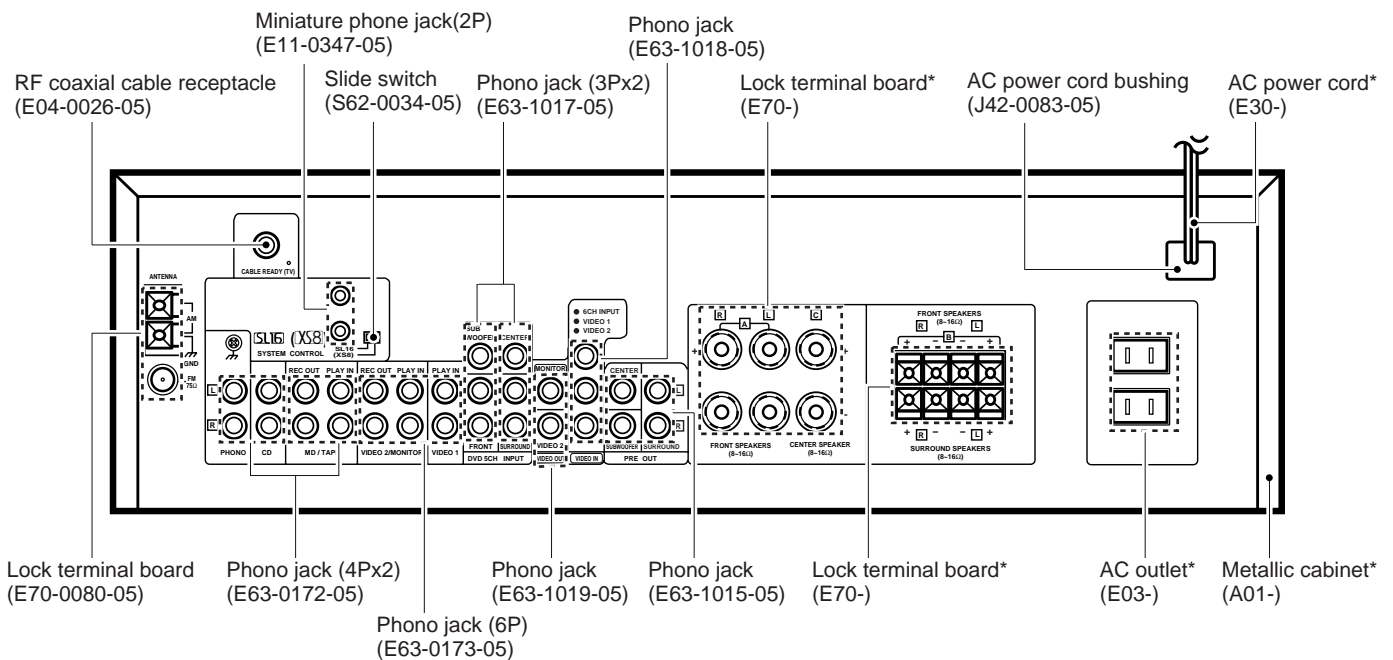
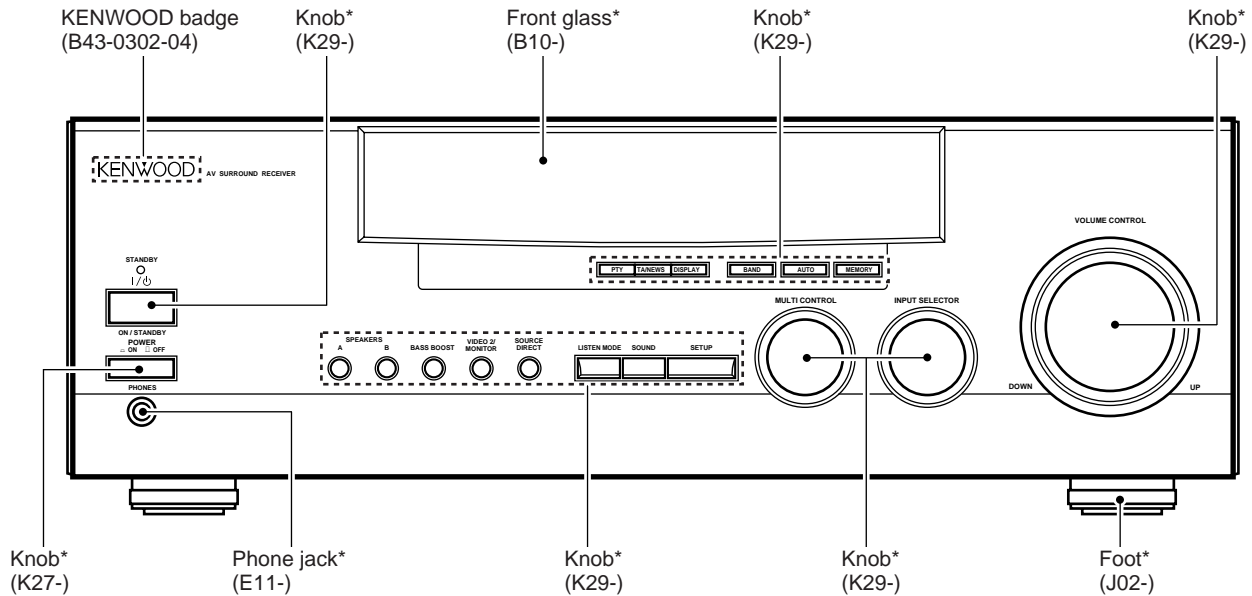


AUDIO VIDEO SURROUND RECEIVER
**KRF-V5010/V5010E/V5010W/
 V6010/V6010E/V6010W/
 V7010/V7010E/V7010W/
 VR-205/207/255/257**
SERVICE MANUAL

KENWOOD

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* Refer to parts list on page 33.




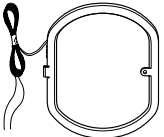
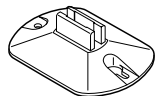
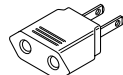
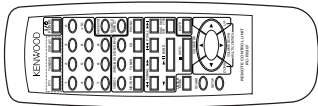
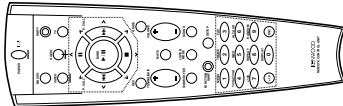
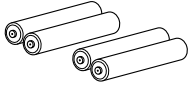
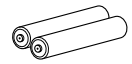
KRF-V5010/V6010/V7010/VR-205/206/207/255/257

CONTENTS / ACCESSORIES

Contents

| | | | |
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Accessories

| | | | |
|---|---|---|--|
| <p>FM indoor antenna (1) (T90-0836-05)</p>  | <p>AM loop antenna (1) (T90-0833-05)</p>  | <p>Loop antenna stand (1) (J19-3645-05)</p>  | <p>AC plug adaptor (1) (E03-0115-05)</p>  <p>*Use to adapt the plug on the power cord to the shape of the wall outlet. (Accessory only for regions where use is necessary.)</p> |
| <p>Remote control unit (1) RC-R0307/R0407</p>  | <p>Remote control unit (1) RC-R0507/R0607</p>  | <p>Batteries (R03/AAA) (4)</p>  | <p>Batteries (R06/AA) (2)</p>  |

Model name vs remote controller

| Remote controller | | Model name | Destination | Battery cover |
|-------------------|------------|------------|-------------|---------------|
| Parts number | Model name | | | |
| A70-1194-05 | RC-R0607 | VR-207 | KP1 | A09-0366-08 |
| | | VR-257 | K1P2 | |
| | | VR-255 | K1P2 | |
| | | KRF-V7010 | Y1M1 | |
| A70-1195-05 | RC-R0507 | KRF-V7010 | X1E1T1 | |
| | | KRF-V7010W | Q1 | |
| | | KRF-V7010E | E2 | |
| A70-1196-05 | RC-R0307 | KRF-V6010 | E | |
| | | KRF-V6010W | Q1 | |
| | | KRF-V6010E | E1 | |
| | | KRF-V5010 | E1T1 | |
| | | KRF-V5010W | Q1 | |
| | | KRF-V5010E | E2 | |
| A70-1199-05 | RC-R0407 | VR-206 | K2P3 | |
| | | KRF-V6010 | M1X1 | |
| | | VR-205 | KP1 | |
| | | KRF-V5010 | Y1M1X1 | |

Resetting the Microcomputer

If the microcomputer may malfunction (unit cannot be operated, or shows an erroneous display) if the power cord is unplugged while the power is ON, or due to some other external factor. If this happens, execute the following procedure to reset the microcomputer and return the unit to its normal operating condition.

For U.S.A. and Canada

Unplug the power cord from the wall outlet, then plug it back in while holding down the POWER key.

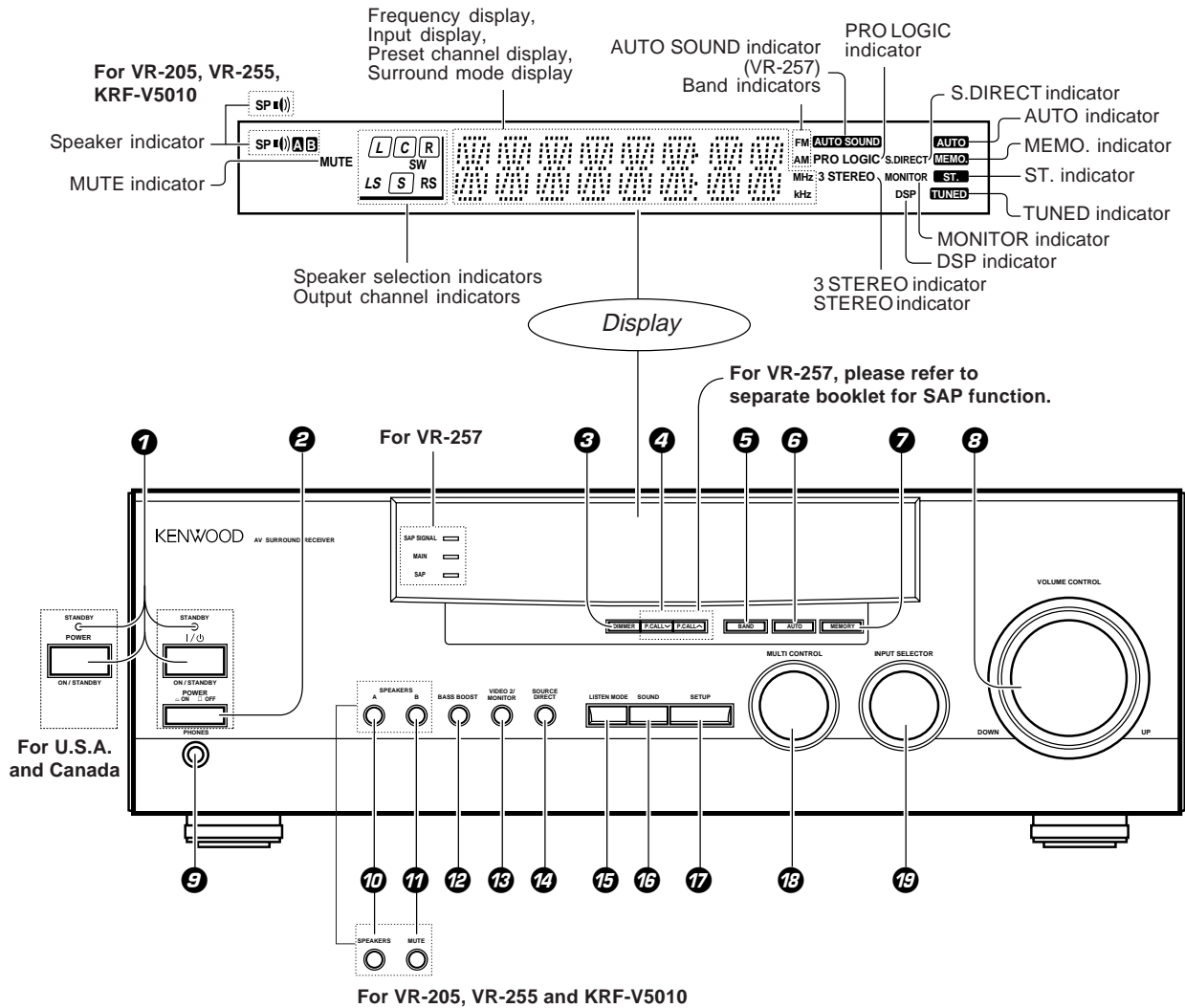
For other countries

With the power cord plugged in, turn the POWER key OFF. Then, while holding down the ON/STANDBY key, press POWER.

- Please note that resetting the microcomputer will clear the contents of the memory and returns the unit to the state it was in when it left the factory.

KRF-V5010/V6010/V7010/VR-205/206/207/255/257

CONTROLS



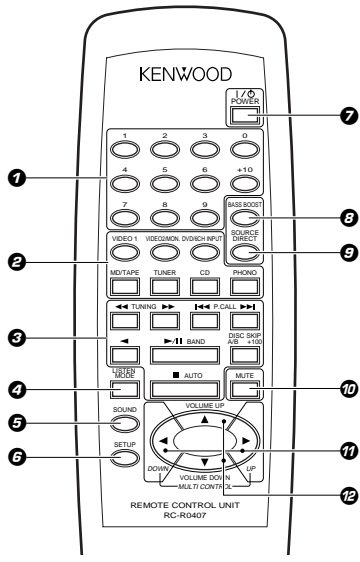
- 1 POWER key**
(For U.S.A. and Canada)
Use to turn the power ON/OFF.
STANDBY indicator
- 1 ON/STANDBY (1/0) key**
(Except for U.S.A. and Canada)
Use to switch the power ON/STANDBY when the POWER is turned ON.
STANDBY indicator
- 2 POWER key**
(Except for U.S.A. and Canada)
- 3 DIMMER key**
Use to adjust the brightness of the display.
- 4 P.CALL keys (Except for VR-257)**
Use to call up previously registered radio stations.
- 5 BAND key**
Use to select the broadcast band.
- 6 AUTO key**
Use to select the auto tuning mode.
- 7 MEMORY key**
Use to store radio stations in the preset memory.
- 8 VOLUME CONTROL knob**
- 9 PHONES jack**
Use for headphone listening.
- 10 SPEAKERS A key**
Use to turn speaker system A on and off.
SPEAKERS key (VR-205, VR-255, KRF-V5010)
Use to turn the speakers on and off.
- 11 SPEAKERS B key**
Use to turn speaker system B on and off.
MUTE key (VR-205, VR-255, KRF-V5010)
Use to temporarily mute the sound.
- 12 BASS BOOST key**
Use to select the maximum adjustment setting for the low frequency range.
- 13 VIDEO 2/MONITOR key**
- 14 SOURCE DIRECT key**
- 15 LISTEN MODE key**
Use to select the listening mode.
- 16 SOUND key**
Use to adjust the sound quality and ambience effects.
- 17 SETUP key**
Use to select the surround sound settings.
- 18 MULTI CONTROL knob**
Used to make a variety of settings.
- 19 INPUT SELECTOR knob**
Use to select the input sources.

About the STANDBY indicator

This unit has a STANDBY indicator. When the STANDBY indicator is lit, the unit consumes a small amount of power to preserve the memory. This is called STANDBY mode. This mode also lets you turn the power ON using the remote control.

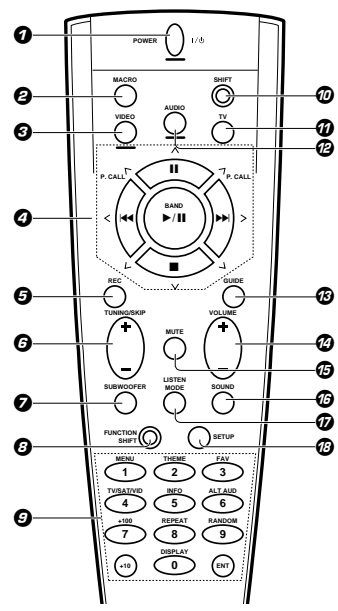
CONTROLS

Remote control unit (RC-R0407)



- 1 Numeric keys**
If CD or MD is selected as the input source, these keys function as numeric keys. If tuner is selected as the input source, these keys are used to call up station presets.
- 2 Input selector keys**
Use to select the receiver's input source.
- 3 Component operation keys**
Use these keys to operate other components with system control connections to the receiver.
TUNING (◀▶) keys
If tuner is selected as the input source, these keys function as tuning keys.
If CD or MD is selected as the input source, these keys function as search keys.
P.CALL (◀▶) keys
If tuner is selected as the input source, these keys function as P.CALL keys.
If CD or MD is selected as the input source, these keys function as skip keys.
- 4 BAND (▶||) key**
If tuner is selected as the input source, this key functions as the band selector key.
If CD is selected as the input source, this key functions as the play/pause key.
If MD is selected as the input source, this key functions as the play key.
DISC SKIP, A/B, +100 key
If CD is selected as the input source, this key functions as the multi-CD player disc skip key.
If TAPE is selected as the input source, this key is used to switch between the two decks (A and B) of a double cassette deck.
AUTO key
If tuner is selected as the input source, this key functions as the AUTO key.
If CD or MD is selected as the input source, this key functions as the stop key.
- 5 ▶ key**
If tape is selected as the input source, this key functions as the play key for side B of the cassette (the side facing away from the front of the deck).
- 6 BASS BOOST key**
Use to select the maximum adjustment setting for the low frequency range.
- 7 LISTEN MODE key**
Use to select the listening mode.
- 8 SOUND key**
Use to adjust the sound quality and ambience effects.
- 9 SETUP key**
Use to select the surround sound settings.
- 10 POWER key**
Use to switch the power ON/STANDBY when the POWER is turned ON.
- 11 SOURCE DIRECT key**
Use to temporarily mute the sound.
- 12 MUTE key**
Use to temporarily mute the sound.

Remote control unit (RC-R0607, RC-R0507)

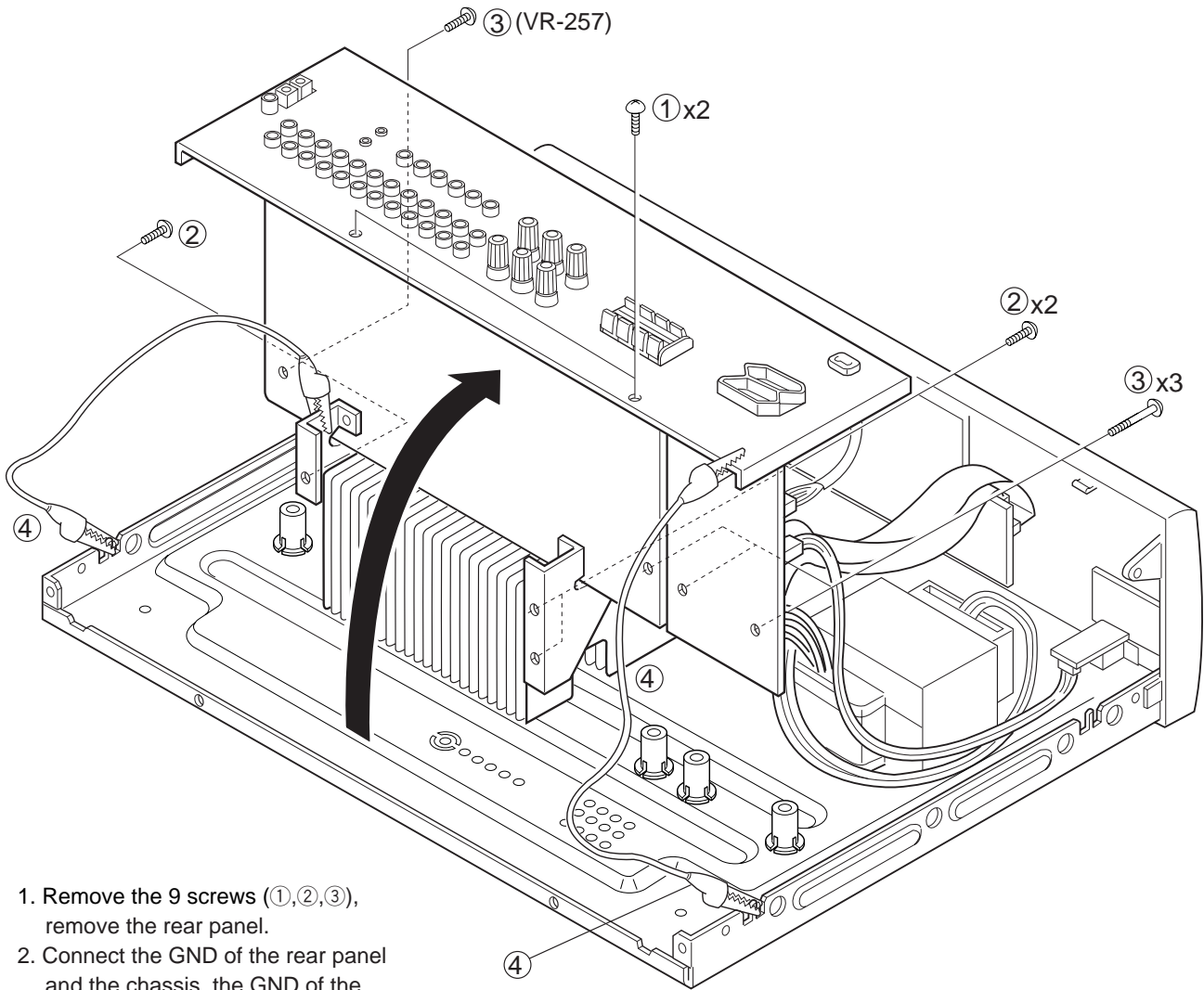


- 1 POWER key**
Use to turn the receiver on and off.
- 2 MACRO key**
Use in combination with the AUDIO, VIDEO, or TV keys to execute a series of commands automatically (MACRO PLAY).
- 3 VIDEO selector key**
Selects the video inputs and sets the remote control to operate the component registered at the respective input.
- 4 Multi control keys**
Use to operate the selected component.
- 5 REC key**
Use to operate the selected component.
- 6 TUNING/SKIP key**
Use during the setup procedure to specify various settings. Use to operate the tuner or selected component.
- 7 SUBWOOFER key**
Use in combination with the VOLUME +/- keys to adjust the volume of the subwoofer.
- 8 FUNCTION SHIFT key**
Use in combination with the numeric keys to execute alternate commands.
- 9 Numeric keys**
Provide functions identical to those of the original remote control supplied with the component you are controlling. To access the functions printed above the keys, press within 3 seconds of pressing the FUNCTION SHIFT key. Function availability varies for each component.
- 10 SHIFT key**
Use in combination with the AUDIO and VIDEO keys to change the remote control mode without changing the input selector or in combination with the POWER key to turn on and off components programmed into the remote control.
- 11 TV selector key**
Sets the remote control to operate a TV or cable box. This key does not change the input selector on the receiver.
- 12 AUDIO selector key**
Selects the audio inputs and sets the remote control to operate the respective KENWOOD audio component. If you connect audio components from the MD/TAPE or CD jacks, you can set the remote control to operate these components by registering the appropriate setup code at the respective input.
- 13 GUIDE key**
Use to activate the OSD menu functions of registered components.
- 14 VOLUME key**
Use to adjust the receiver volume.
- 15 MUTE key**
Use to temporarily mute the sound.
- 16 SOUND key**
Use to adjust the sound quality and ambience effects.
- 17 LISTEN MODE key**
Use to select the listening mode.
- 18 SETUP key**
Use to select the surround sound settings.

There are some cases in which keys (or knobs) that have the same function on the receiver and on the remote control have different names. In the instructions of this manual, if the names of corresponding keys (or knobs) on the receiver and remote control are different, the name of the remote control key is indicated in parentheses.

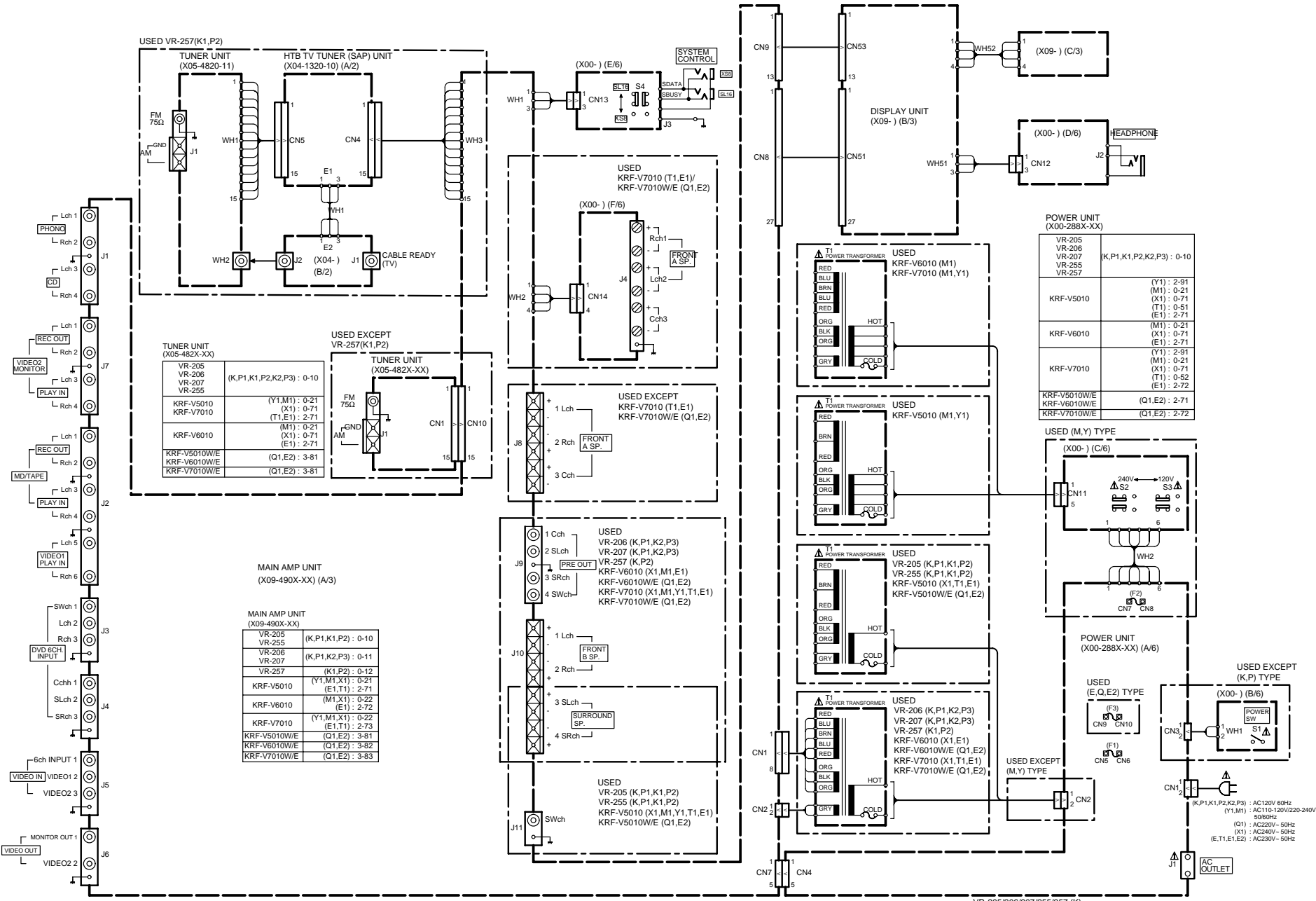
KRF-V5010/V6010/V7010/VR-205/206/207/255/257

DISASSEMBLY FOR REPAIR



1. Remove the 9 screws (①,②,③), remove the rear panel.
2. Connect the GND of the rear panel and the chassis, the GND of the mounting hardware and the chassis with 2 alligators clip (④)

WIRING DIAGRAM



KRF-V5010/V6010/V7010/VR-205/206/207/255/257

CIRCUIT DESCRIPTION

1. BACK UP DATA AND INITIAL STATE

1-1 BACK UP

(1) AMP

- POWER.....STAND BY
- INPUT SELECTORTUNER
- SELECTOR FRESETNONE
- VIDEO OUTPUT.....VIDEO1
- SPEAKER A RELAYON
- SPEAKER B RELAYOFF
- VOLUME LEVEL-78dB
- BASS LEVEL.....0dB
- TREBLE LEVEL0dB
- INPUT LEVEL.....0dB
- BASS BOOSTOFF
- SOURCE DIRECTOFF
- SUB WOOFERYES
- MONITOR.....OFF
- SL16/XS8SL16
- DIMMER LEVEL.....LIGHT

(2) SURROUND

- LISTEN MODESTEREO
- INPUT MODEDIGITAL AUTO
- CENTER SPEAKER.....NORMAL
- SURROUND SPEAKER....YES
- DISTANCEFch 3.0m/10ft
Cch 3.0m/10ft
Sch 3.0m/10ft
- LEFT LEVEL.....0dB
- RIGHT LEVEL0dB

- CENTER LEVEL.....0dB
- REAR (LS, RS) LEVEL.....0dB
- SUB WOOFER LEVEL.....0dB
- MID NIGHTOFF

(3) TUNER

- BAND.....FM(EXCEPT VR-257)
TV (VR-257)
- FRESET CHANNEL"- -"
- FREQUENCYMINIMUM FREQUENCY
 - J1FM : 76.00MHz
AM : 531kHz
 - K1FM : 87.50MHz
AM : 530kHz
 - E1/E3.....FM : 87.50MHz
AM : 531kHz
 - Q1FM : 65.00MHz
AM : 531kHz
 - VR-257.....TV : 3ch
- SAP MODE.....STEREO (VR-257)
- AUTO/MANUAL.....AUTO
- DISPLAY MODE.....FREQUENCY
- EON THRUST
RECEIVING MODEOFF
- M TYPE SETTING
MODE (K2/E1).....E1

1-2 INITIAL SETTING

The initial setting is performed when the AC power cord is plugged into the AC power wall outlet while pressing the power (STANDBY) key.

2. DIFFERENCE POINT OF MODEL (VR-209/207)

| Model | | VR-205/206 KRF-V5010/6010 | VR-207/255/257 KRF-V7010 | VR-208/209 KRF-V8010D |
|--------------------------------|----------------|--|--|---|
| Function | | | | |
| REMOCON | | NORMAL REMOTE RC-R0407 K, P, M, C, X, Y RC-R0307 E, T, Q | PRESET REMOTE RC-R0607 K, P, M, C, Y RC-R0507 E, T, Q, X | PRESET REMOTE RC-R0607 K, P, M, C, Y |
| SELECTOR | AUDIO | TUNER CD TAPE/MD PHONO | TUNER CD TAPE/MD PHONO | TUNER CD TAPE/MD PHONO |
| | VISUAL & AUDIO | VIDEO1 VIDEO2/MONITOR DVD 6ch INPUT | VIDEO1 VIDEO2/MONITOR DVD 6ch INPUT | VIDEO1 VIDEO2 VIDEO3 |
| MONITOR | FUNCTION | VIDEO2/MONITOR | VIDEO2/MONITOR | MONITOR |
| | ON LEVEL | 2 step (0/-6) | 2 step (0/-6) | 3 step (0/-3/-6) |
| SPEAKER | | SP.A/SP.B (206) SP.1 stage (205/255) | SP.A/SP.B | SP.A/SP.B |
| DIGITAL AUTO | | X | X | O |
| DOLBY DIGITAL | | X | X | O |
| INPUT MODE (VIDEO2/ VIDEO3) | | X | X | DIGITAL AUTO/ DIGITAL MANUAL/ ANALOG |
| LIVE, HALL | | O | O | X |
| SOUND LEVEL | | Sch | Sch | RSch/LSch |
| TUNER | TV & SAP | X | VR257 | X |
| | RDS | E, T, Q | E, T, Q | X |

CIRCUIT DESCRIPTION

FUNCTION DIODE MATRIX (X14-)

| Model Function | VR-205/255 KRF-V5010 | VR-206/207 KRF-V6010/V7010 | VR-257 | VR-209 KRF-V8010 |
|-------------------|-------------------------|-------------------------------|--------|---------------------|
| DOLBY DIGITAL | X | X | X | D503 |
| SPEAKER A only | D522 | X | X | X |
| TV & SAP | X | X | D506 | X |

3. DESTINATION LIST OF TUNER

• TUNER

| Destination | TUNER type | BAND | Receiving frequency range | Channel space | IF | PLL reference frequency | Diode SW | | | |
|---------------------------|------------|------|---------------------------|---------------|----------|-------------------------|----------|------|------|------|
| | | | | | | | DSW3 | DSW2 | DSW1 | DSW0 |
| | | | | | | | D507 | D505 | D504 | D510 |
| K, P, R | K1 1700 | FM | 87.5MHz~108.0MHz | 100kHz | +10.7MHz | 25kHz | 0 | 0 | 0 | 0 |
| | | AM | 530kHz~1700kHz | 10kHz | +450kHz | 10kHz | | | | |
| Y, M, I, C, V, E, X, H | E1 | FM | 87.5MHz~108.0MHz | 50kHz | +10.7MHz | 25kHz | 0 | 0 | 1 | 1 |
| | | AM | 531kHz~1602kHz | 9kHz | +450kHz | 9kHz | | | | |
| T | E2 LW | FM | 87.5MHz~108.0MHz | 50kHz | +10.7MHz | 25kHz | 0 | 1 | 0 | 0 |
| | | MW | 531kHz~1602kHz | 9kHz | +450kHz | 9kHz | | | | |
| | | LW | 153kHz~279kHz | 9kHz | +450kHz | 9kHz | | | | |
| E | E3 RDS | FM | 87.5MHz~108.0MHz | 50kHz | +10.7MHz | 25kHz | 0 | 1 | 0 | 1 |
| | | AM | 531kHz~1602kHz | 9kHz | +450kHz | 9kHz | | | | |
| Q | Q1 RDS | FML | 65.0MHz~74.0MHz | 10kHz | +10.7MHz | 5kHz | 1 | 0 | 1 | 1 |
| | | FMH | 87.5MHz~108.0MHz | 50kHz | +10.7MHz | 5kHz | | | | |
| | | AM | 531kHz~1602kHz | 9kHz | +450kHz | 9kHz | | | | |

※ 0 : NONE DIODE, 1: ADD DIODE

3-1 Channel Space Selector in Broadcasting setting

1. Push the BAND key for 2 seconds in the standby mode.
2. Display shows "F100/A10kHz" or "F50/A9kHz" blinkingly for 5 seconds.
3. Turn the VOLUME knob (Encoder) to choose your channel space.
4. Push the BAND key to memorize the channel space to E2P ROM.

Note : Channel space will be set by the data from E2P ROM if reconnect the power cord..

Channel space will be set by the destination data from E2P ROM if backup data damaged.

4. TEST MODE

4-1 SETTING

Turn the power ON while pressing the [BAND] key.

4-2 CANCEL

Unplug the AC power cord from an AC power wall outlet.

4-3 STARTING ACTIVE CONTENTS

- ① The power on state is entered whenever the power is turned on while pressing the [BAND] key. All functions are then initialized and activated in the all-lighting mode.
- ③ All lighting mode is canceled when any main unit's keys are pressed. The normal display obtained when the selector is set to TUNER then appears.

③ E2P ROM check (E, T, Q, M, V type)

Check the reading data and the writing data of the E2P ROM after setting the test mode.

Display shows blank if the reading and writing data is the same. Display shows "□" if the different.

Data (FM 50kHz, AM 9kHz, De-emphasis 50us) will be written to E2P ROM if the unit for M and V type.

4-4 ACTIVE CONTENTS

- ① The mute control is not activated when the mode is switched.
- ② The test mode will be terminated by plugging it off the power source or by initializing it, when all the settings will be initialized.
- ③ During the test mode, it can be operated in a special manner that is different from an ordinary operation by using the keys on the remote control or the main body, specifically as shown in the following table (5. contents).
- ④ Channel space will be no change if set channel space in the reset mode.

4-5 CONTENTS

TUNER (E, T, Q, RDS ONLY)

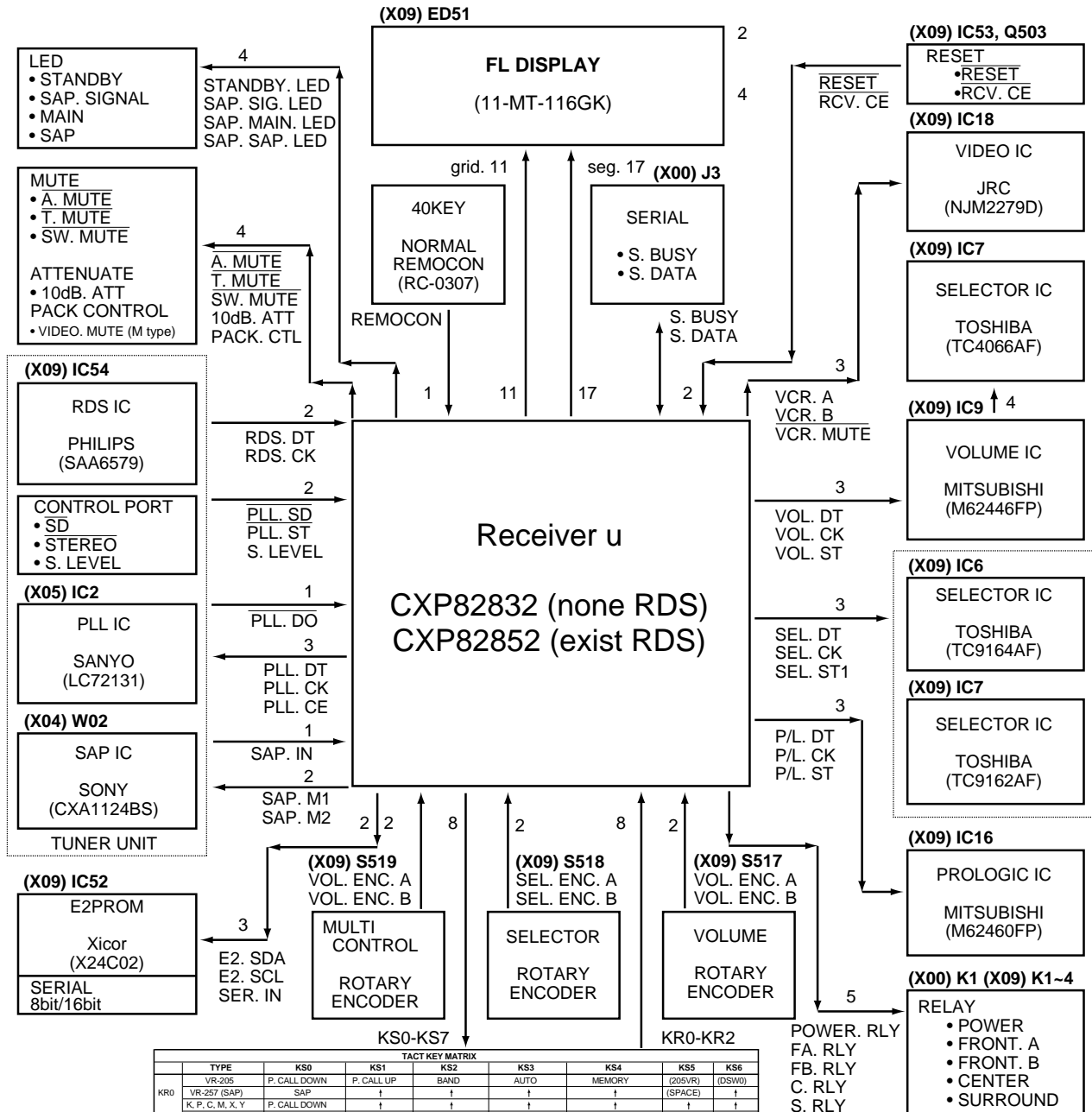
| OPERATION KEY | FUNCTION | FL DISPLAY | Remarks |
|---------------|-----------------------|-----------------------------|--------------------------|
| PTY | • S LEVEL • RF ATT | (EXP.) | (1) (2)↔(3) CYCLIC |
| | | (1) (S LEVEL), (RF ATT) OFF | |
| | | (2) (S LEVEL), (RF ATT) ON | |
| DISPLAY | P. CALL UP | P. CALL FREQUENCY | |
| BASS BOOST | P. CALL DOWN | | |

CIRCUIT DESCRIPTION

EXCEPT TUNER (BELOW ※ : TONE, CH. LEVEL is selected SOUND key.)

| OPERATION KEY | INPUT LEVEL | FUNCTION | FL DISPLAY |
|---------------|-------------|--------------------------|----------------|
| ※ BAND | -6dB | BASS, TREBLE each CH. | -10dB -89dB |
| ※ AUTO | -3dB | BASS, TREBLE each CH. | +10dB 0dB |
| ※ MEMORY | 0dB | BASS, TREBLE each CH. | 0dB -78dB |
| P. CALL ∨ | — | MUTE | ON OFF |
| P. CALL ∧ | — | CH. DELAY TIME | DMAX DMIN |

5. Microprocessor periphery diagram



| TYPE | TACT KEY MATRIX | | | | | | | |
|---------------|------------------|--------------|------------|------------|-------------|---------------|-----------------|--|
| | KS0 | KS1 | KS2 | KS3 | KS4 | KS5 | KS6 | |
| KR0 | VR-205 (SAP) | P. CALL DOWN | P. CALL UP | BAND | AUTO | MEMORY | (205/VR) (DSW0) | |
| | K, P, C, M, X, Y | SAP | | | | | | |
| | E, T, Q (RDS) | T. NEWS | DISPLAY | | | | | |
| KR1 | VR-205 | ON/STANDBY | DIMMER | SOUND | LISTEN MODE | SETUP | (SPACE) (DSW1) | |
| | VR-257 (SAP) | | | | | | | |
| | K, P, C, M, X, Y | | PTY | | | | | |
| KR2 | VR-205 | SPEAKER | MUTE | BASS BOOST | MONITOR | SOURCE DIRECT | (SPACE) (DSW2) | |
| | VR-257 (SAP) | SPEAKER A | SPEAKER B | | | | | |
| | K, P, C, M, X, Y | | | | | | | |
| E, T, Q (RDS) | | | | | | | | |

CIRCUIT DESCRIPTION

6. Microprocessor pin description

| Pin No. | Pin name | I/O | Description | Active |
|---------|--------------|-----|--|-------------------------|
| 1, 2 | G10~G11 | O | FL (11-MT-116GK) GRID 10, 11 | |
| 3 | – | – | Unused | |
| 4 | RDS. CK | I | RDS IC (SAA6579) clock input control | |
| 5 | RDS. DT | I | RDS IC (SAA6579) data input control | |
| 6 | – | I | Unused | |
| 7 | VOL. ENC. A | I | Volume encoder A (CW) signal | |
| 8 | REMOCON | I | Remote control | |
| 9 | VOL. ENC. B | I | Volume encoder B (CCW) signal | |
| 10, 11 | – | O | Unused | |
| 12~14 | KR0 - KR2 | I | Key return 0~2 | |
| 15 | PROTECT | I | Protection detect | H : PROTECT |
| 16 | S. DATA | I/O | Serial communication data | |
| 17 | S. BUSY | I/O | Serial communication busy | |
| 18 | E2. DT | I/O | E2PROM data | |
| 19 | E2. CLK | O | E2PROM clock | |
| 20 | SEL. ENC.A | I | Selector encoder A (CW) | |
| 21 | SEL. ENC.B | I | Selector encoder B (CCW) | |
| 22 | MULTI. ENC.A | I | Multi control encoder A (CW) | |
| 23 | MULTI. ENC.B | I | Multi control encoder B (CCW) | |
| 24 | SER.IN | I | Serial communication 8bit/16bit changeover | L : 8bit H : 16bit |
| 25 | SAP.M1 | O | SAP IC (CXA1124BS) M1 control | |
| 26 | SAP.IN | I | SAP IC (CXA1124BS) SAP signal control | L : sap |
| 27 | SAP.M2 | O | SAP IC (CXA1124BS) M2 control | |
| 28 | Vdd | – | Analog power supply (+5V) | |
| 29 | S.LEVEL | I | Signal level A/D input | |
| 30 | P/L. DT | O | PROLOGIC IC (M62460FP) strobe | L : active |
| 31 | P/L. CK | O | PROLOGIC IC (M62460FP) clock | L : active |
| 32 | P/L. ST | O | PROLOGIC IC (M62460FP) data | |
| 33 | PLL. DO | I | PLL IC DO signal | |
| 34 | PLL. ST | I | TUNER STEREO signal detect | L : STEREO |
| 35 | PLL. SD | I | TUNER SD signal detect | L : TUNED |
| 36 | RCV. CE | I | RECEIVER CHIP ENABLE signal | L : ENABLE |
| 37 | AVss | – | Analog GND | |
| 38 | RESET | I | u-Com reset | |
| 39 | EXTAL | I | Main clock (8MHz) | |
| 40 | XTAL | – | Main clock (8MHz) | |
| 41 | Vss | – | u-Com GND | |
| 42 | TX | – | Unused | |
| 43 | TEX | I | GND | |
| 44 | Vdd | – | +5V | |
| 45 | Vfdp | – | -33V | |
| 46 | SEL. ST1 | O | TC9162AF/63AF/64AF strobe1 | H : LATCH |
| 47 | PLL. DT | O | PLL IC DATA signal output | |
| 48 | PLL. CK | O | PLL IC CLOCK signal output | |
| 49 | PLL. CE | O | PLL IC CE signal output | |
| 50 | T. MUTE | O | Tuner mute control | L : MUTE ON |
| 51 | A. MUTE | O | Output mute control | L : MUTE ON |
| 52 | SW. MUTE | O | SUB WOOFER mute control | L : MUTE ON |
| 53 | 10dB. ATT | O | VOLUME 10dB ATTENUATOR control | L : ATT ON |
| 54 | VOL. DT | O | VOLUME IC (M62446SP) data control | |
| 55 | VOL. CK | O | VOLUME IC (M62446SP) clock control | H : active |
| 56 | VOL. ST | O | VOLUME IC (M62446SP) strobe control | H : active |
| 57 | VCR. MUTE | O | VIDEO IC (NJU2279D) cont2/4 control | L : mute on |
| 58 | VCR. A | O | VIDEO IC (NJU2279D) cont1 control | H/L : static |
| 59 | VCR. B | O | VIDEO IC (NJU2279D) cont3 control | H/L : static |
| 60 | FA. RLY | O | Front SP. A relay control | H : relay ON |
| 61 | FB. RLY | O | Front SP. B relay control | H : relay ON |
| 62 | C. RLY | O | Center SP. relay control | H : relay ON |
| 63 | S. RLY | O | Surround SP. relay control | H : relay ON |

CIRCUIT DESCRIPTION

| Pin No. | Pin name | I/O | Description | Active |
|---------|---------------|-----|---|-------------------------|
| 64 | POWER. RLY | O | Power relay control | H : relay ON |
| 65 | STANDBY. LED | O | STANDBY LED control | H : relay ON L : LED ON |
| 66, 67 | - | O | Unused | |
| 68 | SAP. LED1 | O | SAP LED1 | L : LED ON |
| 69 | SAP. LED2 | O | SAP LED2 | L : LED ON |
| 70 | SAP. LED3 | O | SAP LED3 | L : LED ON |
| 71 | PACK_CTL | O | VIDEO MUTE (M type) | L : MUTE ON |
| 72 | - | O | Unused | |
| 73 | EMPHASIS | O | TUNER EMPHASIS (M type) | H : 100 /10k L : 50k/9k |
| 74~81 | P1/KS7~P8/KS0 | O | FL (11-MT-116GK) SEG 1~8 & KEY SCAN 7~0 | |
| 82~88 | P9~P15 | O | FL (11-MT-116GK) SEG 9~15 | |
| 89 | Vdd | O | u-Com +5V power supply | |
| 90, 91 | P16, P17 | O | FL (11-MT-116GK) SEG 16, 17 | |
| 92~100 | G1~G9 | O | FL (11-MT-116GK) GRID 1~9 | |

7. Control list for the switch and the port

(1) Input selector (BU4066BCF)

| X09, IC17 | | | |
|-----------|----------------|-------------|-----------|
| | IC PORT | ⑩, ⑪ | ③, ④ |
| | Surround | ⑧, ⑨ | ②, ① |
| No. | Input Selector | MD/TAPE REC | LSch/RSch |
| 1 | MD/TAPE | X | X |
| 2 | 6ch INPUT | O | O |
| 3 | OTHERS | O | X |

(0 : SW OFF/1 : SW ON)

(2) Electric volume (M62446FP)

| X09, IC9 | | | | | |
|----------|----------------|-----------|-----------|------|------|
| | IC PORT | ⑰ | ⑱ | ⑲ | ⑳ |
| | Surround | out1 | out2 | out3 | out4 |
| No. | Input Selector | LSch/RSch | LSch/RSch | ---- | ---- |
| 1 | MD/TAPE | X | X | X | X |
| 2 | 6ch INPUT | O | O | X | X |
| 3 | OTHERS | X | X | X | X |

(0 : SW OFF/1 : SW ON)

(3) Input selector (TC9164AF)

| X09, IC6 | | | | | | | | | | | | | | | |
|----------|----------------|---------------|---------------|---------------|---------------|---------------|------------|-----------------|------------------|-----|-----|-----|-----|-----|-----|
| | IC CHANNEL | Lch | Rch | Lch | Rch | Lch | Rch | Lch | Rch | Lch | Rch | Lch | Rch | Lch | Rch |
| | IC PORT | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | | | | | | |
| No. | Input Selector | TUNER | PHONO | CD | MD/TAPE/PLAY | VIDEO1 PLAY | VIDEO1 REC | VIDEO2 | MONITOR | | | | | | |
| 1 | PHONO | X | O | X | X | X | O | X | X | | | | | | |
| 2 | CD | X | X | O | X | X | O | X | X | | | | | | |
| 3 | VIDEO2 | X | X | X | X | X | X | O | X | | | | | | |
| 4 | MONITOR ON | now condition | now condition | now condition | now condition | now condition | X | O(0dB selector) | O(-6dB selector) | | | | | | |
| 5 | TAPE/MD | X | X | X | O | X | O | X | X | | | | | | |
| 6 | VIDEO1 | X | X | X | X | O | O | X | X | | | | | | |
| 7 | TUNER | O | X | X | X | X | O | X | X | | | | | | |
| 8 | 6ch INPUT | X | X | X | X | X | O | X | X | | | | | | |

(0 : SW OFF/1 : SW ON)

(4)Surr. Mode selector(TC9162AF)

| X09, IC7 | | | | | | | | | | | | | | | | |
|----------|----------------|------------------|------------------|----------|-----------|----------|-----------|-----------|-----|------------------|------|------|------|-----|-----|-----|
| | IC CHANNEL | Lch | Rch | Lch | Rch | Lch | Rch | Lch | Rch | Lch | Rch | Lch | Rch | Lch | Rch | --- |
| | IC PORT | ② S1 ⑲ | ③ S2 ⑳ | ⑤ S3 ㉑ | ⑥ S4 ㉒ | ⑧ S5 ㉓ | ⑨ S6 ㉔ | ⑪ S7 ㉕ | | | | | | | --- | |
| | Surround | prologic | 6ch input | prologic | 6ch input | prologic | 6ch input | 6ch input | | | | | | | --- | |
| No. | Speaker | FLch | FRch | FLch | FRch | SWch | Cch | SWch | Cch | LSch | RSch | LSch | RSch | --- | --- | --- |
| 1 | DOLBY PROLOGIC | O | | X | | O | O | X | | O | | X | | X | | --- |
| 2 | DOLBY 3STEREO | O | | X | | O | O | X | | X | | X | | X | | --- |
| 3 | DSP LOGIC | O (2ch selector) | O (4ch selector) | O | O | X | | O | | O (4ch selector) | | X | | X | | --- |
| 4 | STEREO | X | | O | | O | X | X | | X | | X | | X | | --- |
| 5 | SOURCE DIRECT | X | | X | | O | X | X | | X | | X | | X | | --- |
| 6 | 6ch INPUT | O | | O | | X | X | O | | X | | X | | O | | --- |

(0 : SW OFF/1 : SW ON)

8. Contents of the speaker setting

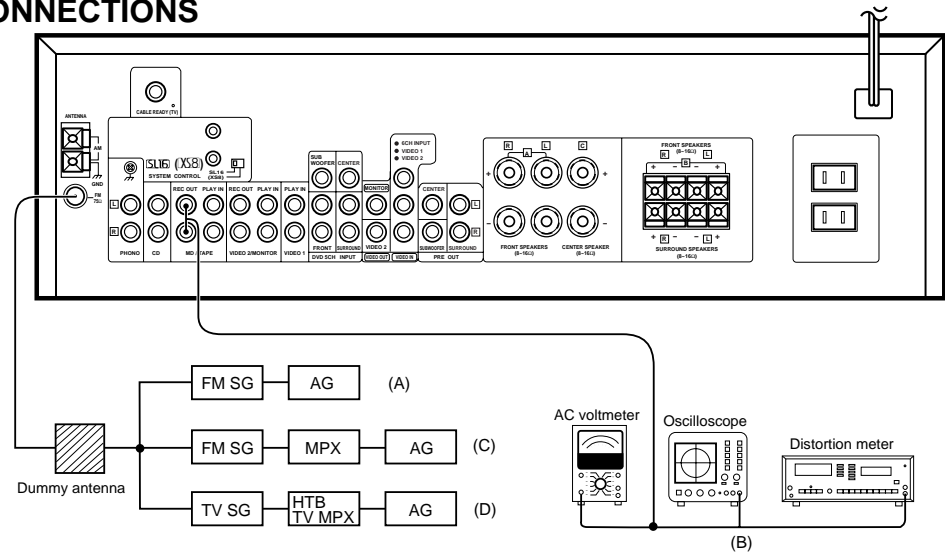
(VR-207 series only)

| SUB WOOFER | YES/NO | | | | | |
|-------------------------|----------|---------|--------|---------|---------|---------|
| | LARGE | | NORMAL | | NO | |
| CENTER SP. | YES | NO | YES | NO | YES | NO |
| SURROUND SP. | YES | NO | YES | NO | YES | NO |
| CENTER MODE (PRO LOGIC) | WIDEBAND | PHANTOM | NORMAL | PHANTOM | PHANTOM | PHANTOM |

ADJUSTMENT

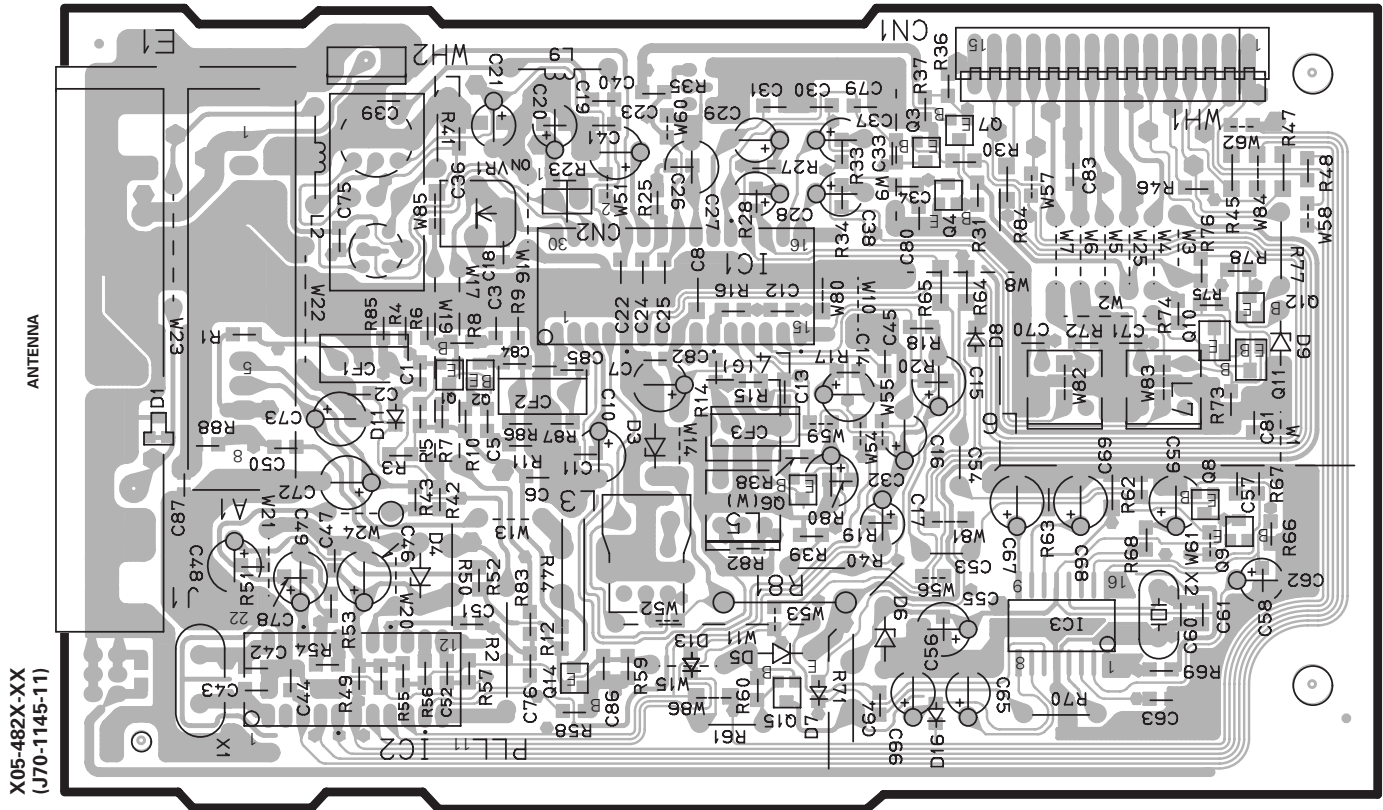
| No. | ITEM | INPUT SETTINGS | OUTPUT SETTINGS | TUNER SETTINGS | ALIGNMENT POINTS | ALIGN FOR | FIG. |
|--|---------------------|---|---|---------------------|-----------------------------|---|------|
| FM SECTION : EXCEPT E,T,Q type | | SELECTOR : FM | | | | | |
| 1 | DISTORTION (STEREO) | (C) 98.0MHz 1kHz, ±68.25kHz dev. Selector : L or R Pilot : ±6.75kHz dev. 70dBf (ANT. input) | (B) | 98.0MHz | IFT (TUNER UNIT: A1) | Minimum distortion (L or R) | (a) |
| 2 | TUNING LEVEL | (A) 98.0MHz MONO 1kHz, ±75kHz dev. 25dBf (ANT. input) | (B) | MONO 98.0MHz | VR1 (TUNER UNIT) | Adjust VR1 and stop at the point where ED51 (TUNED) goes on. | (a) |
| TV SECTION : VR-257 (X04-) only | | SELECTOR : TV | | | | | |
| 1 | SEPARATION | (D) TV 3ch : 65.75MHz or TV 4ch : 71.75MHz STEREO AF : 3kHz, NR ON 70dBf. | (B) | TV 3ch or TV 4ch | VR1 (HTB TV UNIT) | Minimum crosstalk | (a) |
| FM SECTION : E,T,Q type only | | SELECTOR : FM ※Adjust NO.1 and NO.2 repeat. | | | | | |
| 1 | DISCRIMINATOR | (A) 98.0MHz 1kHz, ±40kHz dev. 70dBf (ANT. input) | Connect a DC voltmeter between CN2 ① and CN2 ② (TUNER UNIT) | MONO 98.0MHz | L4 (TUNER UNIT) | 0V | (a) |
| 2 | DISTORTION (MONO) | (A) 98.0MHz 1kHz, ±40kHz dev. MONO 70dBf (ANT. input) | (B) | MONO 98.0MHz | L5 (TUNER UNIT) | Minimum distortion | (a) |
| 3 | DISTORTION (STEREO) | (C) 98.0MHz 1kHz, ±40kHz dev. Selector : L or R Pilot : ±6kHz dev. 70dBf (ANT. input) | (B) | AUTO 98.0MHz | IFT (TUNER UNIT : A1) | Minimum distortion (L or R) | (a) |
| 4 | TUNING LEVEL | (A) 98.0MHz MONO 1kHz, ±40kHz dev. 25dBf (ANT. input) | (B) | MONO 98.0MHz | VR1 (TUNER UNIT) | Adjust VR1 and stop at the point where ED51 (TUNED) goes on. | (a) |

SYSTEM CONNECTIONS

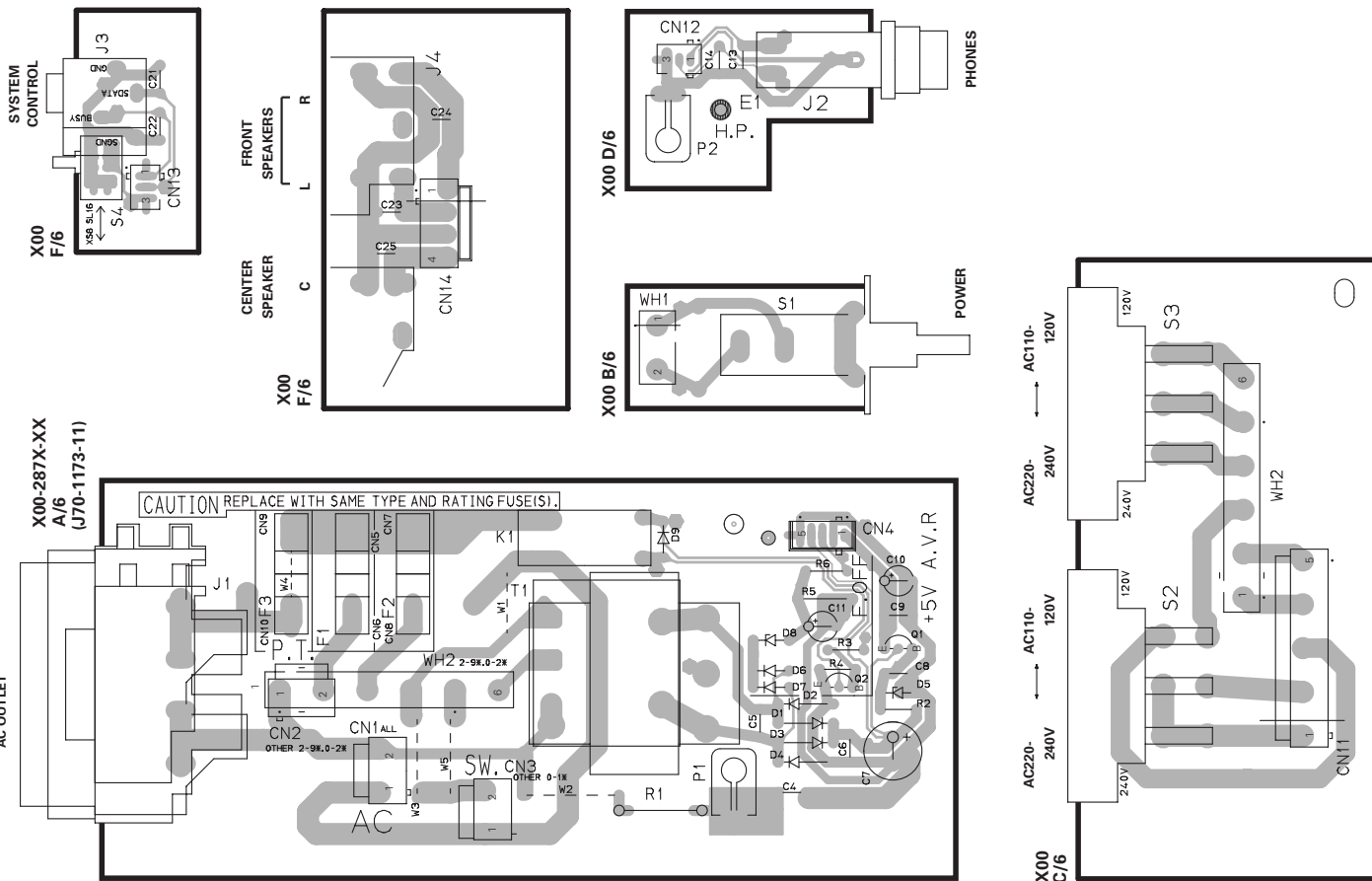


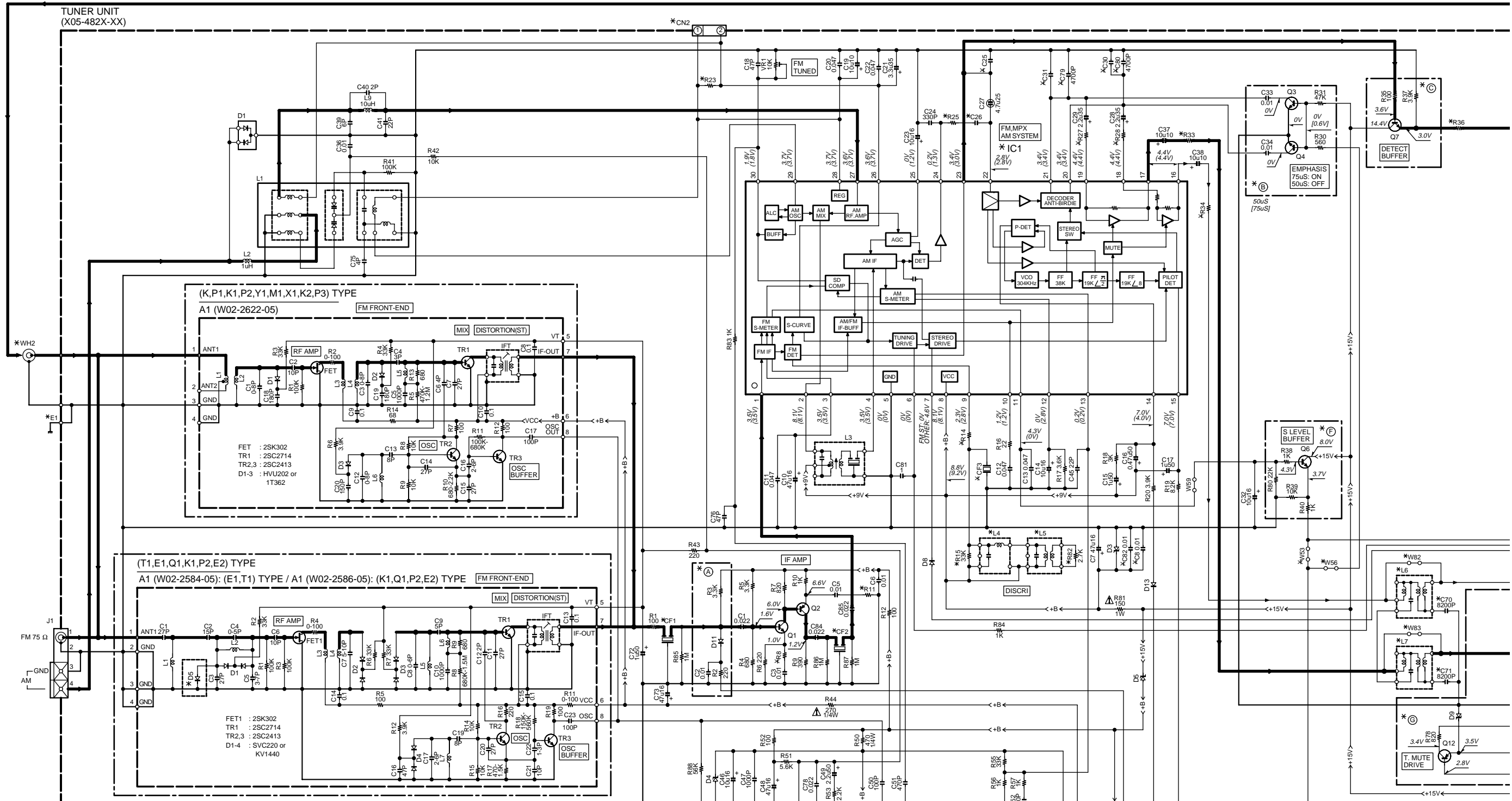
PC BOARD (Component side view)

1 TUNER UNIT



4 POWER SUPPLY UNIT





KRF-V5010/V7010 (X05-482X-XX)

| DESTINATION | UNIT No. | E1 | CF1.2 | CF3 | R8 | R11 | R14 | R15 | R23 | R25 | R27 | R28 | R33 | R34 | R36 | R72 | C8 | C25 | C26 | C30 | C70.71 | L4-7 | CN1 | CN2 | IC1 | A1 | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | WH1.2 | WS3.56 | WS6 | WS2.83 |
|----------------|----------|------|-------------|----------|-----|-----|-----|-----|-----|------|-----|------|-----|-----|------|------|------|-------|-------|-------|--------|------|-----|--------|----------|----------|----|-----|----|----|----|-------|--------|-----|--------|
| GENERAL MARKET | M1 | 0-21 | F10-1108-04 | L72-0531 | YES | 33 | 33 | 270 | NO | 3.3K | 18K | 8.2K | 1K | 1K | NO | 8.2K | YES | 390P | 0.022 | 0.022 | NO | NO | YES | NO | LA1838 | W02-2622 | NO | YES | NO | NO | NO | YES | YES | NO | NO |
| AUSTRALIA | X1 | 0-71 | F10-1108-04 | L72-0531 | YES | 33 | 33 | 270 | NO | 3.3K | 18K | 8.2K | 1K | 1K | NO | 8.2K | YES | 390P | 0.022 | 0.022 | NO | NO | YES | NO | LA1838 | W02-2622 | NO | YES | NO | NO | NO | YES | YES | NO | NO |
| U.K. | T1 | 2-71 | F10-1109-04 | L72-0536 | NO | 10 | 22 | 100 | YES | 15K | 27K | 4.3K | 1K | 1K | 3.9K | NO | 180P | 0.018 | 0.018 | YES | YES | YES | YES | LA1837 | W02-2584 | YES | NO | NO | NO | NO | NO | NO | NO | NO | |
| EUROPE | E1 | 2-71 | F10-1109-04 | L72-0536 | NO | 10 | 22 | 100 | YES | 15K | 27K | 4.3K | 1K | 1K | 3.9K | NO | 180P | 0.018 | 0.018 | YES | YES | YES | YES | LA1837 | W02-2584 | YES | NO | NO | NO | NO | NO | NO | NO | NO | |

KRF-V6010 (X05-482X-XX)

| DESTINATION | UNIT No. | E1 | CF1.2 | CF3 | R8 | R11 | R14 | R15 | R23 | R25 | R27 | R28 | R33 | R34 | R36 | R72 | C8 | C25 | C26 | C30 | C70.71 | L4-7 | CN1 | CN2 | IC1 | A1 | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | WH1.2 | WS3.56 | WS6 | WS2.83 |
|----------------|----------|------|-------------|----------|-----|-----|-----|-----|-----|------|-----|------|-----|-----|------|------|------|-------|-------|-------|--------|------|-----|--------|----------|----------|----|-----|----|----|----|-------|--------|-----|--------|
| GENERAL MARKET | M1 | 0-21 | F10-1108-04 | L72-0531 | YES | 33 | 33 | 270 | NO | 3.3K | 18K | 8.2K | 1K | 1K | NO | 8.2K | YES | 390P | 0.022 | 0.022 | NO | NO | YES | NO | LA1838 | W02-2622 | NO | YES | NO | NO | NO | YES | YES | NO | NO |
| AUSTRALIA | X1 | 0-71 | F10-1108-04 | L72-0531 | YES | 33 | 33 | 270 | NO | 3.3K | 18K | 8.2K | 1K | 1K | NO | 8.2K | YES | 390P | 0.022 | 0.022 | NO | NO | YES | NO | LA1838 | W02-2622 | NO | YES | NO | NO | NO | YES | YES | NO | NO |
| U.K. | T1 | 2-71 | F10-1109-04 | L72-0536 | NO | 10 | 22 | 100 | YES | 15K | 27K | 4.3K | 1K | 1K | 3.9K | NO | 180P | 0.018 | 0.018 | YES | YES | YES | YES | LA1837 | W02-2584 | YES | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| EUROPE | E1 | 2-71 | F10-1109-04 | L72-0536 | NO | 10 | 22 | 100 | YES | 15K | 27K | 4.3K | 1K | 1K | 3.9K | NO | 180P | 0.018 | 0.018 | YES | YES | YES | YES | LA1837 | W02-2584 | YES | NO | NO | NO | NO | NO | NO | NO | NO | NO |

VR-205/206/207/255 (X05-4820-10)

| DESTINATION | UNIT No. | E1 | CF1.2 | CF3 | R8 | R11 | R14 | R15 | R23 | R25 | R27 | R28 | R33 | R34 | R36 | R72 | C8 | C25 | C26 | C30 | C70.71 | L4-7 | CN1 | CN2 | IC1 | A1 | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | WH1.2 | WS3.56 | WS6 | WS2.83 |
|-------------|----------|------|-------------|----------|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|------|-------|-------|-----|--------|------|-----|--------|----------|----|-----|----|----|----|----|-------|--------|-----|--------|
| U.S.A. | K | 0-10 | F10-1108-04 | L72-0596 | YES | 33 | 33 | 270 | NO | 3.3K | 18K | 8.2K | 1K | 1K | 15K | YES | 390P | 0.022 | 0.033 | NO | NO | YES | NO | LA1838 | W02-2622 | NO | YES | NO | NO | NO | NO | YES | YES | NO | NO |
| CANADA | P1 | 0-10 | F10-1108-04 | L72-0596 | YES | 33 | 33 | 270 | NO | 3.3K | 18K | 8.2K | 1K | 1K | 15K | YES | 390P | 0.022 | 0.033 | NO | NO | YES | NO | LA1838 | W02-2622 | NO | YES | NO | NO | NO | NO | YES | YES | NO | NO |
| U.S.A. | K1 | 0-10 | F10-1108-04 | L72-0596 | YES | 33 | 33 | 270 | NO | 3.3K | 18K | 8.2K | 1K | 1K | 15K | YES | 390P | 0.022 | 0.033 | NO | NO | YES | NO | LA1838 | W02-2622 | NO | YES | NO | NO | NO | NO | YES | YES | NO | NO |
| CANADA | P2 | 0-10 | F10-1108-04 | L72-0596 | YES | 33 | 33 | 270 | NO | 3.3K | 18K | 8.2K | 1K | 1K | 15K | YES | 390P | 0.022 | 0.033 | NO | NO | YES | NO | LA1838 | W02-2622 | NO | YES | NO | NO | NO | NO | YES | YES | NO | NO |
| U.S.A. | K2 | 0-10 | F10-1108-04 | L72-0596 | YES | 33 | 33 | 270 | NO | 3.3K | 18K | 8.2K | 1K | 1K | 15K | YES | 390P | 0.022 | 0.033 | NO | NO | YES | NO | LA1838 | W02-2622 | NO | YES | NO | NO | NO | NO | YES | YES | NO | NO |
| CANADA | P3 | 0-10 | F10-1108-04 | L72-0596 | YES | 33 | 33 | 270 | NO | 3.3K | 18K | 8.2K | 1K | 1K | 15K | YES | 390P | 0.022 | 0.033 | NO | NO | YES | NO | LA1838 | W02-2622 | NO | YES | NO | NO | NO | NO | YES | YES | NO | NO |

VR-257 (X05-4820-11)

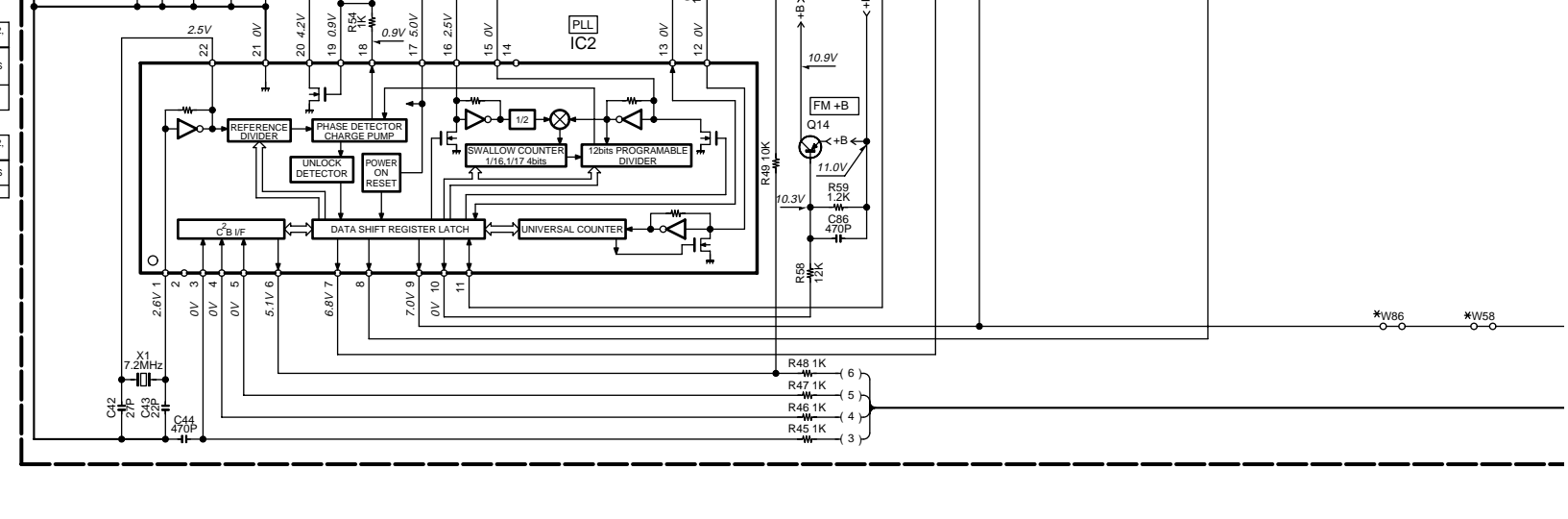
| DESTINATION | UNIT No. | E1 | CF1.2 | CF3 | R8 | R11 | R14 | R15 | R23 | R25 | R27 | R28 | R33 | R34 | R36 | R72 | C8 | C25 | C26 | C30 | C70.71 | L4-7 | CN1 | CN2 | IC1 | A1 | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | WH1.2 | WS3.56 | WS6 | WS2.83 |
|-------------|----------|------|-------------|----------|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|------|-------|-------|-----|-----|--------|------|--------|----------|-----|-----|-----|-----|-----|-----|-----|-------|--------|-----|--------|
| U.S.A. | K1 | 0-11 | F10-1108-04 | L72-0531 | YES | 33 | 33 | 270 | NO | 3.3K | 18K | 8.2K | 100 | 15K | YES | 390P | 0.022 | 0.033 | NO | NO | YES | NO | LA1838 | W02-2586 | NO | YES | YES | YES | YES | YES | YES | YES | YES | NO | NO |
| CANADA | P2 | 0-11 | F10-1108-04 | L72-0531 | YES | 33 | 33 | 270 | NO | 3.3K | 18K | 8.2K | 100 | 15K | YES | 390P | 0.022 | 0.033 | NO | NO | YES | NO | LA1838 | W02-2586 | NO | YES | YES | YES | YES | YES | YES | YES | YES | NO | NO |

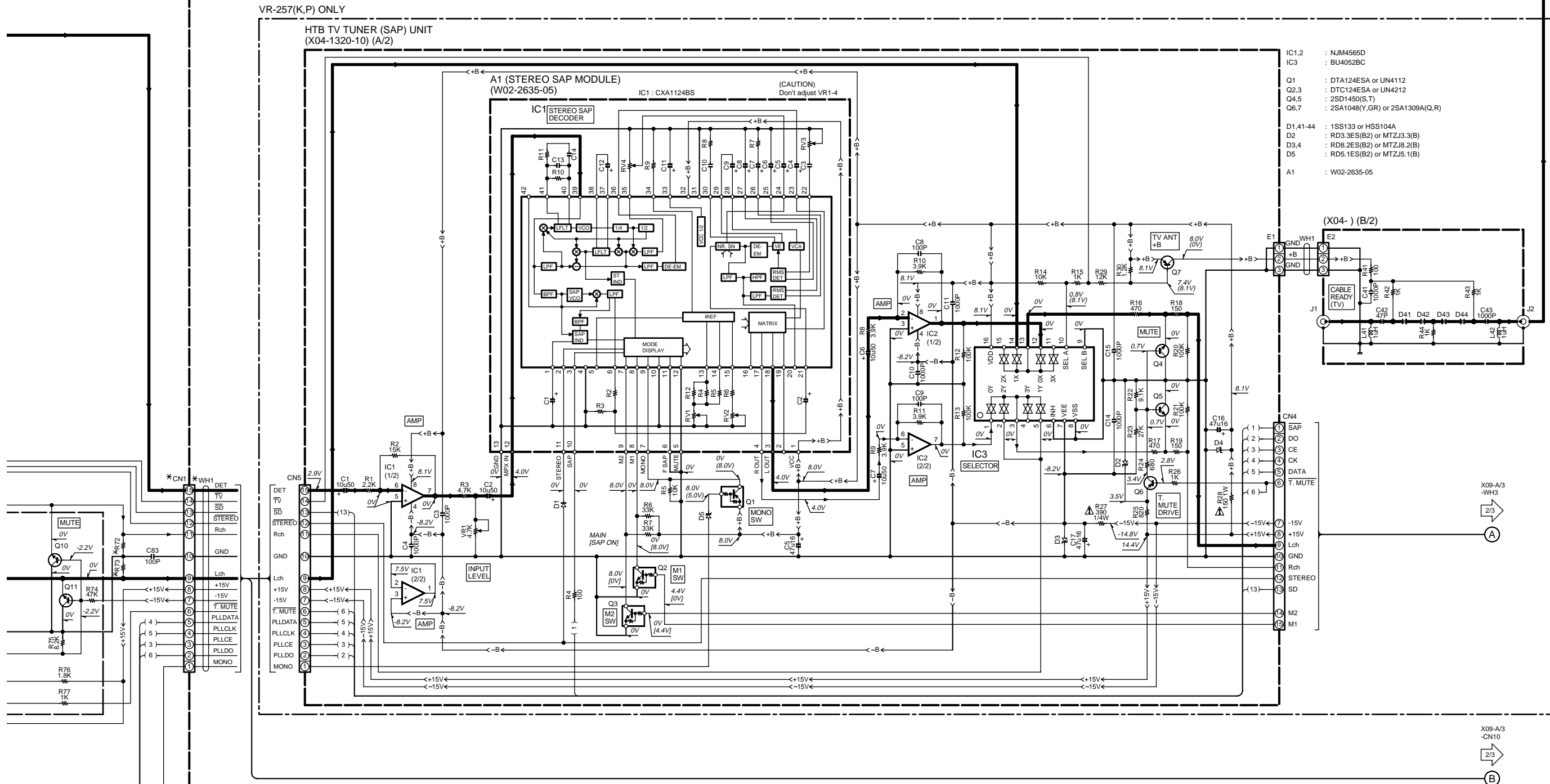
KRF-V5010W/V7010W/V7010E (X05-4823-81)

| DESTINATION | UNIT No. | E1 | CF1.2 | CF3 | R8 | R11 | R14 | R15 | R23 | R25 | R27 | R28 | R33 | R34 | R36 | R72 | C8 | C25 | C26 | C30 | C70.71 | L4-7 | CN1 | CN2 | IC1 | A1 | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | WH1.2 | WS3.56 | WS6 | WS2.83 |
|-------------|----------|------|-------------|----------|----|-----|-----|-----|-----|-----|-----|------|-----|-----|------|-----|------|-------|-------|-------|--------|------|-----|-----|--------|----------|-----|----|----|----|----|-------|--------|-----|--------|
| RUSSIA | Q1 | 3-81 | F10-1109-04 | L72-0536 | NO | 10 | 22 | 100 | YES | 15K | 27K | 4.3K | 1K | 1K | 3.9K | NO | 180P | 0.018 | 0.022 | 0.022 | YES | YES | YES | YES | LA1837 | W02-2586 | YES | NO | NO | NO | NO | NO | NO | NO | YES |

KRF-V5010E/V7010E (X05-4823-81)

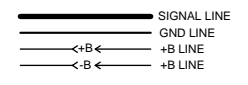
| DESTINATION | UNIT No. | E1 | CF1.2 | CF3 | R8 | R11 | R14 | R15 | R23 | R25 | R27 | R28 | R33 | R34 | R36 | R72 | C8 | C25 | C26 | C30 | C70.71 | L4-7 | CN1 | CN2 | IC1 | A1 | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | WH1.2 | WS3.56 | WS6 | WS2.83 |
|-------------|----------|------|-------------|----------|----|-----|-----|-----|-----|-----|-----|------|-----|-----|------|-----|------|-------|-------|-------|--------|------|-----|-----|--------|----------|-----|----|----|----|----|-------|--------|-----|--------|
| EUROPE | E2 | 3-81 | F10-1109-04 | L72-0536 | NO | 10 | 22 | 100 | YES | 15K | 27K | 4.3K | 1K | 1K | 3.9K | NO | 180P | 0.018 | 0.022 | 0.022 | YES | YES | YES | YES | LA1837 | W02-2586 | YES | NO | NO | NO | NO | NO | NO | NO | YES |





- IC1,2 : NJM4565D
- IC3 : BU4052BC
- Q1 : DTA124ESA or UN4112
- Q2,3 : DTC124ESA or UN4212
- Q4,5 : 2SD1450(S,T)
- Q6,7 : 2SA1048(Y,GR) or 2SA1309A(Q,R)
- D1,41-44 : 1SS133 or HSS104A
- D2 : RD3.3ES(B2) or MTZJ3.3(B)
- D3,4 : RD8.2ES(B2) or MTZJ8.2(B)
- D5 : RD5.1ES(B2) or MTZJ5.1(B)
- A1 : W02-2635-05

- IC1 : *
- IC2 : LC72131
- Q1,3,4,6,7 : 2SC4081(R,S) or 2SC4116(Y,GR)
- Q2,12,14 : 2SA1576A(R,S) or 2SA1586(Y,GR)
- Q10,11 : 2SD1757K
- D1 : DA204V or MA143A or 1SS302
- D3 : RD8.2ES(B2) or MTZJ8.2(B)
- D4 : RD5.1ES(B2) or MTZJ5.1(B)
- D5 : RD2.7ES(B2) or MTZJ2.7(B)
- D8,10,11,13 : MA111
- D9 : RD3.3ES(B2) or MTZJ3.3(B)
- A1 : *



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 |

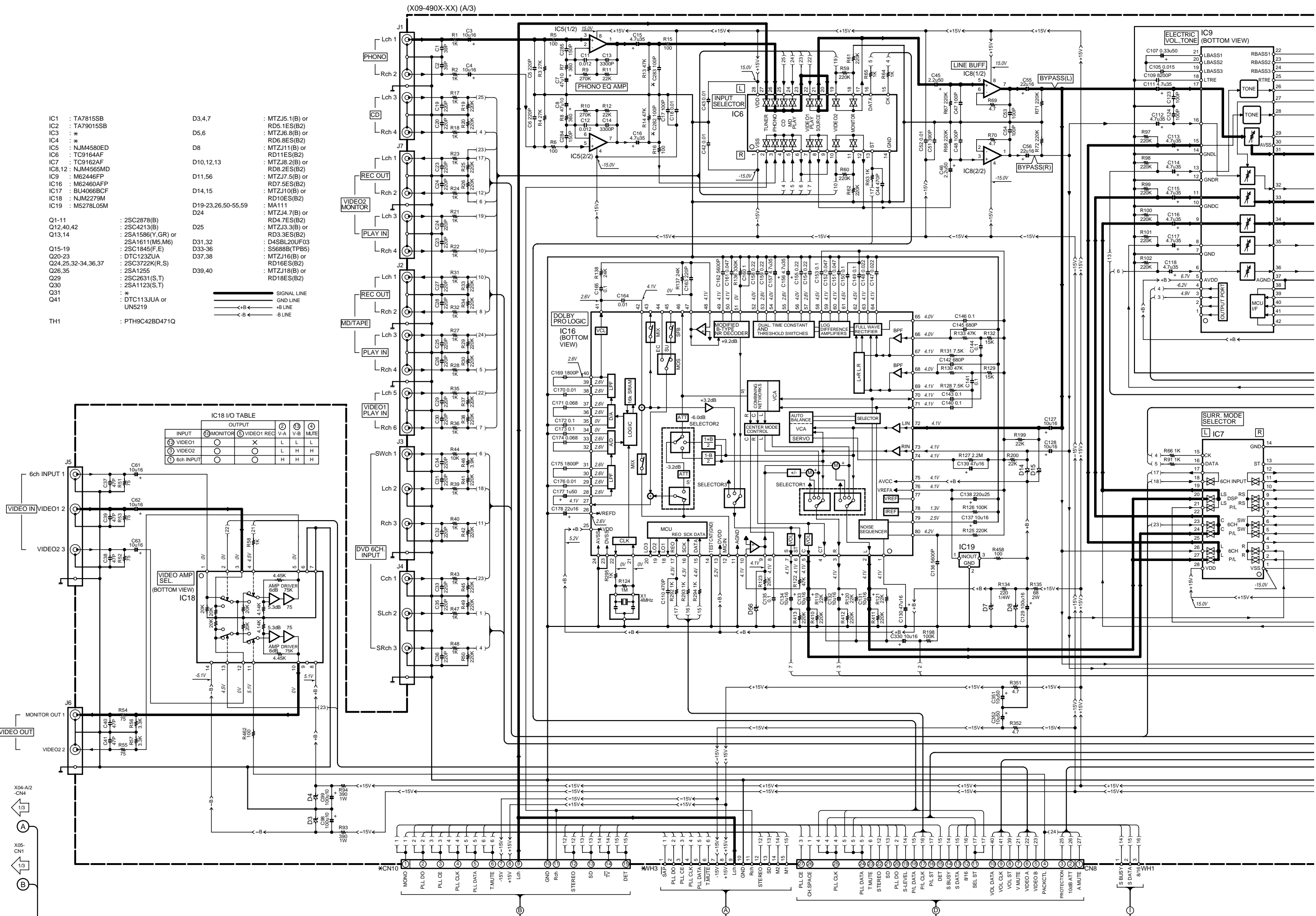
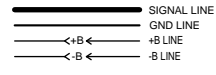
VR-205/206/207/255/257 (K) (1/3)
 KRF-V5010/V6010/V7010/V5010W/V6010W/V7010W (E) (1/3)

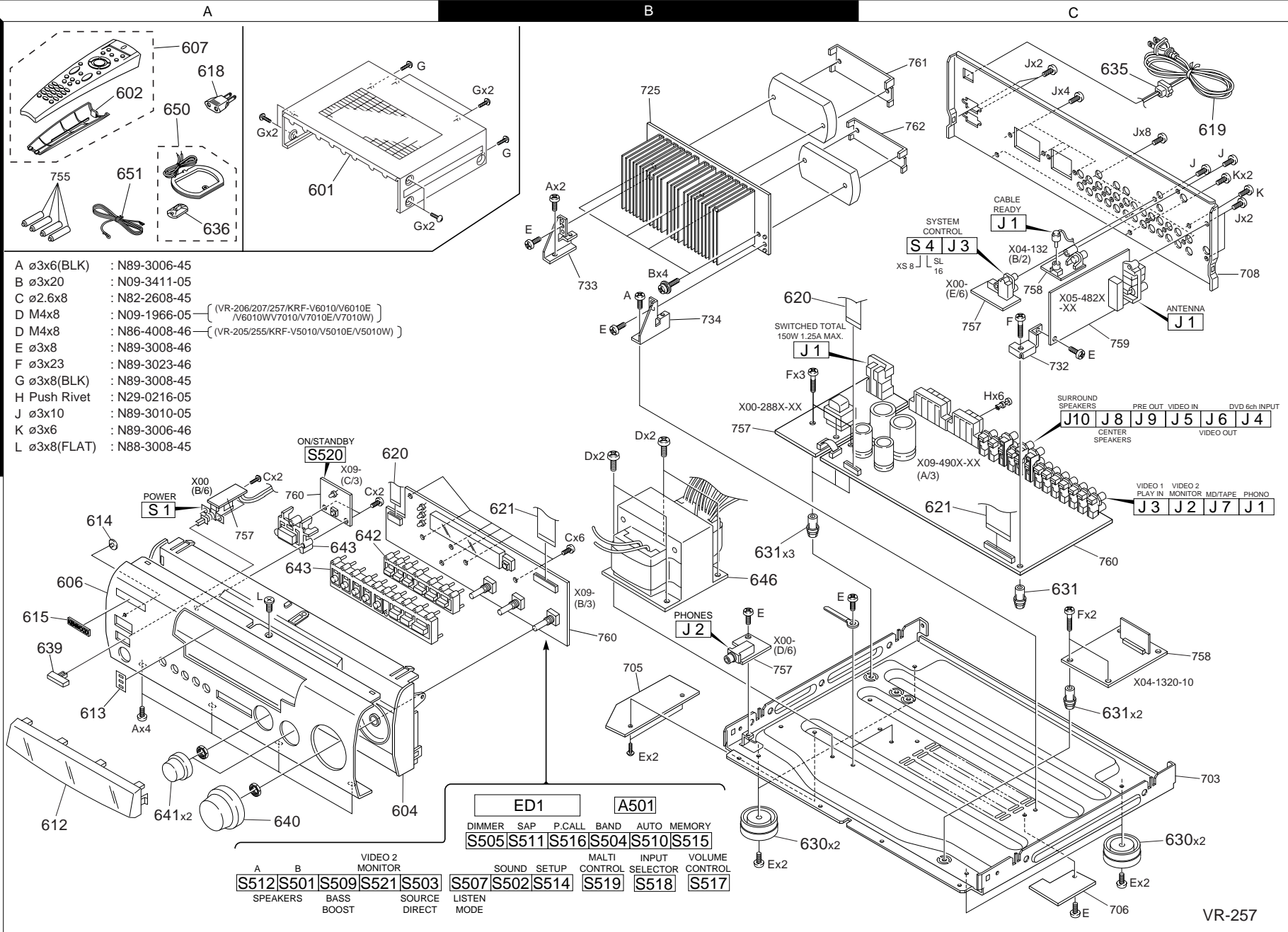
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, 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.

KRF-V5010/V6010/V7010/VR-205/206/207/255/257

- IC1 : TA7815SB
 - IC2 : TA79015SB
 - IC3 : *
 - IC4 : *
 - IC5 : NJM4580ED
 - IC6 : TC9164AF
 - IC7 : TC9162AF
 - IC8,12 : NJM4565MD
 - IC9 : M62446FP
 - IC16 : M62460AFP
 - IC17 : BU4066BCF
 - IC18 : NJM2279M
 - IC19 : M5278L05M
- Q1-11 : 2SC2878(B)
 - Q12,40,42 : 2SC4213(B)
 - Q13,14 : 2SA1585(V,GR) or 2SA1161(M5,M6)
 - Q15-19 : 2SC1845(F,E)
 - Q20-23 : DTC123ZUA
 - Q24,25,32-34,36,37 : 2SC3722K(R,S)
 - Q26,35 : 2SA1255
 - Q29 : 2SC2631(S,T)
 - Q30 : 2SA1123(S,T)
 - Q31 : *
 - Q41 : TH1 : PTH9C42BD471Q

| INPUT | MONITOR | VIDEO REC | V-A | V-B | MUTE |
|-----------|---------|-----------|-----|-----|------|
| VIDEO1 | | X | L | L | L |
| VIDEO2 | | | L | H | H |
| Sch INPUT | | | H | H | H |





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| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|---|----------|-----------|-------------|-------------------------------|--------------|----------|
| VR-206/207/257/KRF-V7010/V7010E/V7010W | | | | | | |
| 601 | 1A | * | A01-3534-01 | METALLIC CABINET | KP1Y1 | |
| 601 | 1A | * | A01-3534-01 | METALLIC CABINET | M1X1K1 | |
| 601 | 1A | * | A01-3534-01 | METALLIC CABINET | P2K2P3 | |
| 601 | 1A | * | A01-3545-01 | METALLIC CABINET | E1T1Q1 | |
| 601 | 1A | * | A01-3545-01 | METALLIC CABINET | E2 | |
| 602 | 1A | | A09-0366-08 | BATTERY COVER | KP1Y1 | |
| 602 | 1A | | A09-0366-08 | BATTERY COVER | M1X1E1 | |
| 602 | 1A | | A09-0366-08 | BATTERY COVER | P2E2 | |
| 602 | 1A | | A09-0366-08 | BATTERY COVER | T1Q1K1 | |
| 602 | 1A | * | A09-0396-08 | BATTERY COVER | K2P3 | |
| 604 | 2A | * | A22-1804-11 | SUB PANEL | E1T1Q1 | |
| 604 | 2A | * | A22-1804-11 | SUB PANEL | E2 | |
| 606 | 2A | * | A60-1319-12 | PANEL | E1T1Q1 | |
| 606 | 2A | * | A60-1319-12 | PANEL | E2 | |
| 606 | 2A | * | A60-1320-11 | PANEL | KP1 | |
| 606 | 2A | * | A60-1321-11 | PANEL | Y1 | |
| 606 | 2A | * | A60-1368-11 | PANEL | K1P2 | |
| 606 | 2A | * | A60-1375-11 | PANEL | K2P3 | |
| 606 | 2A | * | A60-1443-01 | PANEL | M1X1 | |
| 607 | 1A | | A70-1194-05 | REMOTE CONTROL ASSY(RC-R0607) | KP1Y1 | |
| 607 | 1A | | A70-1194-05 | REMOTE CONTROL ASSY(RC-R0607) | M1K1P2 | |
| 607 | 1A | * | A70-1195-05 | REMOTE CONTROL ASSY(RC-R0507) | Q1E2 | |
| 607 | 1A | * | A70-1195-05 | REMOTE CONTROL ASSY(RC-R0507) | X1E1T1 | |
| 607 | 1A | * | A70-1199-05 | REMOTE CONTROL ASSY(RC-R0407) | K2P3 | |
| 612 | 2A | * | B10-2439-02 | FRONT GLASS | KP1Y1 | |
| 612 | 2A | * | B10-2439-02 | FRONT GLASS | M1X1E1 | |
| 612 | 2A | * | B10-2439-02 | FRONT GLASS | P3E2 | |
| 612 | 2A | * | B10-2439-02 | FRONT GLASS | T1Q1K2 | |
| 612 | 2A | * | B10-2440-02 | FRONT GLASS | K1P2 | |
| 613 | 2A | | B11-0361-04 | SMOKED FILTER | K1P2 | |
| 613 | 2A | * | B11-0362-04 | SMOKED FILTER | K1P2 | |
| 614 | 2A | * | B12-0334-14 | INDICATOR | | |
| 615 | 2A | | B43-0302-04 | KENWOOD BADGE | | |
| - | - | | B46-0096-53 | WARRANTY CARD | X1 | |
| - | - | | B46-0197-00 | QUESTIONNAIRE CARD | KK1K2 | |
| - | - | | B46-0310-03 | WARRANTY CARD | E1T1Q1 | |
| - | - | | B46-0310-03 | WARRANTY CARD | E2 | |
| - | - | | B46-0330-03 | WARRANTY CARD | KY1K1 | |
| - | - | | B46-0330-03 | WARRANTY CARD | K2 | |
| - | - | | B46-0336-03 | WARRANTY CARD | P1P2P3 | |
| - | - | | B58-0513-04 | CAUTION CARD (PRESET220-240) | Y1 | |
| - | - | | B58-0945-03 | CAUTION CARD | T1 | |
| - | - | | B58-0964-13 | CAUTION CARD (UL) | KY1K1 | |
| - | - | | B58-0964-13 | CAUTION CARD (UL) | K2 | |
| - | - | * | B58-0965-13 | CAUTION CARD (T,XtypePL) | X1T1 | |
| - | - | * | B58-0966-13 | CAUTION CARD (ELMtypePL) | M1E1 | |
| - | - | * | B58-0967-03 | CAUTION CARD (PtypePL) | P1P2P3 | |
| - | - | * | B58-1607-03 | CAUTION CARD | Q1E2 | |
| - | - | | B59-1104-00 | SERVICE DIRECTORY | Y1 | |
| - | - | * | B59-1404-03 | CATALOG | KP1K2 | |
| - | - | * | B59-1404-03 | CATALOG | P3 | |
| - | - | * | B59-1406-00 | CATALOG | KP1K2 | |
| - | - | * | B59-1406-00 | CATALOG | P3 | |

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|---------|----------|-----------|-------------|--------------------------------|--------------|----------|
| - | - | * | B59-1407-00 | CATALOG | P1P3 | |
| - | - | * | B60-3605-00 | INSTRUCTION MANUAL(I/SP) | E1 | |
| - | - | * | B60-3606-00 | INSTRUCTION MANUAL(HG/CZ) | E2 | |
| - | - | * | B60-3609-00 | INSTRUCTION MANUAL(ENGLISH) | T1Q1E2 | |
| - | - | * | B60-3610-00 | INSTRUCTION MANUAL(ENGLISH) | KP1Y1 | |
| - | - | * | B60-3610-00 | INSTRUCTION MANUAL(ENGLISH) | M1X1K1 | |
| - | - | * | B60-3610-00 | INSTRUCTION MANUAL(ENGLISH) | P2K2P3 | |
| - | - | * | B60-3611-00 | INSTRUCTION MANUAL(F/D) | E1 | |
| - | - | * | B60-3612-00 | INSTRUCTION MANUAL(FRENCH) | P1P2P3 | |
| - | - | * | B60-3613-00 | INSTRUCTION MANUAL(GERMAN) | E1 | |
| - | - | * | B60-3614-00 | INSTRUCTION MANUAL(SP/CHINESE) | M1 | |
| - | - | * | B60-3616-00 | INSTRUCTION MANUAL(PH) | E2 | |
| - | - | * | B60-3617-00 | INSTRUCTION MANUAL(ENGLISH) | E2 | |
| - | - | * | B60-3617-00 | INSTRUCTION MANUAL(ENGLISH) | X1T1Q1 | |
| - | - | * | B60-3618-00 | INSTRUCTION MANUAL(ENGLISH) | KP1Y1 | |
| - | - | * | B60-3618-00 | INSTRUCTION MANUAL(ENGLISH) | M1K1P2 | |
| - | - | * | B60-3619-00 | INSTRUCTION MANUAL(F/D/I/SP) | E1 | |
| - | - | * | B60-3620-00 | INSTRUCTION MANUAL(FRENCH) | P1P2 | |
| - | - | * | B60-3621-00 | INSTRUCTION MANUAL(SP/CHINESE) | M1 | |
| - | - | * | B60-3623-00 | INSTRUCTION MANUAL(PH/HG/CZ/R) | Q1E2 | |
| - | - | * | B60-3625-00 | INSTRUCTION MANUAL(E/F) | K1P2 | |
| - | - | * | B60-3626-00 | INSTRUCTION MANUAL(R) | Q1 | |
| Δ 618 | 1A | | E03-0115-05 | AC PLUG ADAPTER | M1 | |
| Δ 619 | 1C | | E30-2605-05 | AC POWER CORD | Y1 | |
| Δ 619 | 1C | | E30-2717-05 | AC POWER CORD | X1 | |
| Δ 619 | 1C | | E30-2721-05 | AC POWER CORD | T1 | |
| Δ 619 | 1C | | E30-2842-05 | AC POWER CORD | E2 | |
| Δ 619 | 1C | | E30-2842-05 | AC POWER CORD | M1E1Q1 | |
| Δ 619 | 1C | | E30-2849-05 | AC POWER CORD | KP1K1 | |
| Δ 619 | 1C | | E30-2849-05 | AC POWER CORD | P2K2P3 | |
| 620 | 1A,1B | | E35-2017-05 | FLAT CABLE(13P) | | |
| 621 | 2B,2C | * | E35-2042-05 | FLAT CABLE(27P) | | |
| Δ F1 | | | F50-0077-05 | FUSE(5X20) 125V 8A | KP1K1 | |
| Δ F1 | | | F50-0077-05 | FUSE(5X20) 125V 8A | P2K2P3 | |
| Δ F1 | | | F50-0101-05 | FUSE(5X20) 250V T3.15AL | E1T1Q1 | |
| Δ F1 | | | F50-0101-05 | FUSE(5X20) 250V T3.15AL | E2 | |
| Δ F1 | | | F50-0101-05 | FUSE(5X20) 250V T3.15AL | Y1M1X1 | |
| Δ F3 | | | F50-0100-05 | FUSE(5X20) 250V T2.5AL | E1Q1E2 | |
| - | - | | H10-7418-12 | POLYSTYRENE FOAMED FIXTURE(L) | | |
| - | - | | H10-7419-02 | POLYSTYRENE FOAMED FIXTURE(R) | | |
| - | - | | H25-0232-04 | PROTECTION BAG (235X350X0.03) | KP1Y1 | |
| - | - | | H25-0232-04 | PROTECTION BAG (235X350X0.03) | K2P3E2 | |
| - | - | | H25-0232-04 | PROTECTION BAG (235X350X0.03) | M1X1E1 | |
| - | - | | H25-0232-04 | PROTECTION BAG (235X350X0.03) | Q1K1P2 | |
| - | - | | H25-0391-04 | PROTECTION BAG | T1 | |
| - | - | | H25-0651-04 | PROTECTION BAG (0232 PRINT) | KP1 | |
| - | - | * | H50-2721-04 | ITEM CARTON CASE | M1 | |
| - | - | * | H50-2722-04 | ITEM CARTON CASE | M1 | |
| - | - | * | H50-2723-04 | ITEM CARTON CASE | T1 | |
| - | - | * | H50-2723-04 | ITEM CARTON CASE | Y1X1E1 | |
| - | - | * | H50-2724-14 | ITEM CARTON CASE | Q1 | |
| - | - | * | H50-2725-04 | ITEM CARTON CASE | K1P2 | |
| - | - | * | H50-2844-04 | ITEM CARTON CASE | K2P3 | |

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KRF-V5010W6010W7010WVR-205/206/207/255/257
PARTS LIST

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③

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|---|----------|-----------|-------------|-----------------------|--------------|----------|
| - | | * | H50-3085-04 | ITEM CARTON CASE | E2 | |
| 630 | 2B,2C | | J02-1167-03 | FOOT | M1X1E1 | |
| 630 | 2B,2C | | J02-1167-03 | FOOT | T1Q1E2 | |
| 630 | 2B,2C | | J02-1405-03 | FOOT (D=46,H=14.5,T) | KP1Y1 | |
| 630 | 2B,2C | | J02-1405-03 | FOOT (D=46,H=14.5,T) | K1P2K2 | |
| 630 | 2B,2C | | J02-1405-03 | FOOT (D=46,H=14.5,T) | P3 | |
| 635 | 2B,2C | | J19-5787-04 | UNIT HOLDER | | |
| 636 | 1C | | J42-0083-05 | POWER CORD BUSHING | | |
| - | 1A | | J19-3645-05 | ANTENNA STAND | | |
| - | | | J61-0307-05 | WIRE BAND | | |
| 639 | 2A | | K27-2185-04 | KNOB (POWER) | M1X1E1 | |
| 639 | 2A | | K27-2185-04 | KNOB (POWER) | T1Q1E2 | |
| 639 | 2A | * | K27-2274-04 | KNOB (POWER) | Y1 | |
| 640 | 2A | * | K29-6880-04 | KNOB (VOLUME CONTROL) | KP1Y1 | |
| 640 | 2A | * | K29-6880-04 | KNOB (VOLUME CONTROL) | K1P2K2 | |
| 640 | 2A | | K29-6880-04 | KNOB (VOLUME CONTROL) | P3 | |
| 640 | 2A | * | K29-7306-14 | KNOB (VOLUME CONTROL) | M1X1E1 | |
| 640 | 2A | * | K29-7306-14 | KNOB (VOLUME CONTROL) | T1Q1E2 | |
| 641 | 2A | | K29-6881-04 | KNOB (MULTI CONTROL) | KP1Y1 | |
| 641 | 2A | | K29-6881-04 | KNOB (MULTI CONTROL) | K1P2K2 | |
| 641 | 2A | | K29-6881-04 | KNOB (MULTI CONTROL) | P3 | |
| 641 | 2A | * | K29-7307-14 | KNOB (MULTI CONTROL) | M1X1E1 | |
| 641 | 2A | * | K29-7307-14 | KNOB (MULTI CONTROL) | T1Q1E2 | |
| 642 | 2A | | K29-6898-03 | KNOB | KP1Y1 | |
| 642 | 2A | | K29-6898-03 | KNOB | K2P3 | |
| 642 | 2A | * | K29-6899-13 | KNOB | E1T1Q1 | |
| 642 | 2A | * | K29-6899-13 | KNOB | E2 | |
| 642 | 2A | * | K29-6907-03 | KNOB | K1P2 | |
| 642 | 2A | * | K29-7366-03 | KNOB | M1X1 | |
| 643 | 2A | * | K29-6939-12 | KNOB | KP1Y1 | |
| 643 | 2A | * | K29-6939-12 | KNOB | K1P2K2 | |
| 643 | 2A | * | K29-6939-12 | KNOB | P3 | |
| 643 | 2A | * | K29-7365-12 | KNOB | M1X1 | |
| 646 | 2A | * | L07-2479-05 | POWER TRANSFORMER | KP1K1 | |
| 646 | 2A | * | L07-2479-05 | POWER TRANSFORMER | P2K2P3 | |
| 646 | 2A | * | L07-2480-05 | POWER TRANSFORMER | E1T1 | |
| 646 | 2A | * | L07-2481-05 | POWER TRANSFORMER | Y1M1 | |
| 646 | 2A | * | L07-2482-05 | POWER TRANSFORMER | Q1E2 | |
| 646 | 2A | * | L07-2483-05 | POWER TRANSFORMER | X1 | |
| 650 | 1A | | T90-0833-05 | LOOP ANTENNA | | |
| 651 | 1A | | T90-0836-05 | LEAD WIRE ANTENNA | | |
| VR-205/255/KRF-V5010/V5010E/V5010W | | | | | | |
| 601 | 1A | | A01-3534-01 | METALLIC CABINET | | |
| 602 | 1A | | A09-0366-08 | BATTERY COVER | K1P2 | |
| 602 | 1A | * | A09-0396-08 | BATTERY COVER | KP1Y1 | |
| 602 | 1A | * | A09-0396-08 | BATTERY COVER | M1X1E1 | |
| 602 | 1A | * | A09-0396-08 | BATTERY COVER | T1Q1E2 | |
| 606 | 2A | * | A60-1323-21 | PANEL | KP1 | |
| 606 | 2A | * | A60-1324-21 | PANEL | Y1 | |
| 606 | 2A | * | A60-1359-21 | PANEL | E1T1Q1 | |
| 606 | 2A | * | A60-1359-21 | PANEL | E2 | |
| 606 | 2A | * | A60-1376-21 | PANEL | K1P2 | |

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|---------|----------|-----------|-------------|--------------------------------|--------------|----------|
| 606 | 2A | * | A60-1444-01 | PANEL | M1X1 | |
| 607 | 1A | | A70-1194-05 | REMOTE CONTROL ASSY(RC-R0607) | K1P2 | |
| 607 | 1A | * | A70-1196-05 | REMOTE CONTROL ASSY(RC-R0307) | E1T1Q1 | |
| 607 | 1A | * | A70-1196-05 | REMOTE CONTROL ASSY(RC-R0307) | E2 | |
| 607 | 1A | * | A70-1199-05 | REMOTE CONTROL ASSY(RC-R0407) | KP1Y1 | |
| 607 | 1A | * | A70-1199-05 | REMOTE CONTROL ASSY(RC-R0407) | M1X1 | |
| 612 | 2A | * | B10-2439-02 | FRONT GLASS | | |
| 614 | 2A | | B12-0334-14 | INDICATOR | | |
| 615 | 2A | | B43-0302-04 | KENWOOD BADGE | | |
| - | | | B46-0096-53 | WARRANTY CARD | X1 | |
| - | | | B46-0197-00 | QUESTIONNAIRE CARD | KK1 | |
| - | | | B46-0310-03 | WARRANTY CARD | E1T1Q1 | |
| - | | | B46-0310-03 | WARRANTY CARD | E2 | |
| - | | | B46-0330-03 | WARRANTY CARD | KY1K1 | |
| - | | | B46-0336-03 | WARRANTY CARD | P1P2 | |
| - | | | B58-0513-04 | CAUTION CARD (PRESET220-240) | Y1 | |
| - | | | B58-0945-03 | CAUTION CARD | T1 | |
| - | | | B58-0964-13 | CAUTION CARD (UL) | KY1K1 | |
| - | | * | B58-0965-13 | CAUTION CARD (T,XtypePL) | X1T1 | |
| - | | * | B58-0966-13 | CAUTION CARD (ELMtypePL) | M1E1 | |
| - | | * | B58-0967-03 | CAUTION CARD (PtypePL) | P1P2 | |
| - | | * | B58-1607-03 | CAUTION CARD | Q1E2 | |
| - | | | B59-1104-00 | SERVICE DIRECTORY | Y1 | |
| - | | * | B59-1404-03 | CATALOG | KP1K1 | |
| - | | * | B59-1404-03 | CATALOG | P2 | |
| - | | * | B59-1406-00 | CATALOG | KP1K1 | |
| - | | * | B59-1406-00 | CATALOG | P2 | |
| - | | * | B59-1407-00 | CATALOG | P1P2 | |
| - | | * | B60-3605-00 | INSTRUCTION MANUAL(I/SP) | E1 | |
| - | | * | B60-3606-00 | INSTRUCTION MANUAL(HG/CZ) | E2 | |
| - | | * | B60-3609-00 | INSTRUCTION MANUAL(ENGLISH) | T1Q1E2 | |
| - | | * | B60-3610-00 | INSTRUCTION MANUAL(ENGLISH) | KP1Y1 | |
| - | | * | B60-3610-00 | INSTRUCTION MANUAL(ENGLISH) | M1X1K1 | |
| - | | * | B60-3610-00 | INSTRUCTION MANUAL(ENGLISH) | P2 | |
| - | | * | B60-3611-00 | INSTRUCTION MANUAL(F/D) | E1 | |
| - | | * | B60-3612-00 | INSTRUCTION MANUAL(FRENCH) | P1P2 | |
| - | | * | B60-3613-00 | INSTRUCTION MANUAL(GERMAN) | E1 | |
| - | | * | B60-3614-00 | INSTRUCTION MANUAL(SP/CHINESE) | M1 | |
| - | | * | B60-3616-00 | INSTRUCTION MANUAL(PH) | E2 | |
| - | | * | B60-3618-00 | INSTRUCTION MANUAL(ENGLISH) | K1P2 | |
| - | | * | B60-3620-00 | INSTRUCTION MANUAL(FRENCH) | P2 | |
| Δ 618 | 1A | | E03-0115-05 | AC PLUG ADAPTER | M1 | |
| Δ 619 | 1C | | E30-2605-05 | AC POWER CORD | Y1 | |
| Δ 619 | 1C | | E30-2717-05 | AC POWER CORD | X1 | |
| Δ 619 | 1C | | E30-2721-05 | AC POWER CORD | T1 | |
| Δ 619 | 1C | | E30-2842-05 | AC POWER CORD | E2 | |
| Δ 619 | 1C | | E30-2842-05 | AC POWER CORD | M1E1Q1 | |
| Δ 619 | 1C | | E30-2849-05 | AC POWER CORD | KP1K1 | |
| Δ 619 | 1C | | E30-2849-05 | AC POWER CORD | P2 | |
| 620 | 1A,1B | | E35-2017-05 | FLAT CABLE | | |
| 621 | 2B,2C | * | E35-2042-05 | FLAT CABLE | | |
| Δ F1 | | | F50-0076-05 | FUSE(5X20) 125V 6.3A | KP1K1 | |
| Δ F1 | | | F50-0076-05 | FUSE(5X20) 125V 6.3A | P2 | |
| Δ F2 | | * | F50-0099-05 | FUSE(5X20) 250V T2AL | E1T1Q1 | |

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|---------|---------|-----------|-------------|-------------------------------|-------------|---------|
| Δ F2 | | * | F50-0099-05 | FUSE(5X20) 250V T2AL | E2 | |
| Δ F2 | | * | F50-0099-05 | FUSE(5X20) 250V T2AL | Y1M1X1 | |
| Δ F3 | | | F50-0100-05 | FUSE(5X20) 250V T2.5AL | E1Q1E2 | |
| - | | | H10-7418-12 | POLYSTYRENE FOAMED FIXTURE(L) | | |
| - | | | H10-7419-02 | POLYSTYRENE FOAMED FIXTURE(R) | | |
| - | | | H25-0232-04 | PROTECTION BAG (235X350X0.03) | E2 | |
| - | | | H25-0232-04 | PROTECTION BAG (235X350X0.03) | KP1Y1 | |
| - | | | H25-0232-04 | PROTECTION BAG (235X350X0.03) | M1X1E1 | |
| - | | | H25-0232-04 | PROTECTION BAG (235X350X0.03) | Q1K1P2 | |
| - | | | H25-0232-04 | PROTECTION BAG (235X350X0.03) | | |
| - | | | H25-0391-04 | PROTECTION BAG | | |
| - | | | H25-0651-04 | PROTECTION BAG (0232 PRI) | T1 | |
| - | | * | H50-2727-04 | ITEM CARTON CASE | KP1 | |
| - | | * | H50-2728-04 | ITEM CARTON CASE | M1 | |
| - | | * | H50-2729-04 | ITEM CARTON CASE | T1 | |
| - | | * | H50-2729-04 | ITEM CARTON CASE | Y1X1E1 | |
| - | | * | H50-2730-14 | ITEM CARTON CASE | Q1 | |
| - | | * | H50-2731-04 | ITEM CARTON CASE | K1P2 | |
| - | | * | H50-3086-04 | ITEM CARTON CASE | E2 | |
| 630 | 2B,2C | | J02-1167-03 | FOOT | M1X1E1 | |
| 630 | 2B,2C | | J02-1167-03 | FOOT | T1Q1E2 | |
| 630 | 2B,2C | | J02-1405-03 | FOOT (D=46,H=14.5,T) | KP1Y1 | |
| 630 | 2B,2C | | J02-1405-03 | FOOT (D=46,H=14.5,T) | K1P2 | |
| 631 | 2B,2C | | J19-5787-04 | UNIT HOLDER | | |
| Δ 635 | 1C | | J42-0083-05 | POWER CORD BUSHING | | |
| 636 | 1A | | J19-3645-05 | ANTENNA STAND | E1T1Q1 | |
| - | | | J61-0307-05 | WIRE BAND | E2 | |
| - | | | J61-0307-05 | WIRE BAND | Y1M1X1 | |
| - | | | J61-0307-05 | WIRE BAND | | |
| 639 | 2A | | K27-2185-04 | KNOB (POWER) | M1X1E1 | |
| 639 | 2A | | K27-2185-04 | KNOB (POWER) | T1Q1E2 | |
| 639 | 2A | * | K27-2274-04 | KNOB (POWER) | Y1 | |
| 640 | 2A | | K29-6880-04 | KNOB (VOLUME CONTROL) | KP1Y1 | |
| 640 | 2A | | K29-6880-04 | KNOB (VOLUME CONTROL) | K1P2 | |
| 640 | 2A | * | K29-7306-14 | KNOB (VOLUME CONTROL) | M1X1E1 | |
| 640 | 2A | * | K29-7306-14 | KNOB (VOLUME CONTROL) | T1Q1E2 | |
| 641 | 2A | | K29-6881-04 | KNOB (MULTI CONTROL) | KP1Y1 | |
| 641 | 2A | | K29-6881-04 | KNOB (MULTI CONTROL) | K1P2 | |
| 641 | 2A | * | K29-7307-14 | KNOB (MULTI CONTROL) | M1X1E1 | |
| 641 | 2A | * | K29-7307-14 | KNOB (MULTI CONTROL) | T1Q1E2 | |
| 642 | 2A | | K29-6898-03 | KNOB | KP1Y1 | |
| 642 | 2A | | K29-6898-03 | KNOB | K1P2 | |
| 642 | 2A | * | K29-6899-13 | KNOB | E1T1Q1 | |
| 642 | 2A | * | K29-6899-13 | KNOB | E2 | |
| 642 | 2A | * | K29-7366-03 | KNOB | M1X1 | |
| 643 | 2A | * | K29-6939-12 | KNOB | KP1Y1 | |
| 643 | 2A | * | K29-6939-12 | KNOB | K1P2 | |
| 643 | 2A | * | K29-7365-12 | KNOB | M1X1E1 | |
| 643 | 2A | * | K29-7365-12 | KNOB | T1Q1E2 | |
| Δ 646 | 2A | * | L07-2470-15 | POWER TRANSFORMER | KP1K1 | |
| Δ 646 | 2A | * | L07-2470-15 | POWER TRANSFORMER | P2 | |
| Δ 646 | 2A | * | L07-2471-05 | POWER TRANSFORMER | E1T1 | |
| Δ 646 | 2A | * | L07-2472-05 | POWER TRANSFORMER | Y1M1 | |
| Δ 646 | 2A | * | L07-2473-05 | POWER TRANSFORMER | Q1E2 | |
| Δ 646 | 2A | * | L07-2474-05 | POWER TRANSFORMER | X1 | |

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|--------------------------------|---------|-----------|-------------|--------------------------------|-------------|---------|
| 650 | 1A | | T90-0833-05 | LOOP ANTENNA | | |
| 651 | 1A | | T90-0836-05 | LEAD WIRE ANTENNA | | |
| KRF-V6010/V6010E/V6010W | | | | | | |
| 601 | 1A | * | A01-3534-01 | METALLIC CABINET | | |
| 602 | 1A | * | A09-0396-08 | BATTERY COVER | | |
| 606 | 2A | * | A60-1334-11 | PANEL | | EQ1E1 |
| 606 | 2A | * | A60-1335-11 | PANEL | | M1X1 |
| 607 | 1A | * | A70-1196-05 | REMOTE CONTROL ASSY(RC-R0307) | | EQ1E1 |
| 607 | 1A | * | A70-1199-05 | REMOTE CONTROL ASSY(RC-R0407) | | M1X1 |
| 612 | 2A | * | B10-2439-02 | FRONT GLASS | | |
| 614 | 2A | * | B12-0334-14 | INDICATOR | | |
| 615 | 2A | * | B43-0302-04 | KENWOOD BADGE | | |
| - | | | B46-0096-53 | WARRANTY CARD | | X1 |
| - | | | B46-0310-03 | WARRANTY CARD | | E1Q1E2 |
| - | | * | B58-0965-13 | CAUTION CARD (T.XtyoePL) | | X1 |
| - | | * | B58-0966-13 | CAUTION CARD (ELMtypePL) | | E1M1 |
| - | | * | B58-1607-03 | CAUTION CARD | | Q1E2 |
| - | | * | B60-3605-00 | INSTRUCTION MANUAL(I/SP) | | E1 |
| - | | * | B60-3606-00 | INSTRUCTION MANUAL(HG/CZ) | | E2 |
| - | | * | B60-3609-00 | INSTRUCTION MANUAL(ENGLISH) | | Q1E2 |
| - | | * | B60-3610-00 | INSTRUCTION MANUAL(ENGLISH) | | M1X1 |
| - | | * | B60-3611-00 | INSTRUCTION MANUAL(F/D) | | E1 |
| - | | * | B60-3614-00 | INSTRUCTION MANUAL(SP/CHINESE) | | M1 |
| - | | * | B60-3616-00 | INSTRUCTION MANUAL(PH) | | E2 |
| - | | * | B60-3626-00 | INSTRUCTION MANUAL(R) | | Q1 |
| Δ 618 | 1A | | E03-0115-05 | AC PLUG ADAPTER | | M1 |
| Δ 619 | 1C | | E30-2717-05 | AC POWER CORD | | X1 |
| Δ 619 | 1C | | E30-2842-05 | AC POWER CORD | | E1Q1M1 |
| Δ 619 | 1C | | E30-2842-05 | AC POWER CORD | | E2 |
| 620 | 1A,1B | * | E35-2017-05 | FLAT CABLE(13P) | | |
| 621 | 2B,2C | * | E35-2042-05 | FLAT CABLE(27P) | | |
| Δ F1 | | | F50-0101-05 | FUSE(5X20) 250V T3.15AL | | |
| Δ F3 | | | F50-0100-05 | FUSE(5X20) 250V T2.5AL | | E1Q1E2 |
| - | | * | H10-7418-12 | POLYSTYRENE FOAMED FIXTURE | | |
| - | | * | H10-7419-02 | POLYSTYRENE FOAMED FIXTURE | | |
| - | | * | H25-0232-04 | PROTECTION BAG (235X350X0.03) | | |
| - | | * | H25-0391-04 | PROTECTION BAG | | |
| - | | * | H50-2750-04 | ITEM CARTON CASE | | E1X1 |
| - | | * | H50-2751-14 | ITEM CARTON CASE | | Q1 |
| - | | * | H50-2752-04 | ITEM CARTON CASE | | M1 |
| - | | * | H50-3087-04 | ITEM CARTON CASE | | E2 |
| 630 | 2B,2C | | J02-1167-03 | FOOT | | |
| 631 | 2B,2C | | J19-5787-04 | UNIT HOLDER | | |
| 635 | 1C | | J42-0083-05 | POWER CORD BUSHING | | |
| 636 | 1A | | J19-3645-05 | ANTENNA STAND | | |
| - | | | J61-0307-05 | WIRE BAND | | |
| 639 | 2A | | K27-2185-04 | KNOB (POWER) | | |
| 640 | 2A | * | K29-7306-14 | KNOB (VOLUME CONTROL) | | |
| 641 | 2A | * | K29-7307-14 | KNOB (MULTI CONTROL) | | |
| 641 | 2A | * | K29-7366-03 | KNOB | | M1X1 |
| 642 | 2A | * | K29-6899-13 | KNOB | | E1Q1E2 |

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KRF-V5010/V6010/V7010/VR-205/206/207/255/257
 PARTS LIST

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|--|---------|-----------|---------------|--------------------------|-------------|---------|
| 643 | 2A | * | K29-7365-12 | KNOB | | |
| △ 646 | 2A | * | L07-2480-05 | POWER TRANSFORMER | E1 | |
| △ 646 | 2A | * | L07-2481-05 | POWER TRANSFORMER | M1 | |
| △ 646 | 2A | * | L07-2482-05 | POWER TRANSFORMER | Q1E2 | |
| △ 646 | 2A | * | L07-2483-05 | POWER TRANSFORMER | X1 | |
| 650 | 1A | | T90-0833-05 | LOOP ANTENNA | | |
| 651 | 1A | | T90-0836-05 | LEAD WIRE ANTENNA | | |
| POWER SUPPLY UNIT (X00-288X-XX) | | | | | | |
| C5 ,6 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | | |
| C7 | | | CE04EW1E331M | ELECTRO 330UF 25WV | | |
| C8 | | | CK45FB1H102K | CERAMIC 1000PF K | | |
| C9 | | | CQ92FM1H104J | MYLAR 0.10UF J | | |
| C10 | | | CE04LW1C470M | ELECTRO 47UF 16WV | | |
| C11 | | | CE04LW1V4R7M | ELECTRO 4.7UF 35WV | | |
| C13 ,14 | | | CC45FSL1H101J | CERAMIC 100PF J | | |
| C21 ,22 | | | CC45FSL1H221J | CERAMIC 220PF J | | |
| C23 -25 | | | CK45FF1H472Z | CERAMIC 4700PF Z | E1T1Q1 | 7 |
| C23 -25 | | | CK45FF1H472Z | CERAMIC 4700PF Z | E2 | 7 |
| △ CN1 | | | E40-4245-05 | PIN ASSY | Y1M1 | |
| △ CN1 -3 | | | E40-4245-05 | PIN ASSY | Q1E2 | |
| △ CN1 -3 | | | E40-4245-05 | PIN ASSY | X1E1T1 | |
| △ CN1 ,2 | | | E40-4245-05 | PIN ASSY | KP1K1 | |
| △ CN1 ,2 | | | E40-4245-05 | PIN ASSY | P2K2P3 | |
| CN3 | | | E40-4245-05 | PIN ASSY | Y1M1 | |
| CN4 | | | E40-8197-05 | SOCKET FOR PIN ASSY | | |
| CN11 | | | E40-4281-05 | PIN ASSY | Y1M1 | |
| CN12,13 | | | E40-3247-05 | PIN ASSY | | |
| CN14 | | | E40-4101-05 | PIN ASSY | E1T1Q1 | |
| △ CN14 | | | E40-4101-05 | PIN ASSY | E2 | |
| △ J1 | | | E03-0148-05 | AC OUTLET | KP1Y1 | |
| △ J1 | | | E03-0148-05 | AC OUTLET | K1P2K2 | |
| △ J1 | | | E03-0148-05 | AC OUTLET | P3 | |
| △ J1 | | | E03-0149-05 | AC OUTLET | E2 | |
| △ J1 | | | E03-0149-05 | AC OUTLET | M1E1Q1 | |
| △ J1 | | | E03-0310-05 | AC OUTLET | T1 | |
| △ J1 | | | E03-0325-05 | AC OUTLET | X1 | |
| J2 | | | E11-0295-05 | PHONE JACK (3P) | | |
| J3 | | | E11-0347-05 | MINIATURE PHONE JACK(2P) | | |
| J4 | | | E70-0089-05 | SCREW TERMINAL BOARD | E1T1Q1 | 7 |
| J4 | | | E70-0089-05 | SCREW TERMINAL BOARD | E2 | 7 |
| CN5 ,6 | | | J13-0075-05 | FUSE CLIP | | |
| CN7 ,8 | | | J13-0075-05 | FUSE CLIP | Y1M1 | |
| CN9 ,10 | | | J13-0075-05 | FUSE CLIP | E1Q1E2 | |
| E1 | | | J11-0808-05 | WIRE CLAMPER | | |
| △ T1 | | | L07-2127-05 | POWER TRANSFORMER | KP1K1 | |
| △ T1 | | | L07-2127-05 | POWER TRANSFORMER | P2K2P3 | |
| △ T1 | | | L07-2128-05 | POWER TRANSFORMER | Y1M1 | |
| △ T1 | | | L07-2129-05 | POWER TRANSFORMER | Q1E2 | |
| △ T1 | | | L07-2129-05 | POWER TRANSFORMER | X1E1T1 | |
| △ R1 | | | R92-1844-05 | CARBON 3.3M J 1/2W | KP1K1 | |
| △ R1 | | | R92-1844-05 | CARBON 3.3M J 1/2W | P2K2P3 | |
| K1 | | | S76-0070-05 | MAGNETIC RELAY | | |

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| △ S1 | | | S68-0088-05 | | | E1T1Q1 |
| △ S1 | | | S68-0088-05 | | | E2 |
| △ S1 | | | S68-0088-05 | | | Y1M1X1 |
| △ S2 ,3 | | | S62-0001-05 | SLIDE SWITCH | | Y1M1 |
| △ S4 | | | S62-0034-05 | SLIDE SWITCH | | |
| △ D1 -4 | | | S5688B | DIODE | | |
| △ D1 -4 | | | 1SR139-400 | DIODE | | |
| D5 | | | MTZJ6.2(B) | ZENER DIODE | | |
| D5 | | | RD6.2ES(B2) | ZENER DIODE | | |
| △ D6 ,7 | | | HSS104A | DIODE | | |
| △ D6 ,7 | | | 1SS133 | DIODE | | |
| △ D8 | | | MTZJ2.7(B) | ZENER DIODE | | |
| △ D8 | | | RD2.7ES(B2) | ZENER DIODE | | |
| △ D9 | | | HSS104A | DIODE | | |
| △ D9 | | | 1SS133 | DIODE | | |
| △ Q1 | | | 2SC3940A(R,S) | TRANSISTOR | | |
| △ Q2 | | | 2SC2003(L,K) | TRANSISTOR | | |
| MPX (SAP) UNIT (X04-1320-10) VR-257 ONLY | | | | | | |
| C1 ,2 | | | CE04LW1H100M | ELECTRO 10UF 50WV | | |
| C3 ,4 | | | CQ92FM1H102J | MYLAR 1000PF J | | |
| C5 | | | CE04LW1C470M | ELECTRO 47UF 16WV | | |
| C6 ,7 | | | CE04LW1H100M | ELECTRO 10UF 50WV | | |
| C8 ,9 | | | CC45FCH1H101J | CERAMIC 100PF J | | |
| C10 ,11 | | | CQ92FM1H102J | MYLAR 1000PF J | | |
| C14 ,15 | | | CQ92FM1H102J | MYLAR 1000PF J | | |
| C16 ,17 | | | CE04LW1C470M | ELECTRO 47UF 16WV | | |
| C41 | | | CK45FB1H102K | CERAMIC 1000PF K | | |
| C42 | | | CC45FCH1H470J | CERAMIC 47PF J | | |
| C43 | | | CK45FB1H102K | CERAMIC 1000PF K | | |
| CN4 | | | E40-4372-05 | PIN ASSY | | |
| CN5 | | | E40-3259-05 | PIN ASSY | | |
| J1 | | | E04-0026-05 | RF COAXIAL CABLE RECEPTACLE | | |
| J2 | | | E13-0194-05 | PHONO JACK (1P) | | |
| L41 ,42 | | * | L40-1091-82 | SMALL FIXED INDUCTOR(1.0UH) | | |
| R27 | | | RD14NB2E391J | RD 390 J 1/4W | | |
| R28 | | | RS14KB3A151J | FL-PROOF RS 150 J 1W | | |
| VR1 | | | R32-0036-05 | SEMI FIXED VARIABLE RESISTOR | | |
| D1 | | | HSS104A | DIODE | | |
| D1 | | | 1SS133 | DIODE | | |
| D2 | | | MTZJ3.3(B) | ZENER DIODE | | |
| D2 | | | RD3.3ES(B2) | ZENER DIODE | | |
| D3 ,4 | | | MTZJ8.2(B) | ZENER DIODE | | |
| D3 ,4 | | | RD8.2ES(B2) | ZENER DIODE | | |
| D5 | | | MTZJ5.1(B) | ZENER DIODE | | |
| D5 | | | RD5.1ES(B2) | ZENER DIODE | | |
| D41 -44 | | | HSS104A | DIODE | | |
| D41 -44 | | | 1SS133 | DIODE | | |
| IC1 ,2 | | | NJM4565D | ANALOGUE IC | | |
| IC3 | | | BU4052BC | MOS-IC | | |
| Q1 | | | DTA124ESA | DIGITAL TRANSISTOR | | |
| Q1 | | | UN4112 | DIGITAL TRANSISTOR | | |
| Q2 ,3 | | | DTC124ESA | DIGITAL TRANSISTOR | | |

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|---------------------------------|----------|-----------|---------------|-------------------------|--------------|----------|
| Q2 ,3 | | | UN4212 | DIGITAL TRANSISTOR | | |
| Q4 ,5 | | | 2SD1450(S,T) | TRANSISTOR | | |
| Q6 ,7 | | | 2SA1048(Y,GR) | TRANSISTOR | | |
| Q6 ,7 | | | 2SA1309A(Q,R) | TRANSISTOR | | |
| A1 | | | W02-2635-05 | ELECTRIC CIRCUIT MODULE | | |
| TUNER UNIT (X05-482X-XX) | | | | | | |
| C1 | | | CK73FB1H223K | CHIP C | | |
| C2 | | | CK73FB1H103K | CHIP C | | |
| C2 | | | CK73FB1H103K | CHIP C | | |
| C3 | | | CK73FB1H103K | CHIP C | | |
| C5 ,6 | | | CK73FB1H103K | CHIP C | | |
| C7 | | | CE04LW1C470M | ELECTRO | | |
| C8 | | | CK73EB1H103K | CHIP C | | |
| C8 | | | CK73EB1H103K | CHIP C | | |
| C8 | | | CK73EB1H103K | CHIP C | | |
| C10 | | | CE04LW1C470M | ELECTRO | | |
| C11 -13 | | | CK73FB1H473K | CHIP C | | |
| C14 | | | CE04LW1C100M | ELECTRO | | |
| C15 | | | CE04LW1H010M | ELECTRO | | |
| C16 | | | C90-3251-05 | ELECTRO | | |
| C17 | | | C90-3253-05 | ELECTRO | | |
| C18 | | | CC73FCH1H470J | CHIP C | | |
| C19 | | | C90-3217-05 | ELECTRO | | |
| C20 | | | CK73FB1H473K | CHIP C | | |
| C21 | | | C90-3241-05 | ELECTRO | | |
| C22 | | | CK73FB1H473K | CHIP C | | |
| C23 | | | CE04LW1C100M | ELECTRO | | |
| C24 | | | CK73FB1H331K | CHIP C | | |
| C25 | | | CC73FCH1H181J | CHIP C | | |
| C25 | | | CC73FCH1H181J | CHIP C | | |
| C25 | | | CC73FCH1H391J | CHIP C | | |
| C25 | | | CC73FCH1H391J | CHIP C | | |
| C26 | | | CK73FB1H183K | CHIP C | | |
| C26 | | | CK73FB1H183K | CHIP C | | |
| C26 | | | CK73FB1H223K | CHIP C | | |
| C26 | | | CK73FB1H223K | CHIP C | | |
| C26 | | | CK73FB1H223K | CHIP C | | |
| C27 | | | CE04HW1E4R7M | NP-ELEC | | |
| C28 ,29 | | | C90-3240-05 | ELECTRO | | |
| C30 ,31 | | | CK73FB1H223K | CHIP C | | |
| C30 ,31 | | | CK73FB1H223K | CHIP C | | |
| C30 ,31 | | | CK73FB1H333K | CHIP C | | |
| C30 ,31 | | | CK73FB1H333K | CHIP C | | |
| C32 | | | CE04LW1C100M | ELECTRO | | |
| C33 ,34 | | | CK73FB1H103K | CHIP C | | |
| C36 | | | CK73FB1H103K | CHIP C | | |
| C37 ,38 | | | C90-3217-05 | ELECTRO | | |
| C39 | | | CC73FCH1H060D | CHIP C | | |
| C40 | | | CC73FCH1H020C | CHIP C | | |
| C41 | | | CC73FCH1H220J | CHIP C | | |
| C42 | | | CC73FCH1H270J | CHIP C | | |
| C43 | | | CC73FCH1H220J | CHIP C | | |

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|---------|----------|-----------|---------------|-----------------------------|--------------|----------|
| C44 | | | CK73FB1H471K | CHIP C | | |
| C45 | | | CC73FCH1H220J | CHIP C | | |
| C46 | | | CE04LW1C100M | ELECTRO | | |
| C47 | | | CK73FB1H102K | CHIP C | | |
| C48 | | | CE04LW1C470M | ELECTRO | | |
| C49 | | | CE04LW1H2R2M | ELECTRO | | |
| C50 | | | CC73FSL1H101J | CHIP C | | |
| C51 | | | CK73FB1H471K | CHIP C | | |
| C52 | | | CC73FSL1H101J | CHIP C | | |
| C70 ,71 | | | CK73FB1H822K | CHIP C | | |
| C70 ,71 | | | CK73FB1H822K | CHIP C | | |
| C72 | | | CE04LW1H010M | ELECTRO | | |
| C73 | | | CE04LW1C470M | ELECTRO | | |
| C75 | | | CC73FCH1H040C | CHIP C | | |
| C76 | | | CC73FCH1H470J | CHIP C | | |
| C78 | | | CK73FB1H223K | CHIP C | | |
| C79 ,80 | | | CK73FB1H472K | CHIP C | | |
| C79 ,80 | | | CK73FB1H472K | CHIP C | | |
| C81 | | | CK73FF1C105Z | CHIP C | | |
| C82 | | | CK73FB1H103K | CHIP C | | |
| C82 | | | CK73FB1H103K | CHIP C | | |
| C83 | | | CC73FSL1H101J | CHIP C | | |
| C84 ,85 | | | CK73FB1H223K | CHIP C | | |
| C86 | | | CK73FB1H471K | CHIP C | | |
| CN1 | | | E40-9831-05 | SOCKET FOR PIN ASSY | | |
| CN1 | | | E40-9831-05 | SOCKET FOR PIN ASSY | | |
| CN1 | | | E40-9831-05 | SOCKET FOR PIN ASSY | | |
| CN1 | | | E40-9831-05 | SOCKET FOR PIN ASSY | | |
| CN2 | | | E40-4871-05 | PIN ASSY | | |
| CN2 | | | E70-0080-05 | LOCK TERMINAL BOARD | | |
| CF1 ,2 | | | L72-0531-05 | CERAMIC FILTER | | |
| CF1 ,2 | | | L72-0531-05 | CERAMIC FILTER | | |
| CF1 ,2 | | * | L72-0536-05 | CERAMIC FILTER | | |
| CF1 ,2 | | * | L72-0536-05 | CERAMIC FILTER | | |
| CF1 ,2 | | | L72-0596-05 | CERAMIC FILTER | | |
| CF1 ,2 | | * | L72-0596-05 | CERAMIC FILTER | | |
| CF3 | | * | L72-0607-05 | CERAMIC FILTER | | |
| CF3 | | * | L72-0607-05 | CERAMIC FILTER | | |
| CF3 | | * | L72-0607-05 | CERAMIC FILTER | | |
| L1 | | | L39-1366-05 | COMBINATION COIL | | |
| L2 | | | L40-1091-82 | SMALL FIXED INDUCTOR(1.0UH) | | |
| L3 | | | L30-0911-05 | AM IFT | | |
| L4 | | | L30-0950-05 | FM IFT | | |
| L4 | | | L30-0950-05 | FM IFT | | |
| L5 | | | L30-0951-05 | FM IFT | | |
| L5 | | | L30-0951-05 | FM IFT | | |
| L6 ,7 | | | L79-1239-05 | LC FILTER | | |
| L6 ,7 | | | L79-1239-05 | LC FILTER | | |
| L9 | | * | L40-1001-82 | SMALL FIXED INDUCTOR(10UH) | | |
| X1 | | * | L77-2187-05 | CRYSTAL RESONATOR | | |
| R1 | | | RK73FB2A101J | CHIP R | | |
| R3 | | | RK73FB2A332J | CHIP R | | |
| R3 | | | RK73FB2A332J | CHIP R | | |

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KRF-V5010W6010W7010WR-205/206/207/255/257
PARTS LIST

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|-----------|----------|-----------|--------------|-------------|--------------|----------------|
| R4 | | | RK73FB2A681J | CHIP R | 680 | J 1/10W |
| R5 | | | RK73FB2A332J | CHIP R | 3.3K | J 1/10W |
| R6 | | | RK73FB2A221J | CHIP R | 220 | J 1/10W |
| R7 | | | RK73FB2A821J | CHIP R | 820 | J 1/10W |
| R8 | | | RK73FB2A100J | CHIP R | 10 | J 1/10W E1T1Q1 |
| R8 | | | RK73FB2A100J | CHIP R | 10 | J 1/10W E2 |
| R8 | | | RK73FB2A330J | CHIP R | 33 | J 1/10W KP1Y1 |
| R8 | | | RK73FB2A330J | CHIP R | 33 | J 1/10W M1X1K1 |
| R8 | | | RK73FB2A330J | CHIP R | 33 | J 1/10W P2K2P3 |
| R9 | | | RK73FB2A391J | CHIP R | 390 | J 1/10W |
| R10 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W |
| R11 | | | RK73FB2A220J | CHIP R | 22 | J 1/10W E1T1Q1 |
| R11 | | | RK73FB2A220J | CHIP R | 22 | J 1/10W E2 |
| R11 | | | RK73FB2A330J | CHIP R | 33 | J 1/10W KP1Y1 |
| R11 | | | RK73FB2A330J | CHIP R | 33 | J 1/10W M1X1K1 |
| R11 | | | RK73FB2A330J | CHIP R | 33 | J 1/10W P2K2P3 |
| R12 | | | RK73FB2A101J | CHIP R | 100 | J 1/10W |
| R14 | | | RK73FB2A101J | CHIP R | 100 | J 1/10W E1T1Q1 |
| R14 | | | RK73FB2A101J | CHIP R | 100 | J 1/10W E2 |
| R14 | | | RK73FB2A271J | CHIP R | 270 | J 1/10W KP1Y1 |
| R14 | | | RK73FB2A271J | CHIP R | 270 | J 1/10W M1X1K1 |
| R14 | | | RK73FB2A271J | CHIP R | 270 | J 1/10W P2K2P3 |
| R15 | | | RK73FB2A333J | CHIP R | 33K | J 1/10W E1T1Q1 |
| R15 | | | RK73FB2A333J | CHIP R | 33K | J 1/10W E2 |
| R16 | | | RK73FB2A220J | CHIP R | 22 | J 1/10W |
| R17 | | | RK73FB2A362J | CHIP R | 3.6K | J 1/10W |
| R18 | | | RK73FB2A302J | CHIP R | 3.0K | J 1/10W |
| R19 | | | RK73FB2A822J | CHIP R | 8.2K | J 1/10W |
| R20 | | | RK73FB2A392J | CHIP R | 3.9K | J 1/10W |
| R23 | | | RK73FB2A153J | CHIP R | 15K | J 1/10W E1T1Q1 |
| R23 | | | RK73FB2A153J | CHIP R | 15K | J 1/10W E2 |
| R23 | | | RK73FB2A332J | CHIP R | 3.3K | J 1/10W KP1Y1 |
| R23 | | | RK73FB2A332J | CHIP R | 3.3K | J 1/10W M1X1K1 |
| R23 | | | RK73FB2A332J | CHIP R | 3.3K | J 1/10W P2K2P3 |
| R25 | | | RK73FB2A183J | CHIP R | 18K | J 1/10W KP1Y1 |
| R25 | | | RK73FB2A183J | CHIP R | 18K | J 1/10W M1X1K1 |
| R25 | | | RK73FB2A183J | CHIP R | 18K | J 1/10W P2K2P3 |
| R25 | | | RK73FB2A273J | CHIP R | 27K | J 1/10W E1T1Q1 |
| R25 | | | RK73FB2A273J | CHIP R | 27K | J 1/10W E2 |
| Δ R27, 28 | | | RK73FB2A432J | CHIP R | 4.3K | J 1/10W E1T1Q1 |
| Δ R27, 28 | | | RK73FB2A432J | CHIP R | 4.3K | J 1/10W E2 |
| Δ R27, 28 | | | RK73FB2A822J | CHIP R | 8.2K | J 1/10W KP1Y1 |
| Δ R27, 28 | | | RK73FB2A822J | CHIP R | 8.2K | J 1/10W M1X1K1 |
| Δ R27, 28 | | | RK73FB2A822J | CHIP R | 8.2K | J 1/10W P2K2P3 |
| R30 | | | RK73FB2A561J | CHIP R | 560 | J 1/10W Y1M1 |
| R31 | | | RK73FB2A473J | CHIP R | 47K | J 1/10W Y1M1 |
| R33, 34 | | | RK73FB2A101J | CHIP R | 100 | J 1/10W K1P2 |
| R33, 34 | | | RK73FB2A101J | CHIP R | 100 | J 1/10W K1P2 |
| R33, 34 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W KP1Y1 |
| R33, 34 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W M1X1E1 |
| R33, 34 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W P3E2 |
| R33, 34 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W T1Q1K2 |
| R35 | | | RK73FB2A101J | CHIP R | 100 | J 1/10W E1T1Q1 |
| R35 | | | RK73FB2A101J | CHIP R | 100 | J 1/10W E2K1P2 |
| R36 | | | RK73FB2A101J | CHIP R | 100 | J 1/10W K1P2 |

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|---------|----------|-----------|--------------|-------------|--------------|----------------|
| R36 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W E1T1Q1 |
| R36 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W E2 |
| R37 | | | RK73FB2A392J | CHIP R | 3.9K | J 1/10W E1T1Q1 |
| R37 | | | RK73FB2A392J | CHIP R | 3.9K | J 1/10W K1P2E2 |
| R38 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W E1T1Q1 |
| R38 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W E2 |
| R39 | | | RK73FB2A103J | CHIP R | 10K | J 1/10W E1T1Q1 |
| R39 | | | RK73FB2A103J | CHIP R | 10K | J 1/10W E2 |
| R42 | | | RK73FB2A103J | CHIP R | 10K | J 1/10W |
| R43 | | | RK73FB2A221J | CHIP R | 220 | J 1/10W |
| Δ R44 | | | RD14NB2E271J | RD | 270 | J 1/4W |
| R45 | | | RK73EB2B102J | CHIP R | 1.0K | J 1/8W |
| R46 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W |
| R47 | | | RK73EB2B102J | CHIP R | 1.0K | J 1/8W |
| R48 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W |
| R49 | | | RK73FB2A103J | CHIP R | 10K | J 1/10W |
| R50 | | | RD14NB2E471J | RD | 470 | J 1/4W |
| R51 | | | RK73FB2A562J | CHIP R | 5.6K | J 1/10W |
| R52 | | | RK73FB2A101J | CHIP R | 100 | J 1/10W |
| R53 | | | RK73FB2A222J | CHIP R | 2.2K | J 1/10W |
| R54 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W |
| R55 | | | RK73FB2A333J | CHIP R | 33K | J 1/10W |
| R56, 57 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W |
| R58 | | | RK73FB2A123J | CHIP R | 12K | J 1/10W |
| R59 | | | RK73FB2A122J | CHIP R | 1.2K | J 1/10W |
| R72, 73 | | | RK73FB2A153J | CHIP R | 15K | J 1/10W KP1K1 |
| R72, 73 | | | RK73FB2A153J | CHIP R | 15K | J 1/10W P2K2P3 |
| R72, 73 | | | RK73FB2A392J | CHIP R | 3.9K | J 1/10W E1T1Q1 |
| R72, 73 | | | RK73FB2A392J | CHIP R | 3.9K | J 1/10W E2 |
| R72, 73 | | | RK73FB2A822J | CHIP R | 8.2K | J 1/10W Y1M1X1 |
| R74 | | | RK73FB2A473J | CHIP R | 47K | J 1/10W KP1Y1 |
| R74 | | | RK73FB2A473J | CHIP R | 47K | J 1/10W M1X1E1 |
| R74 | | | RK73FB2A473J | CHIP R | 47K | J 1/10W P3E2 |
| R74 | | | RK73FB2A473J | CHIP R | 47K | J 1/10W T1Q1K2 |
| R75 | | | RK73FB2A822J | CHIP R | 8.2K | J 1/10W KP1Y1 |
| R75 | | | RK73FB2A822J | CHIP R | 8.2K | J 1/10W M1X1E1 |
| R75 | | | RK73FB2A822J | CHIP R | 8.2K | J 1/10W P3E2 |
| R75 | | | RK73FB2A822J | CHIP R | 8.2K | J 1/10W T1Q1K2 |
| R76 | | | RK73FB2A182J | CHIP R | 1.8K | J 1/10W KP1Y1 |
| R76 | | | RK73FB2A182J | CHIP R | 1.8K | J 1/10W M1X1E1 |
| R76 | | | RK73FB2A182J | CHIP R | 1.8K | J 1/10W P3E2 |
| R76 | | | RK73FB2A182J | CHIP R | 1.8K | J 1/10W T1Q1K2 |
| R78 | | | RK73FB2A821J | CHIP R | 820 | J 1/10W KP1Y1 |
| R78 | | | RK73FB2A821J | CHIP R | 820 | J 1/10W M1X1E1 |
| R78 | | | RK73FB2A821J | CHIP R | 820 | J 1/10W P3E2 |
| R78 | | | RK73FB2A821J | CHIP R | 820 | J 1/10W T1Q1K2 |
| R80 | | | RK73FB2A223J | CHIP R | 22K | J 1/10W E1T1Q1 |
| R80 | | | RK73FB2A223J | CHIP R | 22K | J 1/10W E2 |
| R81 | | | RS14KB3A151J | FL-PROOF RS | 150 | J 1W |
| Δ R82 | | | RK73FB2A272J | CHIP R | 2.7K | J 1/10W E1T1Q1 |
| R82 | | | RK73FB2A272J | CHIP R | 2.7K | J 1/10W E2 |
| R83 | | | RK73FB2A102J | CHIP R | 1.0K | J 1/10W |
| R84 | | | RK73EB2B102J | CHIP R | 1.0K | J 1/8W |
| R85 -87 | | | RK73FB2A105J | CHIP R | 1.0M | J 1/10W |
| R88 | | | RK73FB2A563J | CHIP R | 56K | J 1/10W |

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|----------|----------|-----------|---------------|---------------------|--------------|----------|
| C61-63 | | | CE04LW1C100M | ELECTRO 10UF 16WV | | |
| C93,94 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | | |
| C95 | | | CC73FSL1H471J | CHIP C 470PF J | | |
| C98,99 | | | CE04LW1A101M | ELECTRO 100UF 10WV | | |
| C100,101 | | | CE04LW1C100M | ELECTRO 10UF 16WV | | |
| C104,105 | | | CK73FB1H153K | CHIP C 0.015UF K | | |
| C106,107 | | | CE04LW1HR33M | ELECTRO 0.33UF 50WV | | |
| C108,109 | | | CQ93FMG1H822J | MYLAR 8200PF J | | |
| C110 | | | CC73FSL1H471J | CHIP C 470PF J | | |
| C111-118 | | | CE04LW1V4R7M | ELECTRO 4.7UF 35WV | | |
| C119,120 | | | CE04LW1H3R3M | ELECTRO 3.3UF 50WV | | |
| C121 | | | CC73FSL1H221J | CHIP C 220PF J | | |
| C122 | | | CE04LW1H010M | ELECTRO 1.0UF 50WV | | |
| C123-126 | | | CC73FSL1H101J | CHIP C 100PF J | | |
| C127,128 | | | CE04LW1C100M | ELECTRO 10UF 16WV | | |
| C129 | | | CE04LW1C101M | ELECTRO 100UF 16WV | | |
| C130 | | | CE04LW1C470M | ELECTRO 47UF 16WV | | |
| C131-134 | | | CE04LW1C100M | ELECTRO 10UF 16WV | | |
| C135 | | | CK73FB1C104K | CHIP C 0.10UF K | | |
| C136 | | | CK73FB1H562K | CHIP C 5600PF K | | |
| C137 | | | CE04LW1C100M | ELECTRO 10UF 16WV | | |
| C138 | | | CE04LW1E221M | ELECTRO 220UF 25WV | | |
| C139 | | | CE04LW1C470M | ELECTRO 47UF 16WV | | |
| C140,141 | | | CK73FF1E104Z | CHIP C 0.10UF Z | | |
| C142 | | | CK73FB1H681K | CHIP C 680PF K | | |
| C143,144 | | | CK73FF1E104Z | CHIP C 0.10UF Z | | |
| C145 | | | CK73FB1H681K | CHIP C 680PF K | | |
| C146 | | | CQ93FMG1H104J | MYLAR 0.10UF J | | |
| C147,148 | | | CQ93FMG1H223J | MYLAR 0.022UF J | | |
| C149,150 | | | CK73FB1C104K | CHIP C 0.10UF K | | |
| C151,152 | | | CQ93FMG1H473J | MYLAR 0.047UF J | | |
| C153 | | | CK73FB1C104K | CHIP C 0.10UF K | | |
| C154 | | | CK73FF1C224Z | CHIP C 0.22UF Z | | |
| C155 | | | CQ93FMG1H224J | MYLAR 0.22UF J | | |
| C156,157 | | | CE04LW1V4R7M | ELECTRO 4.7UF 35WV | | |
| C158 | | | CQ93FMG1H224J | MYLAR 0.22UF J | | |
| C159 | | | CK73FF1C224Z | CHIP C 0.22UF Z | | |
| C160 | | | CK73FF1C105Z | CHIP C 1.0UF Z | | |
| C161 | | | CK73EB1E473K | CHIP C 0.047UF K | | |
| C162 | | | CK73FB1H562K | CHIP C 5600PF K | | |
| C163 | | | CK73FB1H221K | CHIP C 220PF K | | |
| C164 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C165 | | | CK73FB1C104K | CHIP C 0.10UF K | | |
| C169 | | | CK73FB1H182K | CHIP C 1800PF K | | |
| C170 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C171 | | | CQ93FMG1H683J | MYLAR 0.068UF J | | |
| C172,173 | | | CQ93FMG1H104J | MYLAR 0.10UF J | | |
| C174 | | | CQ93FMG1H683J | MYLAR 0.068UF J | | |
| C175 | | | CQ93FMG1H182J | MYLAR 1800PF J | | |
| C176 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C177 | | | CE04LW1H010M | ELECTRO 1.0UF 50WV | | |
| C178 | | | CE04LW1C220M | ELECTRO 22UF 16WV | | |
| C181,182 | | | CE04LW1V4R7M | ELECTRO 4.7UF 35WV | | |
| C183,184 | | | CC73FSL1H471J | CHIP C 470PF J | | |
| C193,194 | | | CE04LW1V4R7M | ELECTRO 4.7UF 35WV | | |

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|----------|----------|-----------|---------------|---------------------|--------------|----------|
| C195,196 | | | CC73FSL1H471J | CHIP C 470PF J | | |
| C197 | | | CE04LW1V4R7M | ELECTRO 4.7UF 35WV | | |
| C203 | | | CC45FSL1H101J | CERAMIC 100PF J | | |
| C204 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | | |
| C205 | | | CE04LW1V4R7M | ELECTRO 4.7UF 35WV | | |
| C206 | | | CK45FB1H392K | CERAMIC 3900PF K | | 5 |
| C206 | | | CK45FB2H392K | CERAMIC 3900PF K | | 7 |
| C206 | | | CK45FB2H392K | CERAMIC 3900PF K | | 6 |
| C207,208 | | | CC73FSL1H471J | CHIP C 470PF J | | |
| C212 | | | CC73FSL1H101J | CHIP C 100PF J | | |
| C214 | | | CE04LW1H010M | ELECTRO 1.0UF 50WV | | |
| C215 | | | GE04HW1E220M | NP-ELEC 22UF 25WV | | |
| C216,217 | | | CK73FB1H102K | CHIP C 100PF K | | |
| C218,219 | | | CE04LW1C100M | ELECTRO 10UF 16WV | | |
| C220,221 | | | CE04LW1A101M | ELECTRO 100UF 10WV | | |
| C222,223 | | | CC73FCH1H150J | CHIP C 15PF J | | |
| C224,225 | | | CE04LW2A100M | ELECTRO 10UF 100WV | | |
| C226 | | | CK45FB1H392K | CERAMIC 3900PF K | | 5 |
| C226 | | | CK45FB2H392K | CERAMIC 3900PF K | | 7 |
| C226 | | | CK45FB2H392K | CERAMIC 3900PF K | | 6 |
| C227 | | | CE04LW1H470M | ELECTRO 47UF 50WV | | 5 |
| C227 | | | CE04LW2A100M | ELECTRO 10UF 100WV | | 7 |
| C227 | | | CE04LW2A100M | ELECTRO 10UF 100WV | | 6 |
| C228,229 | | | CE04LW1H470M | ELECTRO 47UF 50WV | | 7 |
| C228,229 | | | CE04LW1H470M | ELECTRO 47UF 50WV | | 6 |
| C230,231 | | | CK45FB1H392K | CERAMIC 3900PF K | | 5 |
| C230,231 | | | CK45FB2H392K | CERAMIC 3900PF K | | 7 |
| C230,231 | | | CK45FB2H392K | CERAMIC 3900PF K | | 6 |
| C232 | | | CE04LW1H470M | ELECTRO 47UF 50WV | | 5 |
| C232 | | | CE04LW2A100M | ELECTRO 10UF 100WV | | |
| C233-235 | | | CK73FB1H102K | CHIP C 1000PF K | | |
| C236-238 | | | CE04LW1C100M | ELECTRO 10UF 16WV | | |
| C239-241 | | | CE04LW1A101M | ELECTRO 100UF 10WV | | |
| C242-244 | | | CC73FCH1H150J | CHIP C 15PF J | | |
| C247,248 | | | CE04LW1H470M | ELECTRO 47UF 50WV | | 5 |
| C249,250 | | | CE04LW2A100M | ELECTRO 10UF 100WV | | |
| C253-257 | | | CK73FB1H102K | CHIP C 1000PF K | | |
| C258-262 | | | CQ93FMG1H104J | MYLAR 0.10UF J | | |
| C268 | | | CE04LW1V4R7M | ELECTRO 4.7UF 35WV | | |
| C269 | | | GE04LW0J221M | ELECTRO 220UF 6.3WV | | |
| C270 | | | CK45FF1H472Z | CERAMIC 4700PF Z | | |
| C271 | | | CK45FF1H472Z | CERAMIC 4700PF Z | | KP1Y1 |
| C272 | | | CK45FF1H472Z | CERAMIC 4700PF Z | | 5 |
| C272 | | | CK45FF1H472Z | CERAMIC 4700PF Z | | 7 |
| C272 | | | CK45FF1H472Z | CERAMIC 4700PF Z | | 6 |
| C272 | | | CK45FF1H472Z | CERAMIC 4700PF Z | | 6 |
| C272 | | | CK45FF1H472Z | CERAMIC 4700PF Z | | 7 |
| C272 | | | CK45FF1H472Z | CERAMIC 4700PF Z | | 6 |
| C273,274 | | | CK45FF1H472Z | CERAMIC 4700PF Z | | 7 |
| C273,274 | | | CK45FF1H472Z | CERAMIC 4700PF Z | | 6 |
| C275,276 | | | CK45FF1H472Z | CERAMIC 4700PF Z | | E2 |
| C277-279 | | | CK45FB1H102K | CERAMIC 1000PF K | | 6 |
| C277-279 | | | CK45FB1H102K | CERAMIC 1000PF K | | 7 |

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PARTS LIST

KRF-V5010N/6010N/7010N/R-205/206/207/255/257

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|------------|---------|-----------|---------------|---------------------|-------------|---------|
| C280 | | | CK45FB1H102K | CERAMIC 1000PF K | | |
| C282,283 | | | CC73FSL1H101J | CHIP C 100PF J | | |
| C284,285 | | | CC73FSL1H151J | CHIP C 150PF J | | |
| C300 | | | CQ93FMG1H184J | MYLAR 0.18UF J | | |
| C302 | | | C91-1480-05 | MP 0.22UF 250WV | E1T1Q1 | |
| C302 | | | C91-1480-05 | MP 0.22UF 250WV | E2 | |
| C302 | | | C91-1480-05 | MP 0.22UF 250WV | Y1M1X1 | |
| △ C304,305 | | | C90-3760-05 | ELECTRO 4700UF 75WV | KP1Y1 | 7 |
| △ C304,305 | | | C90-3760-05 | ELECTRO 4700UF 75WV | KP1Y1 | 6 |
| △ C304,305 | | | C90-3760-05 | ELECTRO 4700UF 75WV | M1X1K1 | 7 |
| △ C304,305 | | | C90-3760-05 | ELECTRO 4700UF 75WV | M1X1K1 | 6 |
| △ C304,305 | | | C90-3760-05 | ELECTRO 4700UF 75WV | P2K2P3 | 7 |
| △ C304,305 | | | C90-3761-05 | ELECTRO 3300UF 50WV | KP1Y1 | 5 |
| △ C304,305 | | | C90-3761-05 | ELECTRO 3300UF 50WV | M1X1K1 | 5 |
| △ C304,305 | | | C90-3761-05 | ELECTRO 3300UF 50WV | P2 | 5 |
| △ C304,305 | | | C90-3762-05 | ELECTRO 4700UF 63WV | E1T1Q1 | 7 |
| △ C304,305 | | | C90-3762-05 | ELECTRO 4700UF 63WV | E1T1Q1 | 6 |
| △ C304,305 | | | C90-3762-05 | ELECTRO 4700UF 63WV | E2 | 6 |
| △ C304,305 | | | C90-3762-05 | ELECTRO 4700UF 63WV | E2 | 7 |
| △ C304,305 | | | C90-3776-05 | ELECTRO 3300UF 42WV | E1T1Q1 | 5 |
| △ C304,305 | | | C90-3776-05 | ELECTRO 3300UF 42WV | E2 | 5 |
| △ C306,307 | | | C90-3763-05 | ELECTRO 3300UF 35WV | E1T1Q1 | 7 |
| △ C306,307 | | | C90-3763-05 | ELECTRO 3300UF 35WV | E1T1Q1 | 6 |
| △ C306,307 | | | C90-3763-05 | ELECTRO 3300UF 35WV | E2 | 7 |
| △ C306,307 | | | C90-3763-05 | ELECTRO 3300UF 35WV | E2 | 6 |
| △ C306,307 | | | C90-3776-05 | ELECTRO 3300UF 42WV | KP1Y1 | 7 |
| △ C306,307 | | | C90-3776-05 | ELECTRO 3300UF 42WV | KP1Y1 | 6 |
| △ C306,307 | | | C90-3776-05 | ELECTRO 3300UF 42WV | M1X1K1 | 7 |
| △ C306,307 | | | C90-3776-05 | ELECTRO 3300UF 42WV | M1X1K1 | 6 |
| △ C306,307 | | | C90-3776-05 | ELECTRO 3300UF 42WV | P2K2P3 | 7 |
| △ C306,307 | | | C90-3776-05 | ELECTRO 3300UF 42WV | P2K2P3 | 6 |
| C308 | | | CE04LW1V222M | ELECTRO 2200UF 35WV | | |
| C309 | | | CE04LW1V471M | ELECTRO 470UF 35WV | | |
| C310-313 | | | CK73FF1C224Z | CHIP C 0.22UF Z | | |
| C314,315 | | | CE04LW1E101M | ELECTRO 100UF 25WV | | |
| C316 | | | CE04LW2A220M | ELECTRO 22UF 100WV | | |
| C317 | | | CE04LW1H470M | ELECTRO 47UF 50WV | | |
| C320 | | | CE04LW1H010M | ELECTRO 1.0UF 50WV | | |
| C326 | | | CE04LW1C470M | ELECTRO 47UF 16WV | | |
| C327 | | | CE04LW1H010M | ELECTRO 1.0UF 50WV | | |
| C330 | | | CE04LW1C100M | ELECTRO 10UF 16WV | | |
| C350 | | | CE04LW1A101M | ELECTRO 100UF 10WV | | |
| C351,352 | | | CE04LW1H100M | ELECTRO 10UF 50WV | | |
| C359-363 | | | CE04LW1H010M | ELECTRO 1.0UF 50WV | | |
| C400 | | | CE04LW1C330M | ELECTRO 33UF 16WV | | |
| C501 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | | |
| C502 | | | CQ93FMG1H104J | MYLAR 0.10UF J | | |
| C503 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | | |
| C504 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C505 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | | |
| C506 | | | CK45FB1H102K | CERAMIC 1000PF K | | |
| C507 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | | |
| C508,509 | | | CE04LW1A101M | ELECTRO 100UF 10WV | | |
| C510 | | | CC45FSL1H331J | CERAMIC 330PF J | E1T1Q1 | |

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| Ref. No | Address | New Parts | Parts No. | Description | Destination | Remarks |
|----------|---------|-----------|---------------|----------------------|-------------|---------|
| C510 | | | CC45FSL1H331J | CERAMIC 330PF J | E2 | |
| C511 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C512,513 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | | |
| C514 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C515 | | | CK45FB1H561K | CERAMIC 560PF K | E1T1Q1 | |
| C515 | | | CK45FB1H561K | CERAMIC 560PF K | E2 | |
| C516 | | | CE04LW1H2R2M | ELECTRO 2.2UF 50WV | E1T1Q1 | |
| C516 | | | CE04LW1H2R2M | ELECTRO 2.2UF 50WV | E2 | |
| C517 | | | CE04LW1H010M | ELECTRO 1.0UF 50WV | | |
| C518 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C519-521 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | | |
| C522 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | E1T1Q1 | |
| C522 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | E2 | |
| C523 | | | CE04LW1A101M | ELECTRO 100UF 10WV | E1T1Q1 | |
| C523 | | | CE04LW1A101M | ELECTRO 100UF 10WV | E2 | |
| C524 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | E1T1Q1 | |
| C524 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | E2 | |
| C525 | | | CE04LW1H010M | ELECTRO 1.0UF 50WV | | |
| C526 | | | C90-3214-05 | ELECTRO 100UF 6.3WV | | |
| C527 | | | CC73FCH1H470J | CHIP C 47PF J | E1T1Q1 | |
| C527 | | | CC73FCH1H470J | CHIP C 47PF J | E2 | |
| C528 | | | CC73FCH1H180J | CHIP C 18PF J | E1T1Q1 | |
| C528 | | | CC73FCH1H180J | CHIP C 18PF J | E2 | |
| C529,530 | | | GE04LW1V4R7M | ELECTRO 4.7UF 35WV | | |
| C531 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C532 | | | CK73FB1H102K | CHIP C 1000PF K | E1T1Q1 | |
| C533 | | | CK73EB1H102K | CHIP C 1000PF K | E2 | |
| C533 | | | CK73EB1H102K | CHIP C 1000PF K | E1T1Q1 | |
| C534 | | | C90-1827-05 | ELECTRO 0.047F 5.5WV | E2 | |
| C534 | | | C90-1827-05 | ELECTRO 0.047F 5.5WV | E2 | |
| C534 | | | C90-1827-05 | ELECTRO 0.047F 5.5WV | Y1M1X1 | |
| C535 | | | CE04LW0J471M | ELECTRO 470UF 6.3WV | KP1K1 | |
| C535 | | | CE04LW0J471M | ELECTRO 470UF 6.3WV | P2K2P3 | |
| CN1 | | | E40-4299-05 | PIN ASSY | | |
| CN2 | | | E40-4248-05 | PIN ASSY | | |
| CN7 | | | E40-8196-05 | PIN ASSY | | |
| CN8 | | * | E40-8260-05 | FLAT CABLE CONNECTOR | | |
| CN9 | | | E40-8251-05 | FLAT CABLE CONNECTOR | | |
| CN10 | | | E40-9848-05 | PIN ASSY | KP1Y1 | |
| CN10 | | | E40-9848-05 | PIN ASSY | M1X1E1 | |
| CN10 | | | E40-9848-05 | PIN ASSY | P3E2 | |
| CN10 | | | E40-9848-05 | PIN ASSY | T1Q1K2 | |
| CN51 | | * | E40-8259-05 | FLAT CABLE CONNECTOR | | |
| CN53 | | | E40-8250-05 | FLAT CABLE CONNECTOR | | |
| J1 | | | E63-0172-05 | PHONO JACK | | |
| J2 | | | E63-0173-05 | PHONO JACK | | |
| J3,4 | | | E63-1017-05 | PHONO JACK | | |
| J5 | | | E63-1018-05 | PHONO JACK | | |
| J6 | | | E63-1019-05 | PHONO JACK | | |
| J7 | | | E63-0172-05 | PHONO JACK | | |
| J8 | | | E70-0082-05 | LOCK TERMINAL BOARD | | 5 |
| J8 | | | E70-0082-05 | LOCK TERMINAL BOARD | | 6 |
| J8 | | | E70-0082-05 | LOCK TERMINAL BOARD | KP1Y1 | 7 |
| J8 | | | E70-0082-05 | LOCK TERMINAL BOARD | | |
| J8 | | | E70-0082-05 | LOCK TERMINAL BOARD | M1X1K1 | 7 |
| J8 | | | E70-0082-05 | LOCK TERMINAL BOARD | P2K2P3 | 7 |
| J9 | | | E63-1015-05 | PHONO JACK | | 7 |

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KRF-V5010W6010W7010WR-205/206/207/255/257
PARTS LIST

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| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|--------------|-----------------------------|--------------|----------|
| J9 | | | E63-1015-05 | PHONO JACK | | 6 |
| J10 | | | E70-0068-05 | LOCK TERMINAL BOARD | | 7 |
| J10 | | | E70-0068-05 | LOCK TERMINAL BOARD | | 6 |
| J10 | | | E70-0094-05 | LOCK TERMINAL BOARD | | 5 |
| J11 | | | E63-1016-05 | PHONO JACK | | 5 |
| - | | | J19-5879-13 | HOLDER | | |
| L1 -5 | | | L39-1373-05 | PHASE COMPENSATION COIL | | |
| L501 | | | L40-1091-82 | SMALL FIXED INDUCTOR(1.0UH) | E1T1Q1 | |
| L501 | | | L40-1091-82 | SMALL FIXED INDUCTOR(1.0UH) | E2 | |
| L502 | | | L40-1001-82 | SMALL FIXED INDUCTOR(10UH) | E1T1Q1 | |
| L502 | | | L40-1001-82 | SMALL FIXED INDUCTOR(10UH) | E2 | |
| X1 | | * | L78-0244-05 | RESONATOR (4MHZ) | | |
| X501 | | | L78-0290-05 | RESONATOR (8MHZ) | | |
| X502 | | | L77-2206-05 | CRYSTAL RESONATOR(4.332MHZ) | E1T1Q1 | |
| X502 | | | L77-2206-05 | CRYSTAL RESONATOR(4.332MHZ) | E2 | |
| R1 ,2 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R3 ,4 | | | RK73FB2A273J | CHIP R 27K J 1/10W | | |
| R5 ,6 | | | RK73FB2A101J | CHIP R 100 J 1/10W | | |
| R13 ,14 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R17 ,18 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R19 ,20 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R21 -24 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R25 ,26 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R27 ,28 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R29 ,30 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R31 ,32 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R33 ,34 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R35 ,36 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R37 ,38 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R39 ,40 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R41 ,42 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R43 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R44 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R45 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R46 | | | RK73FB2A392J | CHIP R 3.9K J 1/10W | | |
| R47 ,48 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R49 ,50 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R51 -53 | | | RK73FB2A750J | CHIP R 75 J 1/10W | | |
| R56 ,57 | | | RK73FB2A332J | CHIP R 3.3K J 1/10W | | |
| R59 -62 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R67 ,68 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R69 ,70 | | | RK73FB2A4R7J | CHIP R 4.7 J 1/10W | | |
| R71 ,72 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R93 ,94 | | | RS14KB3A391J | FL-PROOF RS 390 J 1W | | |
| R97 | | | RK73EB2B224J | CHIP R 220K J 1/8W | | |
| R98 -102 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R109 | | | RS14KB3A221J | FL-PROOF RS 220 J 1W | | |
| R110 | | | RS14KB3A271J | FL-PROOF RS 270 J 1W | | |
| R111-113 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R116,117 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R118 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R119 | | | RK73FB2A223J | CHIP R 22K J 1/10W | | |
| R122 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R123 | | | RK73FB2A203J | CHIP R 20K J 1/10W | | |
| R124 | | | RK73FB2A105J | CHIP R 1.0M J 1/10W | | |

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| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|--------------|-----------------------|--------------|----------|
| R125 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R126 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R127 | | | RK73FB2A225J | CHIP R 2.2M J 1/10W | | |
| R128 | | | RK73FB2A752J | CHIP R 7.5K J 1/10W | | |
| R129 | | | RK73FB2A153J | CHIP R 15K J 1/10W | | |
| R130 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R131 | | | RK73FB2A752J | CHIP R 7.5K J 1/10W | | |
| R132 | | | RK73FB2A153J | CHIP R 15K J 1/10W | | |
| R133 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R134 | | | RD14NB2E221J | RD 220 J 1/4W | | |
| R135 | | | RS14KB3D680J | FL-PROOF RS 68 J 2W | | |
| R136 | | | RK73FB2A334J | CHIP R 330K J 1/10W | | |
| R137,138 | | | RK73FB2A243J | CHIP R 24K J 1/10W | | |
| R145,146 | | | RK73FB2A122J | CHIP R 1.2K J 1/10W | | |
| R147,148 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R149,150 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R157,158 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | | |
| R161,162 | | | RK73FB2A122J | CHIP R 1.2K J 1/10W | | |
| R163,164 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R165,166 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R173,174 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | | |
| R177,178 | | | RK73FB2A122J | CHIP R 1.2K J 1/10W | | |
| R179,180 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R181,182 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R183 | | | RK73FB2A153J | CHIP R 15K J 1/10W | | |
| R184 | | | RK73FB2A391J | CHIP R 390 J 1/10W | | |
| R186 | | | RK73FB2A183J | CHIP R 18K J 1/10W | | |
| R189,190 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | | |
| R191 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R192,193 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R194 | | | RK73FB2A223J | CHIP R 22K J 1/10W | | |
| R195 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R196,197 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R198 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R199,200 | | | RK73FB2A223J | CHIP R 22K J 1/10W | | |
| R201,202 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R203,204 | | | RK73FB2A563J | CHIP R 56K J 1/10W | | |
| R207,208 | | | RK73FB2A331J | CHIP R 330 J 1/10W | KP1Y1 | 6 |
| R207,208 | | | RK73FB2A331J | CHIP R 330 J 1/10W | KP1Y1 | 7 |
| R207,208 | | | RK73FB2A331J | CHIP R 330 J 1/10W | M1X1K1 | 7 |
| R207,208 | | | RK73FB2A331J | CHIP R 330 J 1/10W | M1X1K1 | 6 |
| R207,208 | | | RK73FB2A431J | CHIP R 430 J 1/10W | E1T1Q1 | 7 |
| R207,208 | | | RK73FB2A431J | CHIP R 430 J 1/10W | E1T1Q1 | 6 |
| R207,208 | | | RK73FB2A431J | CHIP R 430 J 1/10W | E2 | 6 |
| R207,208 | | | RK73FB2A431J | CHIP R 430 J 1/10W | E2 | 7 |
| R207,208 | | | RK73FB2A471J | CHIP R 470 J 1/10W | KP1Y1 | 5 |
| R207,208 | | | RK73FB2A471J | CHIP R 470 J 1/10W | M1X1K1 | 5 |
| R207,208 | | | RK73FB2A471J | CHIP R 470 J 1/10W | P2 | 5 |
| R207,208 | | | RK73FB2A621J | CHIP R 620 J 1/10W | E1T1Q1 | 5 |
| R207,208 | | | RK73FB2A621J | CHIP R 620 J 1/10W | E2 | 5 |
| R209,210 | | | RK73FB2A563J | CHIP R 56K J 1/10W | | |
| R214,215 | | | RD14NB2E103J | RD 10K J 1/4W | | |
| R216 | | | RS14KB3A392J | FL-PROOF RS 3.9K J 1W | | 6 |

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PARTS LIST

KRF-V5010N/6010N/7010N/R-205/206/207/255/257

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| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|--------------|----------------------|--------------|----------|
| R326-330 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R331 | | | RK73FB2A363J | CHIP R 36K J 1/10W | | |
| R332 | | | RK73FB2A751J | CHIP R 750 J 1/10W | | |
| R333 | | | RK73FB2A272J | CHIP R 2.7K J 1/10W | | |
| R361,362 | | | RS14KB3D391J | FL-PROOF RS 390 J 2W | | |
| R363 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R400 | | | RK73FB2A472J | CHIP R 4.7K J 1/10W | | |
| R403-407 | | | RK73EB2B220J | CHIP R 22 J 1/8W | | |
| R408 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | | |
| R409 | | | RK73FB2A333J | CHIP R 33K J 1/10W | | |
| R410,411 | | | RK73EB2B224J | CHIP R 220K J 1/8W | | |
| R412,413 | | | RK73FB2A224J | CHIP R 220K J 1/10W | | |
| R414 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R415 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R416 | | | RK73FB2A683J | CHIP R 68K J 1/10W | | |
| R417 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R450,451 | | | RK73FB2A272J | CHIP R 2.7K J 1/10W | | 7 |
| R450,451 | | | RK73FB2A272J | CHIP R 2.7K J 1/10W | | 6 |
| R452 | | | RK73FB2A361J | CHIP R 360 J 1/10W | | 7 |
| R452 | | | RK73FB2A361J | CHIP R 360 J 1/10W | | 6 |
| R453 | | | RK73FB2A472J | CHIP R 4.7K J 1/10W | | 7 |
| R453 | | | RK73FB2A472J | CHIP R 4.7K J 1/10W | | 6 |
| R456 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R457 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R458 | | | RK73FB2A101J | CHIP R 100 J 1/10W | | |
| R460,461 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R462 | | | RK73EB2B101J | CHIP R 100 J 1/8W | | |
| R514 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | | |
| R515 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R523 | | | RD14NB2E1R0J | RD 1 J 1/4W | | |
| R524,525 | | | RK73FB2A101J | CHIP R 100 J 1/10W | | |
| R528 | | | RK73FB2A101J | CHIP R 100 J 1/10W | | |
| R529,530 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R536 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R545,546 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R552 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R556 | | | RK73FB2A103J | CHIP R 10K J 1/10W | KP1Y1 | |
| R556 | | | RK73FB2A103J | CHIP R 10K J 1/10W | M1X1K1 | |
| R556 | | | RK73FB2A103J | CHIP R 10K J 1/10W | P2K2P3 | |
| R565 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R568 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R570 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R577 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R580 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | E1T1Q1 | |
| R580 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | E2 | |
| R582 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| W303 | | | R92-0679-05 | CHIP R 0 OHM | | |
| W304-306 | | | R92-0670-05 | CHIP R 0 OHM | | |
| W309,310 | | | R92-0679-05 | CHIP R 0 OHM | | |
| W312 | | | R92-0679-05 | CHIP R 0 OHM | | |
| W314 | | | R92-0679-05 | CHIP R 0 OHM | | |
| W315 | | | R92-0670-05 | CHIP R 0 OHM | | |
| W316-318 | | | R92-0679-05 | CHIP R 0 OHM | | |
| W501,502 | | | R92-0670-05 | CHIP R 0 OHM | KP1Y1 | |
| W501,502 | | | R92-0670-05 | CHIP R 0 OHM | M1X1K1 | |

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| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|--------------|----------------|--------------|----------|
| W501,502 | | | R92-0670-05 | CHIP R 0 OHM | | P2K2P3 |
| K1 | | | S76-0061-05 | MAGNETIC RELAY | | |
| K2 | | | S76-0061-05 | MAGNETIC RELAY | | 7 |
| K2 | | | S76-0061-05 | MAGNETIC RELAY | | 6 |
| K3 ,4 | | | S76-0061-05 | MAGNETIC RELAY | | |
| S501-505 | | | S70-0031-05 | TACT SWITCH | | |
| S507 | | | S70-0031-05 | TACT SWITCH | | |
| S509-512 | | | S70-0031-05 | TACT SWITCH | | |
| S514-516 | | | S70-0031-05 | TACT SWITCH | | |
| S520,521 | | | S70-0031-05 | TACT SWITCH | | |
| S517 | | | T99-0602-05 | ROTARY ENCODER | | |
| S518,519 | | | T99-0605-05 | ROTARY ENCODER | | |
| D3 ,4 | | | MTZJ5.1(B) | ZENER DIODE | | |
| D3 ,4 | | | RD5.1ES(B2) | ZENER DIODE | | |
| D5 ,6 | | | MTZJ6.8(B) | ZENER DIODE | | |
| D5 ,6 | | | RD6.8ES(B2) | ZENER DIODE | | |
| D7 | | | MTZJ5.1(B) | ZENER DIODE | | |
| D7 | | | RD5.1ES(B2) | ZENER DIODE | | |
| D8 | | | MTZJ11(B) | ZENER DIODE | | |
| D8 | | | RD11ES(B2) | ZENER DIODE | | |
| D10 | | | MTZJ8.2(B) | ZENER DIODE | | 7 |
| D10 | | | MTZJ8.2(B) | ZENER DIODE | | 6 |
| D10 | | | RD8.2ES(B2) | ZENER DIODE | | 7 |
| D10 | | | RD8.2ES(B2) | ZENER DIODE | | 6 |
| D11 | | | MTZJ7.5(B) | ZENER DIODE | | 7 |
| D11 | | | MTZJ7.5(B) | ZENER DIODE | | 6 |
| D11 | | | RD7.5ES(B2) | ZENER DIODE | | 6 |
| D11 | | | RD7.5ES(B2) | ZENER DIODE | | 7 |
| D12 ,13 | | | MTZJ8.2(B) | ZENER DIODE | | 7 |
| D12 ,13 | | | MTZJ8.2(B) | ZENER DIODE | | 6 |
| D12 ,13 | | | RD8.2ES(B2) | ZENER DIODE | | 7 |
| D12 ,13 | | | RD8.2ES(B2) | ZENER DIODE | | 6 |
| D14 ,15 | | | MTZJ10(B) | ZENER DIODE | | 6 |
| D14 ,15 | | | MTZJ10(B) | ZENER DIODE | | 7 |
| D14 ,15 | | | RD10ES(B2) | ZENER DIODE | | 7 |
| D14 ,15 | | | RD10ES(B2) | ZENER DIODE | | 6 |
| D19 | | | MA111 | DIODE | | |
| D20 | | | MA111 | DIODE | | 7 |
| D20 | | | MA111 | DIODE | | 6 |
| D21 -23 | | | MA111 | DIODE | | |
| D24 | | | MTZJ4.7(B) | ZENER DIODE | | |
| D24 | | | RD4.7ES(B2) | ZENER DIODE | | |
| D25 | | | MTZJ3.3(B) | ZENER DIODE | | |
| D25 | | | RD3.3ES(B2) | ZENER DIODE | | |
| D26 | | | MA111 | DIODE | | |
| D31 ,32 | | | D4SBL20UF03 | DIODE | | |
| D33 -36 | | | S5688B(TPB5) | DIODE | | |
| D37 ,38 | | | MTZJ16(B) | ZENER DIODE | | |
| D37 ,38 | | | RD16ES(B2) | ZENER DIODE | | |
| D39 ,40 | | | MTZJ18(B) | ZENER DIODE | | |
| D39 ,40 | | | RD18ES(B2) | ZENER DIODE | | |
| D50 ,51 | | | MA111 | DIODE | | |
| D50 ,51 | | | MA111 | DIODE | | 6 |
| D52 | | | MA111 | DIODE | | 7 |
| D52 | | | MA111 | DIODE | | |

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PARTS LIST

KRF-V5010/N/6010/N/7010/N/R-205/206/207/255/257

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| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|-------------|----------------|--------------|----------|
| D53 | | | MA111 | DIODE | | 6 |
| D53 | | | MA111 | DIODE | | 7 |
| D54 | | | MA111 | DIODE | | 7 |
| D54 | | | MA111 | DIODE | | 6 |
| D55 | | | MA111 | DIODE | | 7 |
| D55 | | | MA111 | DIODE | | 6 |
| D56 | | | MTZJ7.5(B) | ZENER DIODE | | |
| D56 | | | RD7.5ES(B2) | ZENER DIODE | | |
| D504 | | | HSS104A | DIODE | Q1E2 | |
| D504 | | | HSS104A | DIODE | Y1M1X1 | |
| D504 | | | 1SS133 | DIODE | Q1E2 | |
| D504 | | | 1SS133 | DIODE | Y1M1X1 | |
| D505 | | | HSS104A | DIODE | E1T1 | |
| D505 | | | 1SS133 | DIODE | E1T1 | |
| D506 | | | HSS104A | DIODE | K1P2 | 7 |
| D506 | | | 1SS133 | DIODE | K1P2 | 7 |
| D507 | | | HSS104A | DIODE | Q1E2 | 7 |
| D507 | | | 1SS133 | DIODE | Q1E2 | 7 |
| D508,509 | | | HSS104A | DIODE | | |
| D508,509 | | | 1SS133 | DIODE | KP1K1 | |
| D510 | | | HSS104A | DIODE | E1T1Q1 | |
| D510 | | | HSS104A | DIODE | E2 | |
| D510 | | | HSS104A | DIODE | Y1M1X1 | |
| D510 | | | 1SS133 | DIODE | E1T1Q1 | |
| D510 | | | 1SS133 | DIODE | E2 | |
| D510 | | | 1SS133 | DIODE | Y1M1X1 | |
| D511-521 | | | HSS104A | DIODE | | |
| D511-521 | | | 1SS133 | DIODE | | |
| D511-521 | | | 1SS133 | DIODE | | |
| D522 | | | HSS104A | DIODE | | 5 |
| D522 | | | 1SS133 | DIODE | | 5 |
| D523 | | | HSS104A | DIODE | | |
| D523 | | | 1SS133 | DIODE | | |
| D524 | | | HSS104A | DIODE | E1T1Q1 | |
| D524 | | | HSS104A | DIODE | E2 | |
| D524 | | | 1SS133 | DIODE | E1T1Q1 | |
| D524 | | | 1SS133 | DIODE | E2 | |
| D526 | | | MTZJ6.2(B) | ZENER DIODE | | |
| D526 | | | RD6.2ES(B2) | ZENER DIODE | | |
| D529 | | | HSS104A | DIODE | | |
| D529 | | | 1SS133 | DIODE | | |
| ED51 | | | 11-MT-116GK | INDICATOR TUBE | | |
| Δ IC1 | | | TA7815SB | ANALOGUE IC | | |
| Δ IC2 | | | TA79015SB | ANALOGUE IC | | |
| Δ IC3 | | * | STK407-090K | HYBRID IC | | 5 |
| Δ IC3 | | * | STK411-230D | HYBRID IC | | 7 |
| Δ IC3 | | * | STK411-230D | HYBRID IC | | 6 |
| Δ IC3 | | * | STK411-230K | HYBRID IC | KP1Y1 | 7 |
| Δ IC3 | | * | STK411-230K | HYBRID IC | M1X1K1 | 7 |
| Δ IC3 | | * | STK411-230K | HYBRID IC | P2K2P3 | 7 |
| Δ IC4 | | * | STK407-290K | HYBRID IC | | 5 |
| Δ IC4 | | * | STK410-030D | HYBRID IC | | 7 |
| Δ IC4 | | * | STK410-030D | HYBRID IC | | 6 |
| Δ IC4 | | * | STK410-030K | HYBRID IC | | 7 |
| Δ IC4 | | * | STK410-030K | HYBRID IC | | 6 |
| Δ IC5 | | | NJM4580ED | ANALOGUE IC | | |

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|---------|----------|-----------|----------------|------------------------|--------------|----------|
| IC6 | | | TC9164AF | MOS-IC | | |
| IC7 | | | TC9162AF | MOS-IC | | |
| IC8 | | | NJM4565MD | IC(OP AMP X2) | | |
| IC9 | | | M62446FP | ANALOGUE IC | | |
| IC12 | | | NJM4565MD | IC(OP AMP X2) | | |
| IC16 | | | M62460AFP | ANALOGUE IC | | |
| IC17 | | | BU4066BCF | IC(ANALOG SWITCH X4) | | |
| IC18 | | | NJM2279M | ANALOGUE IC | | |
| IC19 | | | M5278L05M | ANALOGUE IC | | |
| IC51 | | | CXP82832-144Q | MI-COM IC | | KP1Y1 |
| IC51 | | | CXP82832-144Q | MI-COM IC | | M1X1K1 |
| IC51 | | | CXP82832-144Q | MI-COM IC | | P2K2P3 |
| IC51 | | | CXP82852-130Q | MI-COM IC | | E1T1Q1 |
| IC51 | | | CXP82852-130Q | MI-COM IC | | E2 |
| IC52 | | | X24C02S | MEMORY IC | | E1T1Q1 |
| IC52 | | | X24C02S | MEMORY IC | | E2 |
| IC52 | | | X24C02S | MEMORY IC | | Y1M1X1 |
| IC53 | | | S-80740AL-A4 | IC(VOLTAGE DETECTOR) | | |
| IC54 | | | SAA6579T | ANALOGUE IC | | E1T1Q1 |
| IC54 | | | SAA6579T | ANALOGUE IC | | E2 |
| IC54 | | | SAA6579T/R | ANALOGUE IC | | E1T1Q1 |
| IC54 | | | SAA6579T/R | ANALOGUE IC | | E2 |
| Q1 -11 | | | 2SC2878(B) | TRANSISTOR | | |
| Q12 | | | 2SC4213(B) | TRANSISTOR | | |
| Q13 ,14 | | | 2SA1586(Y,GR) | TRANSISTOR | | |
| Q13 ,14 | | | 2SA1611(M5,M6) | TRANSISTOR | | |
| Q15 -19 | | | 2SC1845(F,E) | TRANSISTOR | | |
| Q20 | | | DTC123JUA | DIGITAL TRANSISTOR | | |
| Q21 | | | DTC123JUA | DIGITAL TRANSISTOR | | 7 |
| Q22 ,23 | | | DTC123JUA | DIGITAL TRANSISTOR | | |
| Q24 ,25 | | | 2SC3722K(R,S) | TRANSISTOR | | |
| Q26 | | | 2SA1255 | TRANSISTOR | | |
| Q29 | | | 2SC2631(S,T) | TRANSISTOR | | |
| Q30 | | | 2SA1123(S,T) | TRANSISTOR | | |
| Q31 | | | 2SA1534A | TRANSISTOR | | 5 |
| Δ Q31 | | | 2SB1640 | TRANSISTOR | | 7 |
| Δ Q31 | | | 2SB1640 | TRANSISTOR | | 6 |
| Q32 -34 | | | 2SC3722K(R,S) | TRANSISTOR | | |
| Q35 | | | 2SA1255 | TRANSISTOR | | |
| Q36 ,37 | | | 2SC3722K(R,S) | TRANSISTOR | | |
| Q40 | | | 2SC4213(B) | TRANSISTOR | | 7 |
| Q40 | | | 2SC4213(B) | TRANSISTOR | | 6 |
| Q41 | | | DTC113ZUA | DIGITAL TRANSISTOR | | 7 |
| Q41 | | | DTC113ZUA | DIGITAL TRANSISTOR | | 6 |
| Q41 | | | UN5219 | DIGITAL TRANSISTOR | | 7 |
| Q41 | | | UN5219 | DIGITAL TRANSISTOR | | 6 |
| Q42 | | | 2SC4213(B) | TRANSISTOR | | 7 |
| Q42 | | | 2SC4213(B) | TRANSISTOR | | 6 |
| Q501 | | | 2SC4116(Y,GR) | TRANSISTOR | | Y1M1X1 |
| Q501 | | | 2SC4177(L5,L6) | TRANSISTOR | | Y1M1X1 |
| Q501 | | | 2SC4116(Y,GR) | TRANSISTOR | | |
| Q503 | | | 2SC4177(L5,L6) | TRANSISTOR | | |
| A501 | | | W02-2625-05 | OPTIC RECEIVING MODULE | | |

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KRF-V5010W6010N/7010MR-205/206/207/255/257
PARTS LIST

KRF-V5010/V6010/V7010/VR-205/206/207/255/257

PARTS LIST

HOW TO READ THE PARTS LIST

ABBREVIATION OF MODEL AND MASS PRODUCTION'S DESTINATIONS

| MODEL | ABB. | Australia | Canada | China | England | Europe | Germany | Korea | Malaysia |
|------------|------|-----------|----------|--------|-------------|----------|---------|------------|----------|
| KRF-5010 | 5 | X1 | - | - | T1 | E1 | - | - | - |
| KRF-5010E | | - | - | - | - | E2 | - | - | - |
| KRF-5010W | | - | - | - | - | - | - | - | - |
| VR-205 | | - | P1 | - | - | - | - | - | - |
| VR-255 | | - | P2 | - | - | - | - | - | - |
| KRF-V6010 | 6 | X1 | - | - | - | E1 | - | - | - |
| KRF-V6010E | | - | - | - | - | E2 | - | - | - |
| KRF-V6010W | | - | - | - | - | - | - | - | - |
| KRF-V7010 | 7 | X1 | - | - | T1 | E1 | - | - | - |
| KRF-V7010E | | - | - | - | - | E2 | - | - | - |
| KRF-V7010W | | - | - | - | - | - | - | - | - |
| VR-206 | | - | P3 | - | - | - | - | - | - |
| VR-207 | | - | P1 | - | - | - | - | - | - |
| VR-257 | | - | P2 | - | - | - | - | - | - |
| MODEL | ABB. | Mexico | PX/AAFES | Russia | Scandinavia | Shanghai | USA | Other area | |
| KRF-5010 | 5 | - | Y1 | - | - | - | - | M1 | - |
| KRF-5010E | | - | - | - | - | - | - | - | - |
| KRF-5010W | | - | - | Q1 | - | - | - | - | - |
| VR-205 | | - | - | - | - | - | K | - | - |
| VR-255 | | - | - | - | - | - | K1 | - | - |
| KRF-V6010 | 6 | - | - | - | - | - | - | M1 | - |
| KRF-V6010E | | - | - | - | - | - | - | - | - |
| KRF-V6010W | | - | - | Q1 | - | - | - | - | - |
| KRF-V7010 | 7 | - | Y1 | - | - | - | - | M1 | - |
| KRF-V7010E | | - | - | - | - | - | - | - | - |
| KRF-V7010W | | - | - | Q1 | - | - | - | - | - |
| VR-206 | | - | - | - | - | - | K2 | - | - |
| VR-207 | | - | - | - | - | - | K | - | - |
| VR-257 | | - | - | - | - | - | K1 | - | - |

KRF-V5010/V6010/V7010/VR-205/206/207/255/257

SPECIFICATIONS

For U.S.A and Canada

AUDIO section

Rated power output during STEREO operation
VR-207, VR-257, VR-206

100 watts per channel minimum RMS, both channels driven, at 8 Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion.(FTC)

VR-205, VR-255

50 watts per channel minimum RMS, both channels driven, at 8 Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion.(FTC)

Effective power output during SURROUND operation

VR-207, VR-257, VR-206
FRONT (1kHz, 0.7% T.H.D. at 8 Ω one channel driven)
..... 100 W + 100 W
CENTER (1kHz, 0.7% T.H.D. at 8 Ω one channel driven)
..... 100 W
SURROUND (1kHz, 0.7% T.H.D. at 8 Ω one channel driven)
..... 100 W + 100 W

VR-205, VR-255
FRONT (1kHz, 0.7% T.H.D. at 8 Ω one channel driven)
..... 50 W + 50 W
CENTER (1kHz, 0.7% T.H.D. at 8 Ω one channel driven)
..... 50 W
SURROUND (1kHz, 0.7% T.H.D. at 8 Ω one channel driven)
..... 50 W + 50 W

Total harmonic distortion
VR-207, VR-257, VR-206 0.03% (1 kHz, 50W, 8 Ω)
VR-205, VR-255 0.03% (1 kHz, 25W, 8 Ω)

Signal to noise ratio (IHF'66)
PHONO (MM) 75 dB
CD 91 dB

Input sensitivity / impedance
PHONO (MM) 2.5 mV / 27 kΩ
CD 200 mV / 47 kΩ
DVD 6CH (SUBWOOFER) 200 mV / 10 kΩ

Output level / impedance
TAPE REC 200 mV / 1 kΩ
PRE OUT (CENTER, SURROUND) 1 V / 1 kΩ
(only VR-207, VR-257, VR-206)
PRE OUT (SUBWOOFER) 1 V / 600 Ω

Tone control
BASS ±10 dB (at 100 Hz)
TREBLE ±10 dB (at 10 kHz)

VIDEO section

VIDEO inputs / outputs
VIDEO (composite) 1 Vp-p / 75 Ω

TV tuner section (For VR-257)

Reception frequency 65.75 MHz (3ch)
71.75 MHz (4ch)

FM tuner section

Tuning frequency range 87.5 MHz ~ 108 MHz
Usable sensitivity (MONO)
..... 1.6 μV (75 Ω) / 15.2 dBf (75 kHz DEV., SINAD 30 dB)
50dB quieting sensitivity
STEREO 31.6 μV (75 Ω) / 41.2 dBf
Total harmonic distortion (1 kHz)
MONO 0.6% (65 dBf input)
STEREO 0.7% (65 dBf input)
Signal to noise ratio (1 kHz, 75 kHz DEV.)
MONO 75 dB (65 dBf input)
STEREO 68 dB (65 dBf input)
Stereo separation (1 kHz) 38 dB
Selectivity (±400 kHz) 70 dB
Frequency response 30 Hz ~ 15kHz, +0.5 dB, -3.0 dB

AM tuner section

Tuning frequency range
10 kHz step 530 kHz ~ 1,700 kHz
Usable sensitivity (30% mod., S/N 20 dB)
..... 16 μV / (600 μV/m)
Signal to noise ratio (30% mod. 1 mV input) 50 dB

GENERAL

Power consumption 2.2 A
AC outlet
SWITCHED 2 (total 150 W, 1.25 A max.)

Dimensions W : 440 mm (17-5/16")
H : 144 mm (5-11/16")
D : 390 mm (15-3/8")

Weight (Net)
VR-207, VR-257, VR-206 8.6 kg (19.0 lb)
VR-205, VR-255 8.2 kg (18.1 lb)

Notes

1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).

KRF-V5010/V6010/V7010/VR-205/206/207/255/257

SPECIFICATIONS

For Europ

AUDIO section

Rated power output during STEREO operation

KRF-V7010
(DIN) 1 kHz, 0.7% at 4 Ω 100 W + 100 W

KRF-V6010
(DIN) 1 kHz, 0.7% at 4 Ω 90 W + 90 W

KRF-V5010
(DIN) 1 kHz, 0.7% at 4 Ω 50 W + 50 W

Effective power output during SURROUND operation

KRF-V7010
FRONT(1kHz, 0.7% T.H.D. at 4 Ω one channel driven)
..... 100 W + 100 W
CENTER (1kHz, 0.7% T.H.D. at 4 Ω one channel driven)
..... 100 W
SURROUND(1kHz, 0.7% T.H.D. at 4 Ω one channel driven)
..... 100 W + 100 W

KRF-V6010
FRONT(1kHz, 0.7% T.H.D. at 4 Ω one channel driven)
..... 80 W + 80 W
CENTER (1kHz, 0.7% T.H.D. at 4 Ω one channel driven)
..... 80 W
SURROUND(1kHz, 0.7% T.H.D. at 4 Ω one channel driven)
..... 80 W + 80 W

KRF-V5010
FRONT(1kHz, 0.7% T.H.D. at 4 Ω one channel driven)
..... 50 W + 50 W
CENTER (1kHz, 0.7% T.H.D. at 4 Ω one channel driven)
..... 50 W
SURROUND(1kHz, 0.7% T.H.D. at 4 Ω one channel driven)
..... 50 W + 50 W

Total harmonic distortion

KRF-V7010 0.03%(1 kHz, 50W, 4 Ω)
KRF-V6010 0.03%(1 kHz, 40W, 4 Ω)
KRF-V5010 0.03%(1 kHz, 25W, 4 Ω)

Signal to noise ratio

PHONO (MM) 75 dB (IHF'66)
..... 55 dB (DIN 50mW output)
CD 91 dB (IHF'66)
..... 56 dB (DIN 50mW output)

Input sensitivity / impedance

PHONO (MM) 2.5 mV / 27 kΩ
CD 200 mV / 47 kΩ
DVD 6CH (SUBWOOFER) 200 mV / 10 kΩ

Output level / impedance

TAPE REC 200 mV / 1 kΩ
PRE OUT (CENTER, SURROUND) 1 V / 1 kΩ
(only KRF-V7010, KRF-V6010)
PRE OUT (SUBWOOFER) 1 V / 600 Ω

Tone control

BASS ±10 dB (at 100 Hz)
TREBLE ±10 dB (at 10 kHz)

VIDEO section

VIDEO inputs / outputs

VIDEO (composite) 1 Vp-p / 75 Ω

FM tuner section

Tuning frequency range

U.K. and Europe 87.5 MHz ~ 108 MHz
Russia 87.5 MHz ~ 108 MHz,
65.0 MHz ~ 74.0 MHz

Usable sensitivity (DIN, 75 Ω)

MONO 1.2 μV / 13.2 dBf (40 kHz DEV., S/N 26 dB)
STEREO 35 μV / 42.1 dBf (46 kHz DEV., S/N 46 dB)

Total harmonic distortion (DIN, 1 kHz)

MONO 0.2% (65.2 dBf input)
STEREO 0.8% (65.2 dBf input)

Signal to noise ratio (DIN weighted, 1 kHz)

U.K. and Europe
MONO 65 dB (40 kHz DEV., 65.2 dBf input)
STEREO 60 dB (46 kHz DEV., 65.2 dBf input)
Russia
MONO 63 dB (40 kHz DEV., 65.2 dBf input)
STEREO 58 dB (46 kHz DEV., 65.2 dBf input)

Stereo separation (DIN, 1 kHz) 36 dB

Selectivity (DIN, ±300 kHz) 64 dB

Frequency response (30 Hz ~ 15kHz) +0.5 dB, -3.0 dB

AM tuner section

Tuning frequency range 531 kHz ~ 1,602 kHz

Usable sensitivity (30% mod., S/N 20 dB)

..... 16 μV / (600 μV/m)

Signal to noise ratio (30% mod., 1 mV input) 50 dB

GENERAL

Power consumption

KRF-V7010, KRF-V6010 280 W
KRF-V5010 210 W

AC outlet

SWITCHED 2 (total 150 W max.)

Dimensions W : 440 mm

H : 144 mm

KRF-V7010 D : 400 mm

KRF-V6010, KRF-V5010 D : 390 mm

Weight (Net)

KRF-V7010, KRF-V6010 8.6 kg

KRF-V5010 8.2 kg

Notes

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2. The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).

KRF-V5010/V6010/V7010/VR-205/206/207/255/257

SPECIFICATIONS

For other countries

AUDIO section

Effective power output during STEREO operation

| | |
|--------------------------|---------------|
| KRF-V7010 | |
| 1kHz, 10% T.H.D., at 8 Ω | 140 W + 140 W |
| KRF-V6010 | |
| 1kHz, 10% T.H.D., at 8 Ω | 120 W + 120 W |
| KRF-V5010 | |
| 1kHz, 10% T.H.D., at 8 Ω | 70 W + 70 W |

Rated power output during STEREO operation

| | |
|-----------------------------------|---------------|
| KRF-V7010 | |
| DIN (63 Hz ~ 12.5 kHz, 0.7%, 8 Ω) | 110 W + 110 W |

100 watts per channel minimum RMS, both channels driven, at 8 Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion.(FTC)

| | |
|-----------------------------------|-------------|
| KRF-V6010 | |
| DIN (63 Hz ~ 12.5 kHz, 0.7%, 8 Ω) | 80 W + 80 W |

80 watts per channel minimum RMS, both channels driven, at 8 Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion.(FTC)

| | |
|-----------------------------------|-------------|
| KRF-V5010 | |
| DIN (63 Hz ~ 12.5 kHz, 0.7%, 8 Ω) | 50 W + 50 W |

50 watts per channel minimum RMS, both channels driven, at 8 Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion.(FTC)

Effective power output during SURROUND operation

| | |
|---|---------------|
| KRF-V7010 | |
| FRONT (1kHz, 10% T.H.D. at 8 Ω one channel driven) | 100 W + 100 W |
| CENTER (1kHz, 10% T.H.D. at 8 Ω one channel driven) | 100 W |
| SURROUND (1kHz, 10% T.H.D. at 8 Ω one channel driven) | 100 W + 100 W |

| | |
|---|-------------|
| KRF-V6010 | |
| FRONT (1kHz, 10% T.H.D. at 8 Ω one channel driven) | 80 W + 80 W |
| CENTER (1kHz, 10% T.H.D. at 8 Ω one channel driven) | 80 W |
| SURROUND (1kHz, 10% T.H.D. at 8 Ω one channel driven) | 80 W + 80 W |

| | |
|---|-------------|
| KRF-V5010 | |
| FRONT (1kHz, 10% T.H.D. at 8 Ω one channel driven) | 50 W + 50 W |
| CENTER (1kHz, 10% T.H.D. at 8 Ω one channel driven) | 50 W |
| SURROUND (1kHz, 10% T.H.D. at 8 Ω one channel driven) | 50 W + 50 W |

Total harmonic distortion

| | |
|-----------|------------------------|
| KRF-V7010 | 0.03%(1 kHz, 50W, 8 Ω) |
| KRF-V6010 | 0.03%(1 kHz, 40W, 8 Ω) |
| KRF-V5010 | 0.03%(1 kHz, 25W, 8 Ω) |

Signal to noise ratio (IHF'66)

| | |
|------------|-------|
| PHONO (MM) | 75 dB |
| CD | 91 dB |

Input sensitivity / impedance

| | |
|---------------------|----------------|
| PHONO (MM) | 2.5 mV / 27 kΩ |
| CD | 200 mV / 47 kΩ |
| DVD 6CH (SUBWOOFER) | 200 mV / 10 kΩ |

Output level / impedance

| | |
|-----------------------------|---------------|
| TAPE REC | 200 mV / 1 kΩ |
| PRE OUT (CENTER, SURROUND) | 1 V / 1 kΩ |
| (only KRF-V7010, KRF-V6010) | |
| PRE OUT (SUBWOOFER) | 1 V / 600 Ω |

Tone control

| | |
|--------|--------------------|
| BASS | ±10 dB (at 100 Hz) |
| TREBLE | ±10 dB (at 10 kHz) |

VIDEO section

VIDEO inputs / outputs

| | |
|-------------------|---------------|
| VIDEO (composite) | 1 Vp-p / 75 Ω |
|-------------------|---------------|

FM tuner section

| | |
|--|---|
| Tuning frequency range | 87.5 MHz ~ 108 MHz |
| Usable sensitivity (MONO) | |
| | 1.6 μV (75 Ω) / 15.2 dBf (75 kHz DEV., SINAD 30 dB) |
| 50dB quieting sensitivity | |
| STEREO | 31.6 μV (75 Ω) / 41.2 dBf |
| Total harmonic distortion (1 kHz) | |
| MONO | 0.6% (65 dBf input) |
| STEREO | 0.7% (65 dBf input) |
| Signal to noise ratio (1 kHz, 75 kHz DEV.) | |
| MONO | 75 dB (65 dBf input) |
| STEREO | 68 dB (65 dBf input) |
| Stereo separation (1 kHz) | 38 dB |
| Selectivity (±400 kHz) | 50 dB |
| Frequency response | 30 Hz ~ 15kHz, +0.5 dB, -3.0 dB |

AM tuner section

| | |
|---|---------------------|
| Tuning frequency range | |
| 9 kHz step | 531 kHz ~ 1,602 kHz |
| 10 kHz step | 530 kHz ~ 1,610 kHz |
| Usable sensitivity (30% mod., S/N 20 dB) | |
| | 16 μV / (600 μV/m) |
| Signal to noise ratio (30% mod. 1 mV input) | 50 dB |

GENERAL

Power consumption

| | |
|----------------------|-------|
| KRF-V7010, KRF-V6010 | 280 W |
| KRF-V5010 | 210 W |

AC outlet

| | |
|-----------------------------|----------------------|
| SWITCHED (for Australia) | 1 (total 150 W max.) |
| SWITCHED (except Australia) | 2 (total 150 W max.) |

Dimensions

| |
|------------|
| W : 440 mm |
| H : 144 mm |
| D : 390 mm |

Weight (Net)

| | |
|----------------------|--------|
| KRF-V7010, KRF-V6010 | 9.4 kg |
| KRF-V5010 | 8.2 kg |

Notes

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2. The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).

Note:

Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on General market(M) 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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