TUNER AMP ASSY

FM/AM TUNER UNIT
EW, IT:CWE1416
GR:CWE1420

AM:-25.7dBs
FM:-15.7dBs

ELECTRONIC VOLUME

IC451 SN761025DL

TAPE:-3.3dBs
AM:-1.3dBs
FM:+8.7dBs

POWER AMP

TAPE:+22.7dBs
AM:+24.7dBs
FM:+34.7dBs

8.5V SWITCH

TAPE:-27.7dBs

MUTE

AUDIO REGULATOR

RESET

MICRO COMPUTER REGULATOR

ACC SENSE

BU SENSE

POWER SWITCH

MUTE SENSE

PLL IC

RDS DECODER

IC701 PM4006A

SYSTEM CONTROLLER
IC601
PD4638A

EQUALIZER IC

TAPE:-23.1dBs

IC251 LA3161P

TAPE:-72.6dBs

CASSETTE P.C.BOARD

5V SWITCH

MECHANISM +B SWITCH

IC901
PD6173A
KEY/LCD DRIVER

LCD901 CAW1341

KEY BOARD UNIT

The Δmark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

NOTE
* PARTS.NO TYPE A,B
# PARTS.NO TYPE C

APPLICATION

TYPE	MODEL NAME
A	KEH-2300R /X1M/EW /X1MA/EW /X1IN/EW
B	KEH-2400R /X1M/IT /X1MA/IT /X1IN/IT
C	KEH-2100R /X1M/GR /X1MA/GR /X1IN/GR

NOTE:
Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.
Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as
2.2→2R2
0.022→R022

Fig. 7

TUNER AMP ASSY

26 AM ANT
25 FM ANT
24 RF GND
23 LOC.L
22 LOC.H
21 FM Vcc
20 AM TV
19 FM TV
18 AM SL
17 VCO
16 VCO GND
15 AM IFC
14 AM Vcc
13 Vcc
12 SEEK
11 AF GND
10 AM ST
9 FM SL
8 Rch
7 Lch
6 FM SD
5 GATE DRIVE
4 MONO/REQ
3 ST
2 COMP
1 AF GND

FM FRONT END

AM OSC

FM OSC

AM DET

AM AF OUT

AM 2ND IF(450KHz)

FM MPX

PNS

AM RF

IC1 PA4023A

IC2 PA4024A

FM IF

FM IF(10.7MHz)
AM 1ST IF(10.71MHz)

——— FM SIGNAL
- - - - - AM SIGNAL

TUNER AMP ASSY

FM FRONT END

FM OSC

FM MPX

PNS

IC1 PA4023A

IC2 PA4024A

FM SIGNAL

FM IF (10.7MHz)

FM IF