POLYSTYRENE FOAMED FIXTURE | | |
| - | | | H13-0086-04 | CARTON BOARD | | |
| - | | | H25-0632-24 | PROTECTION BAG | EQYMTI | |
| - | | | H25-0644-04 | PROTECTION BAG | T | |

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△ indicates safety critical components.

C-H5/H51/H5W/H6/H61/H6W/H7
PARTS LIST

* New Parts

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③

| Ref. No | Add-ress | New Parts | Parts No. | Description | Quantity | Desti-nation | Re-marks |
|--------------------------------------|----------|-----------|---------------|------------------------|----------|--------------|----------|
| - | | * | H25-0681-04 | PROTECTION BAG | | | |
| - | | * | H50-2152-04 | ITEM CARTON CASE (SLV) | 5 | ET | |
| - | | * | H50-2153-04 | ITEM CARTON CASE (SLV) | 5 | MI | |
| - | | * | H50-2255-04 | ITEM CARTON CASE (SLV) | 6 | ET | |
| - | | * | H50-2256-04 | ITEM CARTON CASE (SLV) | 6 | MI | |
| - | | * | H50-2257-04 | ITEM CARTON CASE (SLV) | 6 | Y | |
| - | | * | H50-2313-04 | ITEM CARTON CASE (SLV) | 5 | Q | |
| - | | * | H50-2315-04 | ITEM CARTON CASE (SLV) | 5 | Y | |
| - | | * | H50-2317-04 | ITEM CARTON CASE (SLV) | 6 | Q | |
| - | | * | H50-2348-04 | ITEM CARTON CASE (BLK) | 5 | ET | |
| - | | * | H50-2349-04 | ITEM CARTON CASE (BLK) | 5 | Q | |
| - | | * | H50-2350-04 | ITEM CARTON CASE (BLK) | 6 | ET | |
| - | | * | H50-2412-04 | ITEM CARTON CASE (BLK) | 6 | Q | |
| 630 | 2C | | J02-0366-15 | FOOT | | | |
| 631 | 2C | | J19-3751-04 | UNIT HOLDER | | | |
| 635 | 2A | | K29-6490-02 | KNOB (3 KEY) (SLV) | 6 | EQYMTI | |
| 635 | 2A | * | K29-6607-02 | KNOB (3 KEY) (BLK) | 6 | EQT | |
| 635 | 2A | * | K29-6646-02 | KNOB (3 KEY) (SLV) | 5 | EQYMTI | |
| 635 | 2A | * | K29-6647-02 | KNOB (3 KEY) (BLK) | 5 | EQT | |
| 636 | 2A | | K29-6491-04 | KNOB (MIC) (SLV) | | YMI | |
| 637 | 2B | | K29-6603-02 | KNOB (7 KEY) (SLV) | | YMI | |
| 637 | 2B | * | K29-6623-02 | KNOB (7 KEY) (BLK) | | EQT | |
| 637 | 2B | | K29-6645-02 | KNOB (7 KEY) (SLV) | | EQT | |
| 638 | 2A | | K29-6608-03 | KNOB (UP/DOWN) (SLV) | | EQYMTI | |
| 638 | 2A | * | K29-6609-03 | KNOB (UP/DOWN) (BLK) | | EQT | |
| 640 | 1A | | T90-0801-05 | LEAD WIRE ANTENNA | | YMI | |
| 640 | 1A | | T90-0809-05 | LEAD WIRE ANTENNA | | EQT | |
| 641 | 1A | | T90-0820-05 | LOOP ANTENNA | | | |
| MPX (X04-1313-82) Q type only | | | | | | | |
| C1 | | * | CE04LW1H010M | ELECTRO | 1.0UF | 50WV | |
| C2 ,3 | | | C91-1566-05 | PF-C | 0.01UF | G | |
| C4 | | | CE04LW1A470M | ELECTRO | 47UF | 10WV | |
| C5 ,6 | | | CQ93FMG1H102J | MYLAR | 1000PF | J | |
| C7 | | | CC45FSL1H331J | CERAMIC | 330PF | J | |
| C8 | | | CK45FB1H102K | CERAMIC | 1000PF | K | |
| C9 | | | CC93FCH1H471J | CERAMIC | 470PF | J | |
| C10 ,11 | | | CE04LW1HR47M | ELECTRO | 0.47UF | 50WV | |
| C12 | | | CK45FF1H473Z | CERAMIC | 0.047UF | Z | |
| C13 -15 | | | CE04LW1H010M | ELECTRO | 1.0UF | 50WV | |
| C16 | | | CK45FF1H103Z | CERAMIC | 0.010UF | Z | |
| C17 ,18 | | | CE04LW1H2R2M | ELECTRO | 2.2UF | 50WV | |
| C19 ,20 | | | CQ93FMG1H682J | MYLAR | 6800PF | J | |
| C21 | | | CK45FF1H103Z | CERAMIC | 0.010UF | Z | |
| C22 | | | CE04LW1A470M | ELECTRO | 47UF | 10WV | |
| C23 ,24 | | | CQ93FMG1H472J | MYLAR | 4700PF | J | |
| C25 | | | CC45FSL1H121J | CERAMIC | 120PF | J | |
| C26 | | | CE04LW1H2R2M | ELECTRO | 2.2UF | 50WV | |
| TC1 | | * | C05-0463-05 | CERAMIC TRIMMER | 120PF | (120P) | |
| CN2 ,3 | | * | E40-4871-05 | PIN ASSY | | | |
| CN4 | | * | E40-4372-05 | PIN ASSY | | | |
| CN5 | | * | E40-3259-05 | PIN ASSY | | | |
| CN6 | | * | E40-4872-05 | PIN ASSY | | | |
| L1 | | * | L39-1350-05 | PEAKING COIL | | | |

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|-------------------------------------|----------|-----------|---------------|-------------------------------|----------|--------------|----------|
| L2 ,3 | | | L79-1236-05 | LC FILTER | | | |
| L4 | | | L40-1021-14 | SMALL FIXED INDUCTOR(1.0MH,K) | | | |
| △ R9 | | | RS14KB3A221J | FL-PROOF RS 220 J 1W | | | |
| VR1 | | | R12-3685-05 | TRIMMING POT.(10K) | | | |
| VR2 | | | R12-1619-05 | TRIMMING POT.(4.7K) | | | |
| D1 | | | MTZJ5.1(B) | ZENER DIODE | | | |
| D1 | | | UZ-5.1BSB | ZENER DIODE | | | |
| D2 ,3 | | | HSS104 | DIODE | | | |
| D2 ,3 | | | 1SS133 | DIODE | | | |
| D4 | | | MTZJ5.1(B) | ZENER DIODE | | | |
| D4 | | | UZ-5.1BSB | ZENER DIODE | | | |
| D6 ,7 | | | HSS104 | DIODE | | | |
| D6 ,7 | | | 1SS133 | DIODE | | | |
| IC1 | | * | IR3R42 | ANALOGUE IC | | | |
| IC2 | | | NJM4565D | ANALOGUE IC | | | |
| IC3 | | | TC4052BP | IC(4CH MPX/DE-MPX) | | | |
| Q1 | | | 2SA1175(F,E) | TRANSISTOR | | | |
| Q1 | | | 2SA933AS(Q,R) | TRANSISTOR | | | |
| Q5 | | | DTC124ESA | DIGITAL TRANSISTOR | | | |
| Q5 | | | UN4212 | DIGITAL TRANSISTOR | | | |
| TUNER (X05-4652-71) TEQ type | | | | | | | |
| C1 | | | CE04LW1C470M | ELECTRO | 47UF | 16WV | |
| C2 | | | CE04LW1H010M | ELECTRO | 1.0UF | 50WV | |
| C3 -8 | | | CK73FB1H103K | CHIP C | 0.010UF | K | |
| C9 | | | C91-0769-05 | CERAMIC | 0.010UF | K | |
| C30 | | | CK73EB1E473K | CHIP C | 0.047UF | K | |
| C31 | | | CE04LW1C470M | ELECTRO | 47UF | 16WV | |
| C32 | | | CK73FB1H103K | CHIP C | 0.010UF | K | |
| C33 | | | CE04LW1C100M | ELECTRO | 10UF | 16WV | |
| C34 | | | CK73EB1E104K | CHIP C | 0.10UF | K | |
| C35 | | | CE04LW1C100M | ELECTRO | 10UF | 16WV | |
| C36 | | | CK73FB1E473K | CHIP C | 0.047UF | K | |
| C37 | | | CK73EF1E105Z | CHIP C | 1.0UF | Z | |
| C38 | | | C90-3217-05 | ELECTRO | 10UF | 10WV | |
| C39 | | | CC73FSL1H101J | CHIP C | 100PF | J | Q |
| C40 | | | C90-3253-05 | ELECTRO | 1.0UF | 50WV | |
| C41 | | | C90-3251-05 | ELECTRO | 0.47UF | 50WV | |
| C42 | | | C90-3240-05 | ELECTRO | 2.2UF | 35WV | |
| C43 | | | CE04LW1HR47M | ELECTRO | 0.47UF | 50WV | |
| C44 | | | CK73FB1E473K | CHIP C | 0.047UF | K | |
| C45 | | | CC73FCH1H220J | CHIP C | 22PF | J | |
| C46 | | | CE04LW1A101M | ELECTRO | 100UF | 10WV | |
| C47 | | | CK73FB1H682K | CHIP C | 6800PF | K | |
| C48 | | | CC73FSL1H101J | CHIP C | 100PF | J | |
| C49 | | | C90-3253-05 | ELECTRO | 1.0UF | 50WV | |
| C50 | | | CK73FB1H102K | CHIP C | 1000PF | K | |
| C51 ,52 | | | C90-3217-05 | ELECTRO | 10UF | 10WV | |
| C53 ,54 | | | CK73FB1H223K | CHIP C | 0.022UF | K | |
| C55 ,56 | | | C90-3231-05 | ELECTRO | 3.3UF | 25WV | Q |
| C55 ,56 | | | C90-3240-05 | ELECTRO | 2.2UF | 35WV | ET |
| C57 ,58 | | | CK73FB1H682K | CHIP C | 6800PF | K | ET |
| C59 | | | CC73ESL1H101J | CHIP C | 100PF | J | Q |
| C60 | | | CK73FB1E104K | CHIP C | 0.10UF | K | |
| C61 | | | CK73FB1H103K | CHIP C | 0.010UF | K | |

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|---------|----------|-----------|---------------|------------------------------|--------------|----------|
| C62 | | | CK73FB1H333K | CHIP C 0.033UF K | QT | |
| C63 | | * | CC73FCH1H090D | CHIP C 9.0PF D | QT | |
| C64 | | | CK73FB1H333K | CHIP C 0.033UF K | | |
| C66 | | | CC73FCH1H060D | CHIP C 6.0PF D | | |
| C67 | | | CC73FCH1H220J | CHIP C 22PF J | EQ | |
| C67 | | | CC73FCH1H330J | CHIP C 33PF J | T | |
| C68 | | | CC73FSL1H020C | CHIP C 2.0PF C | E | |
| C69 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C70 | | | CC73FSL1H101J | CHIP C 100PF J | | |
| C79 | | | CC73FSL1H101J | CHIP C 100PF J | Q | |
| C80 | | | CC73FSL1H101J | CHIP C 100PF J | | |
| C81 | | | CC73FCH1H220J | CHIP C 22PF J | | |
| C82 | | | CC73FCH1H270J | CHIP C 27PF J | | |
| C83 ,84 | | | CK73FB1H102K | CHIP C 1000PF K | | |
| C85 | | | C91-0745-05 | CERAMIC 100PF K | | |
| C86 | | | C91-0757-05 | CERAMIC 1000PF K | | |
| C87 | | | CE04LW1A470M | ELECTRO 47UF 10WV | | |
| C88 | | | CC73FSL1H331J | CHIP C 330PF J | Q | |
| C89 | | | CE04LW1C470M | ELECTRO 47UF 16WV | | |
| C90 | | | CE04LW1H2R2M | ELECTRO 2.2UF 50WV | | |
| C91 | | | CQ93FMG1H223J | MYLAR 0.022UF J | | |
| C92 | | | CC73FSL1H471J | CHIP C 470PF J | | |
| C93 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C94 | | | CK73FB1H102K | CHIP C 1000PF K | | |
| C95 | | | CC73FCH1H470J | CHIP C 47PF J | | |
| C96 | | | CC73FSL1H101J | CHIP C 100PF J | | |
| CN1 | | | E40-9831-05 | SOCKET FOR PIN ASSY | ET | |
| CN2 | | | E40-4871-05 | PIN ASSY | | |
| J1 | | | E20-0321-05 | LOCK TERMINAL BOARD(2P,F) | | |
| J1 | | | E70-0052-05 | LOCK TERMINAL BOARD | | |
| J2 | | | F10-1053-04 | SHIELDING PLATE | ET | |
| J2 | | * | F10-1088-04 | SHIELDING PLATE | Q | |
| CF1 ,2 | | | L72-0536-05 | CERAMIC FILTER | | |
| L31 | | | L30-0929-05 | FM IFT | | |
| L32 | | | L30-0930-05 | FM IFT | | |
| L33 | | | L30-0911-05 | AM IFT | | |
| L34 | | | L79-1237-05 | LC FILTER | | |
| L35 ,36 | | | L79-1236-05 | LC FILTER | ET | |
| L61 | | | L40-1091-17 | SMALL FIXED INDUCTOR(1UH) | | |
| L62 | | | L39-1351-05 | COMBINATION COIL | E | |
| L62 | | * | L39-1352-05 | COMBINATION COIL | QT | |
| L63 | | | L40-1001-17 | SMALL FIXED INDUCTOR(10UH,K) | E | |
| L81 | | | L40-1091-17 | SMALL FIXED INDUCTOR(1UH) | | |
| X31 | | | L78-0637-05 | RESONATOR (456KHZ) | | |
| X81 | | | L77-1122-05 | CRYSTAL RESONATOR(7.2MHZ) | | |
| R1 | | | RD14NB2E101J | RD 100 J 1/4W | | |
| R2 | | | RK73EB2B221J | CHIP R 220 J 1/8W | | |
| R3 | | | RK73FB2A332J | CHIP R 3.3K J 1/10W | | |
| R4 | | | RK73FB2A681J | CHIP R 680 J 1/10W | | |
| R5 | | | RK73FB2A331J | CHIP R 330 J 1/10W | | |
| R6 | | | RK73FB2A220J | CHIP R 22 J 1/10W | | |
| R7 | | | RK73FB2A332J | CHIP R 3.3K J 1/10W | | |
| R8 | | | RK73FB2A331J | CHIP R 330 J 1/10W | | |

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|---------|----------|-----------|--------------|---------------------|--------------|----------|
| R10 | | | RK73FB2A332J | CHIP R 3.3K J 1/10W | | |
| R11 | | | RK73FB2A681J | CHIP R 680 J 1/10W | | |
| R12 | | | RK73FB2A122J | CHIP R 1.2K J 1/10W | | |
| R13 ,14 | | | RK73FB2A331J | CHIP R 330 J 1/10W | | |
| R15 | | | RK73FB2A101J | CHIP R 100 J 1/10W | | |
| R16 | | | RK73FB2A330J | CHIP R 33 J 1/10W | ET | |
| R16 | | | RK73FB2A470J | CHIP R 47 J 1/10W | Q | |
| R17 | | | RK73FB2A621J | CHIP R 620 J 1/10W | | |
| R18 | | | RK73FB2A123J | CHIP R 12K J 1/10W | | |
| R19 | | | RK73FB2A4R7J | CHIP R 4.7 J 1/10W | | |
| R20 | | | RK73FB2A122J | CHIP R 1.2K J 1/10W | | |
| R31 | | | RS14KB3A820J | FL-PROOF RS 82 J 1W | | |
| R32 | | | RK73EB2B562J | CHIP R 5.6K J 1/8W | | |
| R33 | | | RK73FB2A302J | CHIP R 3.0K J 1/10W | | |
| R34 | | | RK73FB2A822J | CHIP R 8.2K J 1/10W | | |
| R35 | | | RK73FB2A333J | CHIP R 33K J 1/10W | | |
| R36 | | | RK73FB2A393J | CHIP R 39K J 1/10W | | |
| R37 | | | RK73FB2A272J | CHIP R 2.7K J 1/10W | | |
| R38 | | | RK73FB2A333J | CHIP R 33K J 1/10W | | |
| R39 | | | RK73FB2A223J | CHIP R 22K J 1/10W | | |
| R40 | | | RK73FB2A332J | CHIP R 3.3K J 1/10W | | |
| R41 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | | |
| R42 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R43 ,44 | | | RK73FB2A242J | CHIP R 2.4K J 1/10W | Q | |
| R43 ,44 | | | RK73FB2A332J | CHIP R 3.3K J 1/10W | ET | |
| R45 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | ET | |
| R46 | | | RK73FB2A122J | CHIP R 1.2K J 1/10W | | |
| R47 ,48 | | | RK73FB2A392J | CHIP R 3.9K J 1/10W | | |
| R49 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R51 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R52 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R53 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R54 | | | RK73FB2A683J | CHIP R 68K J 1/10W | | |
| R55 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R56 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R59 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | | |
| R61 | | | RK73FB2A223J | CHIP R 22K J 1/10W | QT | |
| R62 | | | RK73FB2A105J | CHIP R 1.0M J 1/10W | QT | |
| R63 | | | RK73FB2A473J | CHIP R 47K J 1/10W | QT | |
| R64 | | | RK73FB2A103J | CHIP R 10K J 1/10W | QT | |
| R65 | | | RK73FB2A153J | CHIP R 15K J 1/10W | QT | |
| R66 | | | RK73FB2A152J | CHIP R 1.5K J 1/10W | QT | |
| R67 | | | RK73FB2A104J | CHIP R 100K J 1/10W | QT | |
| R68 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | QT | |
| R70 | | | RK73FB2A105J | CHIP R 1.0M J 1/10W | QT | |
| R80 | | | RK73EB2B102J | CHIP R 1.0K J 1/8W | | |
| R81 -83 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R84 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R85 -88 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R89 | | | RD14NB2E101J | RD 100 J 1/4W | | |
| R90 | | | RK73FB2A562J | CHIP R 5.6K J 1/10W | | |
| R91 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | | |
| R92 | | | RK73FB2A123J | CHIP R 12K J 1/10W | | |
| R93 | | | RK73FB2A122J | CHIP R 1.2K J 1/10W | | |
| R94 | | | RD14NB2E561J | RD 560 J 1/4W | | |

PARTS LIST

C-H5/H51/H5W/H6/H61/H6W/H7

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|--------------------------------------|----------|-----------|---------------|-------------------|--------------|----------|
| W51 -55 | | | R92-0670-05 | CHIP R | 0 OHM | E |
| W53 | | | R92-0670-05 | CHIP R | 0 OHM | QT |
| W56 -58 | | | R92-0679-05 | CHIP R | 0 OHM | |
| W59 | | | R92-0670-05 | CHIP R | 0 OHM | ET |
| W59 -61 | | | R92-0670-05 | CHIP R | 0 OHM | Q |
| W61 | | | R92-0670-05 | CHIP R | 0 OHM | ET |
| W62 -67 | | | R92-0679-05 | CHIP R | 0 OHM | |
| W68 | | | R92-0670-05 | CHIP R | 0 OHM | Q |
| W69 -71 | | | R92-0679-05 | CHIP R | 0 OHM | E |
| W69 -72 | | | R92-0679-05 | CHIP R | 0 OHM | QT |
| W73 | | | R92-0670-05 | CHIP R | 0 OHM | |
| W74 | | | R92-0679-05 | CHIP R | 0 OHM | Q |
| W75 | | | R92-0670-05 | CHIP R | 0 OHM | E |
| W75 ,76 | | | R92-0670-05 | CHIP R | 0 OHM | QT |
| W79 ,80 | | | R92-0670-05 | CHIP R | 0 OHM | Q |
| W80 | | | R92-0670-05 | CHIP R | 0 OHM | ET |
| W82 | | | R92-0670-05 | CHIP R | 0 OHM | Q |
| W83 -85 | | | R92-0679-05 | CHIP R | 0 OHM | ET |
| W83 ,84 | | | R92-0679-05 | CHIP R | 0 OHM | ET |
| D1 | | | HSS104 | DIODE | | |
| D1 | | | 1SS133 | DIODE | | |
| D31 | | | MTZJ8.2(B) | ZENER DIODE | | |
| D31 | | | UZ-8.2BSB | ZENER DIODE | | |
| D32 | | | MA111 | DIODE | | |
| D33 | | | HSS104 | DIODE | | |
| D33 | | | 1SS133 | DIODE | | |
| D61 ,62 | | | HSS104 | DIODE | | |
| D61 ,62 | | | 1SS133 | DIODE | | |
| D81 | | | MTZJ5.1(B) | ZENER DIODE | | |
| D81 | | | UZ-5.1BSB | ZENER DIODE | | |
| IC1 | | | LA1836 | ANALOGUE IC | | |
| IC2 | | | LC72131 | MOS-IC | | |
| IC3 | | | NJM2904M | IC(OP AMP X2) | | |
| Q1 ,2 | | | 2SC2714(R,O) | TRANSISTOR | | |
| Q3 | | | 2SA1576A(R,S) | TRANSISTOR | | |
| Q3 | | | 2SB1218A(Q,R) | TRANSISTOR | | |
| Q31 ,32 | | | 2SC4081(R,S) | TRANSISTOR | | |
| Q31 ,32 | | | 2SD1819A(Q,R) | TRANSISTOR | | |
| Q61 ,62 | | | 2SC4081(R,S) | TRANSISTOR | | QT |
| Q61 ,62 | | | 2SD1819A(Q,R) | TRANSISTOR | | QT |
| Q63 | | | 2SC2878(B) | TRANSISTOR | | QT |
| Q64 | | | 2SA1576A(R,S) | TRANSISTOR | | QT |
| Q64 | | | 2SB1218A(Q,R) | TRANSISTOR | | QT |
| Q65 | | | 2SK302(Y,GR) | FET | | QT |
| Q81 | | | 2SA1576A(R,S) | TRANSISTOR | | |
| Q81 | | | 2SB1218A(Q,R) | TRANSISTOR | | |
| A1 | | | W02-2565-05 | FM FRONT-END ASSY | | ET |
| A1 | | | W02-2579-05 | FM FRONT-END ASSY | | Q |
| TUNER (X05-4660-12) KYMI type | | | | | | |
| C1 ,2 | | | CK73FB1H103K | CHIP C | 0.010UF K | |
| C3 | | | CC73FCH1H040C | CHIP C | 4.0PF C | |
| C5 | | | CK73FB1H222K | CHIP C | 2200PF K | |
| C7 | | | CK73FB1H102K | CHIP C | 1000PF K | |
| C8 | | | CK73FB1H103K | CHIP C | 0.010UF K | |

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|---------|----------|-----------|----------------|---------------------------|--------------|----------|
| C9 | | | CE04LW1C100M | ELECTRO | 10UF | 16WV |
| C10 | | | CK73FB1H473K | CHIP C | 0.047UF | K |
| C11 | | | CE04LW1H010M | ELECTRO | 1.0UF | 50WV |
| C12 | | | CE04LW1H2R2M | ELECTRO | 2.2UF | 50WV |
| C13 | | | CK73FB1H102K | CHIP C | 1000PF | K |
| C14 | | | CE04LW1H010M | ELECTRO | 1.0UF | 50WV |
| C15 | | | CC73FCH1H220J | CHIP C | 22PF | J |
| C16 | | | CE04LW1C100M | ELECTRO | 10UF | 16WV |
| C17 | | | CK73FB1H562K | CHIP C | 5600PF | K |
| C18 | | | CK73FB1H102K | CHIP C | 1000PF | K |
| C19 | | | CE04HW1E4R7M | NP-ELEC | 4.7UF | 25WV |
| C20 | | | CK73FB1E104K | CHIP C | 0.10UF | K |
| C21 ,22 | | | CQ93FMG1H113J | MYLAR | 0.011UF | J |
| C21 ,22 | | | CQ93FMG1H1163J | MYLAR | 0.016UF | J |
| C23 | | | CE04LW1H010M | ELECTRO | 1.0UF | 50WV |
| C25 | | | CE04LW1C100M | ELECTRO | 10UF | 16WV |
| C26 | | | CE04LW1C470M | ELECTRO | 47UF | 16WV |
| C27 | | | CE04LW1H010M | ELECTRO | 1.0UF | 50WV |
| C28 | | | CQ93FMG1H223J | MYLAR | 0.022UF | J |
| C29 | | | CE04LW1H2R2M | ELECTRO | 2.2UF | 50WV |
| C30 | | | CE04LW1C101M | ELECTRO | 100UF | 16WV |
| C31 | | | CE04LW1A470M | ELECTRO | 47UF | 10WV |
| C32 | | | CK73FB1H103K | CHIP C | 0.010UF | K |
| C33 | | | CC73FSL1H101J | CHIP C | 100PF | J |
| C34 ,35 | | | CK73FB1H102K | CHIP C | 1000PF | K |
| C36 | | | CC73FCH1H270J | CHIP C | 27PF | J |
| C37 | | | CC73FCH1H220J | CHIP C | 22PF | J |
| C38 | | | CK73FB1H471K | CHIP C | 470PF | K |
| C52 | | | CC73FCH1H470J | CHIP C | 47PF | J |
| C57 -60 | | | CE04LW1H010M | ELECTRO | 1.0UF | 50WV |
| C61 ,62 | | | CQ93FMG1H472J | MYLAR | 4700PF | J |
| C63 | | | CC73FCH1H220J | CHIP C | 22PF | J |
| C64 | | | CK73FB1H473K | CHIP C | 0.047UF | K |
| CN1 | | | E40-9831-05 | SOCKET FOR PIN ASSY | | |
| J1 | | | E20-0476-05 | LOCK TERMINAL BOARD(4P) | | |
| J1 | | | E70-0051-05 | LOCK TERMINAL BOARD | | |
| J2 | | | F10-0945-04 | SHIELDING PLATE | | |
| CF1 ,2 | | | L72-0531-05 | CERAMIC FILTER | | |
| CF3 | | | L72-0593-05 | CERAMIC FILTER | | |
| L1 | | | L39-1348-05 | COMBINATION COIL | | |
| L2 | | | L30-0911-05 | AM IFT | | |
| L3 ,4 | | | L40-1091-17 | SMALL FIXED INDUCTOR(1UH) | | |
| X1 | | | L77-1122-05 | CRYSTAL RESONATOR(7.2MHZ) | | |
| X2 | | | L78-0637-05 | RESONATOR (456KHZ) | | |
| R1 | | | RK73FB2A332J | CHIP R | 3.3K | J 1/10W |
| R2 | | | RK73FB2A681J | CHIP R | 680 | J 1/10W |
| R3 | | | RK73FB2A100J | CHIP R | 10 | J 1/10W |
| R4 ,5 | | | RK73FB2A331J | CHIP R | 330 | J 1/10W |
| R6 | | | RK73FB2A101J | CHIP R | 100 | J 1/10W |
| R7 | | | RK73FB2A473J | CHIP R | 47K | J 1/10W |
| R8 | | | RK73FB2A331J | CHIP R | 330 | J 1/10W |
| R13 | | | RK73FB2A333J | CHIP R | 33K | J 1/10W |
| R15 ,16 | | | RK73FB2A393J | CHIP R | 39K | J 1/10W |

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PARTS LIST

C-H5/H51/H5W/H6/H61/H6W/H7

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|-----------|----------|-----------|---------------|----------------------|--------------|----------|
| R17 | | | RK73FB2A271J | CHIP R 270 J 1/10W | | |
| R18 | | | RK73FB2A302J | CHIP R 3.0K J 1/10W | | |
| R19 | | | RK73FB2A822J | CHIP R 8.2K J 1/10W | | |
| R21 -23 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R24 | | | RK73FB2A562J | CHIP R 5.6K J 1/10W | | |
| Δ R25 | | | RD14NB2E101J | RD 100 J 1/4W | | |
| Δ R26 | | | RD14NB2E561J | RD 560 J 1/4W | | |
| R27 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R28 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R29 .30 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R31 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R32 | | | RK73FB2A122J | CHIP R 1.2K J 1/10W | | |
| R33 | | | RK73FB2A123J | CHIP R 12K J 1/10W | | |
| R41 | | | RS14KB3A181J | FL-PROOF RS 180 J 1W | | |
| R42 | | | RD14NB2E820J | RD 82 J 1/4W | | |
| Δ R43 | | | RD14NB2E221J | RD 220 J 1/4W | | |
| R44 | | | RK73FB2A101J | CHIP R 100 J 1/10W | | |
| R46 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R47 | | | RK73FB2A153J | CHIP R 15K J 1/10W | | |
| R48 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R49 | | | RK73FB2A473J | CHIP R 47K J 1/10W | YMI | |
| R50 | | | RK73FB2A471J | CHIP R 470 J 1/10W | YMI | |
| R51 -54 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R55 .56 | | | RK73FB2A154J | CHIP R 150K J 1/10W | | |
| R59 .60 | | | RK73FB2A332J | CHIP R 3.3K J 1/10W | | |
| W101-106 | | | R92-0670-05 | CHIP R 0 OHM | | |
| W108-114 | | | R92-0670-05 | CHIP R 0 OHM | | |
| W115 | | | R92-0670-05 | CHIP R 0 OHM | YMI | |
| W117, 118 | | | R92-0670-05 | CHIP R 0 OHM | | |
| W119 | | | R92-0670-05 | CHIP R 0 OHM | YMI | |
| W203-208 | | | R92-0679-05 | CHIP R 0 OHM | | |
| W210,211 | | | R92-0679-05 | CHIP R 0 OHM | | |
| S1 | | | S62-0034-05 | SLIDE SWITCH | YMI | |
| D1 .2 | | | HSS104 | DIODE | | |
| D1 .2 | | | 1SS133 | DIODE | | |
| D3 .4 | | | MTZJ5.1(B) | ZENER DIODE | | |
| D3 .4 | | | UZ-5.1BSB | ZENER DIODE | | |
| D8 | | | HSS104 | DIODE | | |
| D8 | | | 1SS133 | DIODE | | |
| D10 | | | MA111 | DIODE | | |
| IC1 | | | LA1832 | ANALOGUE IC | | |
| IC2 | | | LC72131 | MOS-IC | | |
| IC4 | | | NJM4565M | IC(OP AMP X2) | | |
| Q1 | | | 2SC2714(R,O) | TRANSISTOR | | |
| Q3 | | | 2SA1576A(R,S) | TRANSISTOR | | |
| Q3 | | | 2SB1218A(Q,R) | TRANSISTOR | | |
| Q5 | | | 2SC4081(R,S) | TRANSISTOR | | |
| Q5 | | | 2SD1819A(Q,R) | TRANSISTOR | | |
| Q9 .10 | | | 2SC4081(R,S) | TRANSISTOR | YMI | |
| Q9 .10 | | | 2SD1819A(Q,R) | TRANSISTOR | YMI | |
| A1 | | | W02-2539-05 | FM FRONT-END ASSY | | |

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|------------------------------|----------|-----------|----------------|----------------------|--------------|----------|
| CONTROL (X11-3700-00) | | | | | | |
| D232,233 | | | B30-2494-05 | LED(GRN) | | |
| C1 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C2 | | | CE04KW1E222M | ELECTRO 2200UF 25WV | | |
| C3 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C4 | | | C90-3264-05 | ELECTRO 470UF 6.3WV | | |
| C5 | | | CK45FF1H103ZMU | CERAMIC 0.010UF Z | | |
| C6 | | | CK45FB1H152KMU | CERAMIC 1500PF K | | |
| C7 | | | C90-3730-05 | ELECTRO 120UF 35WV | | |
| C8 | | | CE04KW1E222M | ELECTRO 2200UF 25WV | | |
| C9 | | | CE04KW1E102M | ELECTRO 1000UF 25WV | | |
| C10 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C11 | 67 | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C12,13 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C14 | | | CQ93FMG1H103J | MYLAR 0.010UF J | | |
| C15 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C16 | | | CF92FV1H124J | MF-C 0.12UF J | | |
| C17 | | | CE04KW1C101M | ELECTRO 100UF 16WV | | |
| C18-20 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C21-26 | | | CE04KW1V4R7M | ELECTRO 4.7UF 35WV | | |
| C27,28 | | | CE04KW1V220M | ELECTRO 22UF 35WV | | |
| C29 | | | CE04KW1C221M | ELECTRO 220UF 16WV | | |
| C30-32 | | | CC45FSL1H101JM | CERAMIC 100PF J | | |
| C33-36 | | | CE04KW1V4R7M | ELECTRO 4.7UF 35WV | | |
| C37-40 | 5 | | CE04KW1H0R1M | ELECTRO 0.1UF 50WV | | |
| C41,42 | 5 | | CQ93FMG1H223J | MYLAR 0.022UF J | | |
| C43,44 | 5 | | CQ93FMG1H183J | MYLAR 0.018UF J | | |
| C45 | | | CE04KW1H4R7M | ELECTRO 4.7UF 50WV | | |
| C46 | | | CE04KW1V471M | ELECTRO 470UF 35WV | | |
| C48 | | | CE04KW1H0R1M | ELECTRO 0.1UF 50WV | | |
| C51 | | | CQ93FMG1H472J | MYLAR 4700PF J | | |
| C52,53 | | | CF92FV1H474J | MF-C 0.47UF J | | |
| C54,55 | 5 | | CQ93FMG1H562J | MYLAR 5600PF J | | |
| C56,57 | | | CC45FSL1H101JM | CERAMIC 100PF J | | |
| C58 | 56 | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C59 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C60 | 56 | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C61 | | | CE04KW1V470M | ELECTRO 47UF 35WV | | |
| C62 | 56 | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C63-66 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C67,68 | | | CE04KW1V220M | ELECTRO 22UF 35WV | | |
| C69,70 | | | CQ93FMG1H103J | MYLAR 0.010UF J | | |
| C71,72 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C73 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C74 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C75 | | | CE04HW1H2R2M | NP-ELEC 2.2UF 50WV | | KMYIQ |
| C76 | | | C90-3307-05 | ELECTRO 470UF 35WV | | |
| C77 | | | C90-3265-05 | ELECTRO 1000UF 6.3WV | | |
| C79,80 | | | CC45FSL1H221JM | CERAMIC 220PF J | | |
| C83,84 | | | CC45FSL1H221JM | CERAMIC 220PF J | | |
| C87,94 | | | CC45FSL1H221JM | CERAMIC 220PF J | | |
| C97,98 | | | CC45FSL1H221JM | CERAMIC 220PF J | | |
| C103,104 | | | CC45FSL1H221JM | CERAMIC 220PF J | | |

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|----------|---------|-----------|----------------|---------------------|--------------|----------|
| C105,106 | | | CK45FB1H102KMU | CERAMIC 1000PF K | | |
| C107 | | | CC45FSL1H221JM | CERAMIC 220PF J | | |
| C108 | | | CF92FV1H124J | MF-C 0.12UF J | | |
| C109-112 | | | CC45FSL1H101JM | CERAMIC 100PF J | | |
| C113 | | | CK45FB1H102KMU | CERAMIC 1000PF K | | |
| C114 | 67 | | CE04KW1H4R7M | ELECTRO 4.7UF 50WV | | |
| C115,116 | 67 | | CF92FV1H224J | MF-C 0.22UF J | | |
| C117,118 | 67 | | CF92FV1H184J | MF-C 0.18UF J | | |
| C119-122 | 67 | | CQ93FMG1H104J | MYLAR 0.10UF J | | |
| C123-126 | 67 | | CQ93FMG1H333J | MYLAR 0.033UF J | | |
| C127,128 | 67 | | CQ93FMG1H123J | MYLAR 0.012UF J | | |
| C129,130 | 67 | | CQ93FMG1H153J | MYLAR 0.015UF J | | |
| C131-134 | 67 | | CQ93FMG1H682J | MYLAR 6800PF J | | |
| C135-138 | 67 | | CK45FB1H222KMU | CERAMIC 2200PF K | | |
| C139-142 | 67 | | CK45FB1H821KMU | CERAMIC 820PF K | | |
| C143,144 | 67 | | CE04KW1H4R7M | ELECTRO 4.7UF 50WV | | |
| C145,146 | 67 | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C149 | 67 | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C150 | | | CC45FSL1H221JM | CERAMIC 220PF J | | |
| C151,152 | | | CK45FB1H102KMU | CERAMIC 1000PF K | | |
| C153,154 | | | CK45FB1H471KMU | CERAMIC 470PF K | | |
| C155-158 | | | CC45FSL1H101JM | CERAMIC 100PF J | | |
| C201 | | | CK45FF1H103ZMU | CERAMIC 0.010UF Z | | |
| C202 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C204 | | | CE04KW0J331M | ELECTRO 330UF 6.3WV | | |
| C205 | | | CE04KW1A101M | ELECTRO 100UF 10WV | | |
| C209,210 | | | CC45FCH1H180J | CERAMIC 18PF J | | |
| C211 | | | CK45FF1H103ZMU | CERAMIC 0.010UF Z | | |
| C212 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C213 | | | C90-3214-05 | ELECTRO 100UF 6.3WV | | |
| C214 | | | CE04KW1A101M | ELECTRO 100UF 10WV | | |
| C215 | | | CE04KW1H0R1M | ELECTRO 0.1UF 50WV | | |
| C216 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C217 | | | C90-3225-05 | ELECTRO 10UF 16WV | | |
| C218 | | | CK45FB1H561KMU | CERAMIC 560PF K | EQT | |
| C219 | | | CE04KW1V470M | ELECTRO 47UF 35WV | EQT | |
| C221,222 | | | CK45FF1H103ZMU | CERAMIC 0.010UF Z | EQT | |
| C223,224 | | | CC45FCH1H470J | CERAMIC 47PF J | EQT | |
| C225,226 | | | CE04KW1H0R1M | ELECTRO 0.1UF 50WV | | |
| C232 | | | CK45FB1H561KMU | CERAMIC 560PF K | | |
| C234 | | | CF92FV1H124J | MF-C 0.12UF J | | |
| C235 | | | CC45FSL1H331JM | CERAMIC 330PF J | EQT | |
| C236 | | | CE04KW1H4R7M | ELECTRO 4.7UF 50WV | EQT | |
| C237 | | | CQ93FMG1H472J | MYLAR 4700PF J | | |
| C320 | | | CK45FF1H103ZMU | CERAMIC 0.010UF Z | EQT | |
| C401 | | | CC45FSL1H331JM | CERAMIC 330PF J | KYMI | |
| C402 | | | CK45FF1H103ZMU | CERAMIC 0.010UF Z | KYMI | |
| C403 | | | CQ93FMG1H153J | MYLAR 0.015UF J | KYMI | |
| C405 | | | CE04KW1H4R7M | ELECTRO 4.7UF 50WV | KYMI | |
| C406 | | | CK45FB1H102KMU | CERAMIC 1000PF K | KYMI | |
| C407 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | KYMI | |
| C408 | | | CC45FSL1H101JM | CERAMIC 100PF J | KYMI | |
| C409,410 | | | CE04KW1C470M | ELECTRO 47UF 16WV | KYMI | |
| C411 | 56 | | CE04KW1H010M | ELECTRO 1.0UF 50WV | YMI | |
| C412 | 56 | | CE04KW1H100M | ELECTRO 10UF 50WV | YMI | |

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|----------|---------|-----------|----------------|---------------------------------|--------------|----------|
| C413 | 56 | | CE04KW1A101M | ELECTRO 100UF 10WV | YMI | |
| C414,415 | | | CE04KW1V220M | ELECTRO 22UF 35WV | YMI | |
| C416 | 56 | | CQ93FMG1H103J | MYLAR 0.010UF J | YMI | |
| C417 | 56 | | CF92FV1H474J | MF-C 0.47UF J | YMI | |
| C418 | 56 | | CQ93FMG1H103J | MYLAR 0.010UF J | YMI | |
| C419 | 56 | | CK45FB1H332K | CERAMIC 3300PF K | YMI | |
| C420 | 56 | | CQ93FMG1H472J | MYLAR 4700PF J | YMI | |
| C421 | 56 | | CQ93FMG1H103J | MYLAR 0.010UF J | YMI | |
| C422 | 56 | | CQ93FMG1H123J | MYLAR 0.012UF J | YMI | |
| C423 | 56 | | CE04KW1H010M | ELECTRO 1.0UF 50WV | YMI | |
| C424 | 56 | | CE04KW1V220M | ELECTRO 22UF 35WV | YMI | |
| C425 | | | CC45FSL1H331JM | CERAMIC 330PF J | KMYI | |
| C426 | 56 | | CC45FSL1H101JM | CERAMIC 100PF J | YMI | |
| CN1,2 | | | E40-4892-05 | FLAT CABLE CONNECTOR | KMYI | |
| CN3,4 | | | E40-4926-05 | FLAT CABLE CONNECTOR | | |
| CN5 | | | E40-9848-05 | PIN ASSY | KEYMIT | |
| CN6 | 56 | | E40-3246-05 | PIN ASSY | YMI | |
| J1 | | | E63-0047-15 | PHONO JACK | | |
| J2 | | | E58-0006-05 | RECTANGULAR RECEPTACLE | | |
| J3 | | | E58-0016-05 | RECTANGULAR RECEPTACLE | | |
| J4,5 | | | E11-0336-05 | PHONE JACK | | |
| W1,-25 | 57 | | E31-0001-00 | JUMPER WIRE | | |
| W7,-18 | 6 | | E31-0001-00 | JUMPER WIRE | | |
| W19 | 6 | | E31-0001-00 | JUMPER WIRE | YMI | |
| W20-25 | 6 | | E31-0001-00 | JUMPER WIRE | | |
| W26 | 56 | | E31-0001-00 | JUMPER WIRE | QYMI | |
| W102-105 | 57 | | E31-0001-00 | JUMPER WIRE | | |
| W103-105 | 6 | | E31-0001-00 | JUMPER WIRE | | |
| W107-115 | 7 | | E31-0001-00 | JUMPER WIRE | | |
| W116 | 56 | | E31-0001-00 | JUMPER WIRE | QMIY | |
| W209,210 | 67 | | E31-0001-00 | JUMPER WIRE | | |
| W209,210 | 7 | | E31-0001-00 | JUMPER WIRE | | |
| W226,227 | 7 | | E31-0001-00 | JUMPER WIRE | | |
| J6 | | | F10-0977-14 | SHIELDING PLATE | | |
| L1 | | | L40-1091-17 | SMALL FIXED INDUCTOR(1UH) | EQT | |
| L2 | | | L40-1001-17 | SMALL FIXED INDUCTOR(10UH,K) | EQT | |
| L3 | | | L19-0083-05 | TRANSFORMER FOR CONVERTER | | |
| L4,5 | | | L92-0054-05 | FERRITE CORE | | |
| X1 | Δ | | L78-0605-05 | RESONATOR (8.38MHZ) | | |
| X2 | Δ | | L77-2213-05 | CRYSTAL RESONATOR(32.768KHZ) | | |
| X3 | | | L77-2002-05 | CRYSTAL RESONATOR(4.332MHZ) EQT | | |
| CP1 | | | R90-0479-05 | MULTI-COMP 100KX12 | | |
| CP2 | | | R90-0850-05 | MULTI-COMP 100KX3 J 1/6W | | |
| R2 | | | RS14KB3D180J | FL-PROOF RS 18 J 2W | | |
| R15,16 | Δ | | RD14NB2E4R7J | RD 4.7 J 1/4W | | |
| R20 | Δ | | RS14KB3D3R3J | FL-PROOF RS 3.3 J 2W | | |
| R22 | 7 | | RD14BB2C104J | RD 100K J 1/6W | | |
| R35,36 | 5 | | RD14BB2C153J | RD 15K J 1/6W | | |
| R37,38 | 5 | | RD14BB2C272J | RD 2.7K J 1/6W | | |
| R50 | | | RD14NB2E820J | RD 82 J 1/4W | | |
| R65 | | | RS14KB3DR22J | FL-PROOF RS 0.22 J 2W | | |
| R78,79 | | | RD14NB2E820J | RD 82 J 1/4W | | |
| R82 | 56 | | RD14BB2C104J | RD 100K J 1/6W | | |

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Δ indicates safety critical components.

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| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|---------------|-------------------|--------------|----------|
| R83 -85 | 56 | | RD14BB2C103J | RD 10K J 1/6W | | |
| R86 | 56 | | RD14BB2C222J | RD 2.2K J 1/6W | | |
| R87 | 56 | | RD14BB2C102J | RD 1.0K J 1/6W | | |
| R89 ,90 | 56 | | RD14BB2C103J | RD 10K J 1/6W | | |
| R146 | 67 | | RD14BB2C152J | RD 1.5K J 1/6W | | |
| R149,150 | 67 | | RD14BB2C104J | RD 100K J 1/6W | | |
| R157,158 | 67 | | RD14BB2C104J | RD 100K J 1/6W | | |
| R217 | | | R92-1855-05 | RD 10M J 1/6W | | |
| R241-243 | 67 | | RD14BB2C104J | RD 100K J 1/6W | | |
| R326-328 | 67 | | RD14BB2C102J | RD 1.0K J 1/6W | | |
| R332 | | | RN14BK2C1002F | RN 10.0K F 1/6W | | |
| R410 | 56 | | RD14BB2C682J | RD 6.8K J 1/6W | YMI | |
| R416 | 56 | | RD14BB2C473J | RD 47K J 1/6W | YMI | |
| R417 | 56 | | RD14BB2C393J | RD 39K J 1/6W | YMI | |
| R418 | 56 | | RD14BB2C223J | RD 22K J 1/6W | YMI | |
| R419 | 56 | | RD14BB2C683J | RD 68K J 1/6W | YMI | |
| R420 | 56 | | RD14BB2C472J | RD 4.7K J 1/6W | YMI | |
| R421 | 56 | | RD14BB2C103J | RD 10K J 1/6W | YMI | |
| R422 | 56 | | RD14BB2C153J | RD 15K J 1/6W | YMI | |
| R423 | 56 | | RD14BB2C103J | RD 10K J 1/6W | YMI | |
| R424 | 56 | | RD14BB2C822J | RD 8.2K J 1/6W | YMI | |
| R425,426 | 56 | | RD14BB2C223J | RD 22K J 1/6W | YMI | |
| R427 | 56 | | RD14BB2C103J | RD 10K J 1/6W | YMI | |
| R430 | 56 | | RD14BB2C471J | RD 470 J 1/6W | YMI | |
| R433 | 56 | | RD14BB2C104J | RD 100K J 1/6W | YMI | |
| VR1 | | | R31-0065-05 | VARIABLE RESISTOR | | |
| S1 -14 | | | S70-0031-05 | TACT SWITCH | | |
| D1 | | | HSS104A | DIODE | | |
| D1 | | | 1SS131 | DIODE | | |
| D2 -4 | | | S5688B | DIODE | | |
| D2 -4 | | | 1SR139-400 | DIODE | | |
| D5 | | | MTZJ6.2(B) | ZENER DIODE | | |
| D5 | | | UZ-6.2BSB | ZENER DIODE | | |
| D6 | | | MTZJ11(B) | ZENER DIODE | | |
| D6 | | | UZ-11BSB | ZENER DIODE | | |
| D7 | | | MTZJ16(B) | ZENER DIODE | | |
| D7 | | | UZ-16BSB | ZENER DIODE | | |
| D8 | | | D1NL20U | DIODE | | |
| D9 | | | MTZJ11(B) | ZENER DIODE | | |
| D9 | | | UZ-11BSB | ZENER DIODE | | |
| D10 | 67 | | MTZJ4.7(B) | ZENER DIODE | | |
| D10 | 67 | | UZ-4.7BSB | ZENER DIODE | | |
| D11 -14 | 56 | | HSS104A | DIODE | | |
| D11 -14 | 56 | | 1SS131 | DIODE | | |
| D16 | | | MTZJ3.9(B) | ZENER DIODE | | |
| D16 | | | UZ-3.9BSB | ZENER DIODE | | |
| D17 | 56 | | MTZJ4.7(B) | ZENER DIODE | | |
| D17 | 56 | | UZ-4.7BSB | ZENER DIODE | | |
| D18 | | | MTZJ6.2(B) | ZENER DIODE | | |
| D18 | | | UZ-6.2BSB | ZENER DIODE | | |
| D19 | | | MTZJ4.7(B) | ZENER DIODE | | |
| D19 | | | UZ-4.7BSB | ZENER DIODE | | |
| D20 ,21 | | | HSS104A | DIODE | | |

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|----------|----------|-----------|----------------|------------------------|--------------|----------|
| D20 ,21 | | | 1SS131 | DIODE | | |
| D22 | | | MTZJ16(B) | ZENER DIODE | | |
| D22 | | | UZ-16BSB | ZENER DIODE | | |
| D23 | | | MTZJ4.7(B) | ZENER DIODE | | |
| D23 | | | UZ-4.7BSB | ZENER DIODE | | |
| D24 | | | HSS104A | DIODE | | |
| D24 | | | 1SS131 | DIODE | | |
| D201-209 | | | HSS104A | DIODE | | |
| D201-209 | | | 1SS131 | DIODE | | |
| D211-223 | | | HSS104A | DIODE | | |
| D211-223 | | | 1SS131 | DIODE | | |
| D225 | | | HSS104A | DIODE | | YMI |
| D225 | | | 1SS131 | DIODE | | YMI |
| D226 | 5 | | HSS104A | DIODE | | |
| D226 | 5 | | 1SS131 | DIODE | | |
| D227 | 6 | | HSS104A | DIODE | | |
| D227 | 6 | | 1SS131 | DIODE | | |
| D228 | 7 | | HSS104A | DIODE | | KM |
| D228 | 7 | | 1SS131 | DIODE | | KM |
| D229 | 7 | | HSS104A | DIODE | | TEQ |
| D229 | 7 | | 1SS131 | DIODE | | TEQ |
| D230 | | | HSS104A | DIODE | | TQ |
| D230 | | | 1SS131 | DIODE | | TQ |
| D231 | | | HSS104A | DIODE | | KMYIEQ |
| D231 | | | 1SS131 | DIODE | | KMYIEQ |
| D234-237 | | | HSS104A | DIODE | | |
| D234-237 | | | 1SS131 | DIODE | | |
| D239,240 | | | HSS104A | DIODE | | |
| D239,240 | | | 1SS131 | DIODE | | |
| D401,402 | | | HSS104A | DIODE | | |
| D401,402 | | | 1SS131 | DIODE | | |
| D404,405 | | | MTZJ2.0(B) | ZENER DIODE | | |
| D404,405 | | | UZ-2.0BSB | ZENER DIODE | | |
| D406 | | | MTZJ4.7(B) | ZENER DIODE | | |
| D406 | | | UZ-4.7BSB | ZENER DIODE | | |
| D407-410 | | | MTZJ3.9(B) | ZENER DIODE | | |
| D407-410 | | | UZ-3.9BSB | ZENER DIODE | | |
| ED2 | | | BJ510GK | INDICATOR TUBE | | |
| IC1 | | | TDA7466 | ANALOGUE IC | | |
| IC2 | | | BU4052BC | MOS-IC | | |
| IC2 | | | TC4052BP | IC(4CH MPX/DE-MPX) | | |
| IC3 | | | BU4066BC | ANALOGUE IC | | |
| IC3 | | | TC4066BP | IC(ANALOG/ DIGITAL SW) | | |
| IC4 ,5 | | | NJM4580D-D | IC(OP AMP X2) | | |
| IC6 | | | BA15218-DX | IC(OP AMP X2) | | |
| IC8 | 6 | | M62431FP | ANALOGUE IC | | |
| IC201 | | | M38198MCA803FP | MI-COM IC | | |
| IC202 | | | S-806D-Z | ANALOGUE IC | | |
| IC203 | | | BA3834S | ANALOGUE IC | | |
| IC204 | | | SAA6579 | ANALOGUE IC | | EQT |
| IC205 | 56 | | BU9253AS | MOS-IC | | YMI |
| IC206 | | | NJM4565L-D | ANALOGUE IC | | YMI |
| Q1 | | | 2SD2012 | TRANSISTOR | | |
| Q1 | | | 2SD2061 | TRANSISTOR | | |
| Q2 | | | 2SC1740S(Q,R) | TRANSISTOR | | |

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PARTS LIST

C-H5/H51/H5W/H6/H61/H6W/H7

C-H5/H51/H5W/H6/H61/H6W/H7

PARTS LIST

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|----------|----------|-----------|---------------|-------------------------|--------------|----------|
| Q2 | | | 2SC2785(FE) | TRANSISTOR | | |
| Q3 | | | 2SA954(L,K) | TRANSISTOR | | |
| Q4 | | | 2SA1175(FE) | TRANSISTOR | | |
| Q5 | | | 2SA933AS(Q,R) | TRANSISTOR | | |
| Q6 | | | 2SD2137(P) | TRANSISTOR | | |
| Q7 | | | 2SD2525 | TRANSISTOR | | |
| Q8 | | | 2SA1534A(R,S) | DIGITAL TRANSISTOR | | |
| Q9 | | | DTC113ZSA | DIGITAL TRANSISTOR | | |
| Q10 | | | UN4219 | TRANSISTOR | | |
| Q11 | | | 2SA1175(FE) | TRANSISTOR | | |
| Q12 | | | 2SA933AS(Q,R) | TRANSISTOR | | |
| Q13 | | | 2SC3940A(R,S) | TRANSISTOR | | |
| Q14 | | | 2SB1168(S,T) | TRANSISTOR | | |
| Q15 | | | 2SC1740S(Q,R) | TRANSISTOR | | |
| Q16 | | | 2SC2785(FE) | TRANSISTOR | | |
| Q17 | | | 2SA1175(FE) | TRANSISTOR | | |
| Q201-203 | | | 2SA933AS(Q,R) | TRANSISTOR | | |
| Q204 | | | 2SC3940A(R,S) | TRANSISTOR | | |
| Q205-207 | | 67 | 2SA1175(FE) | TRANSISTOR | YMI | |
| Q208 | | | 2SC1740S(Q,R) | TRANSISTOR | YMI | |
| Q209 | | 67 | 2SC2785(FE) | TRANSISTOR | | |
| Q210 | | | 2SC1740S(Q,R) | TRANSISTOR | | |
| Q211 | | | 2SC2785(FE) | TRANSISTOR | | |
| A1 | | | W02-2561-05 | ELECTRIC CIRCUIT MODULE | | |

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SPECIFICATIONS

[FM Tuner section]

Tuning frequency range87.5 MHz ~ 108MHz
Sensitivity (DIN at 75 Ω)
MONO.....1.8μV / 16.2 dBf

[MW (AM) Tuner section]

Tuning frequency range531 kHz ~ 1,602 kHz

[LW Tuner section]

Tuning frequency range153 kHz ~ 279 kHz

[Amplifier section]

Signal to noise ratio
Line (AUX).....90 dB (1HF'A)

Input sensitivity / Impedance

Line (AUX, MD)
.....200 mV / 47 kΩ (SOURCE DIRECT ON)

Output level / Impedance

SUPER WOOFER PRE OUT
.....2.0 V / 2.2 kΩ (SOURCE DIRECT ON)
TAPE or MD REC200 mV / 2.2 kΩ

[General]

Dimension.....W : 270 mm
H : 119 mm
D : 322 mm
Weight (net)2.1 kg



1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Sufficient performance may not be exhibited at extremely cold locations (where water freezes).

Note:

Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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