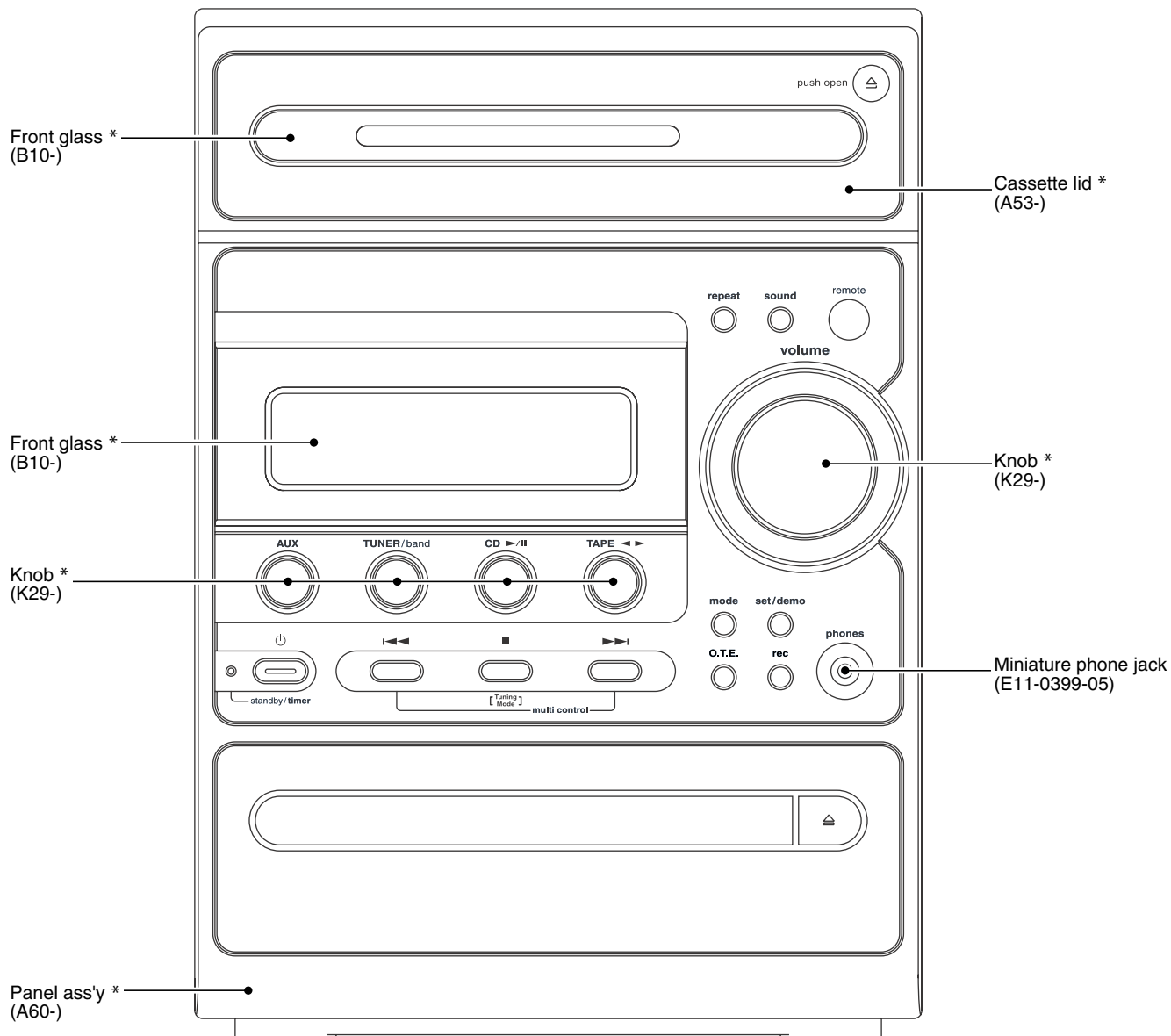


RXD-M65V-H/M65V-N

SERVICE MANUAL

(HM-V655MP-H/V655MP-N)

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B51-5814-00 (K/K) 1897



*** Refer to parts list on page 30.**

In compliance with Federal Regulations, following are reproduction of labels on, or inside the product relating to laser product safety.

Caution : No connection of ground line if disassemble the unit. Please connect the ground line on rear panel, PCBs, Chassis and some others.

KENWOOD Corp. certifies this equipment conforms to DHHS Regulations No.21 CFR 1040. 10, Chapter 1, subchapter J.

DANGER : Laser radiation when open and interlock defeated. AVOID DIRECT EXPOSURE TO BEAM.



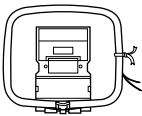
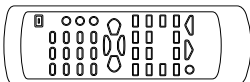
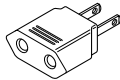
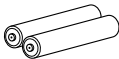

RXD-M65V-H/M65V-N

CONTENTS / ACCESSORIES / CAUTIONS

Contents

CONTENTS / ACCESSORIES	2	INTERCONNECTION DIAGRAM	15
EXTERNAL VIEW	3	PC BOARD	16
DISASSEMBLY FOR REPAIR	4	SCHEMATIC DIAGRAM	21
BLOCK DIAGRAM	5	EXPLODED VIEW	28
CIRCUIT DESCRIPTION	6	PARTS LIST	30
ADJUSTMENT	13	SPECIFICATIONS	36

Accessories

<p>AM Loop antenna (1) (T90-0852-05): V (T90-0893-05): MM1XE</p> 	<p>Remote control unit (1) (A70-1587-05): MM1XV (A70-1588-05): E</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>Batteries (R6/AA) (2)</p> 	<p>FM indoor antenna (1) (T90-0855-05): V (T90-0877-05): MM1XE</p> 	

SYSTEM CONFIGURATIONS


SYSTEM	MAIN UNIT	DESTINATION	SPEAKER
HM-V655MP-H	RXD-M65V-H	EMX	LS-M65V-H
HM-V655MP-N	RXD-M65V-N	V	LS-M65V-N

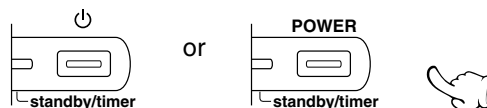
Cautions

Operation to reset

The microcomputer may fall into malfunction (impossibility to operate, erroneous display, etc.) when the power cord is unplugged while unit is ON or due to an external factor. In this case, execute the following procedure to reset the microcomputer and return it to normal condition.

- Please note that resetting the microcomputer clears the contents stored in and it returns to condition when it left the factory.

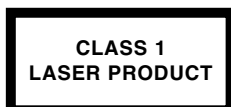
Unplug the power cord from the power outlet, then while holding the POWER or  key depressed, plug the power cord again.



After resetting the microcomputer, the display will show as follow:

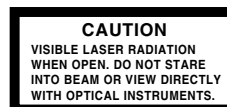
RESET

The marking of products using lasers (For countries other than U.S.A., U.S.-Military and Canada)



The marking of this product has been classified as Class 1. It means that there is no danger of hazardous radiation outside the product.

Location: Back panel

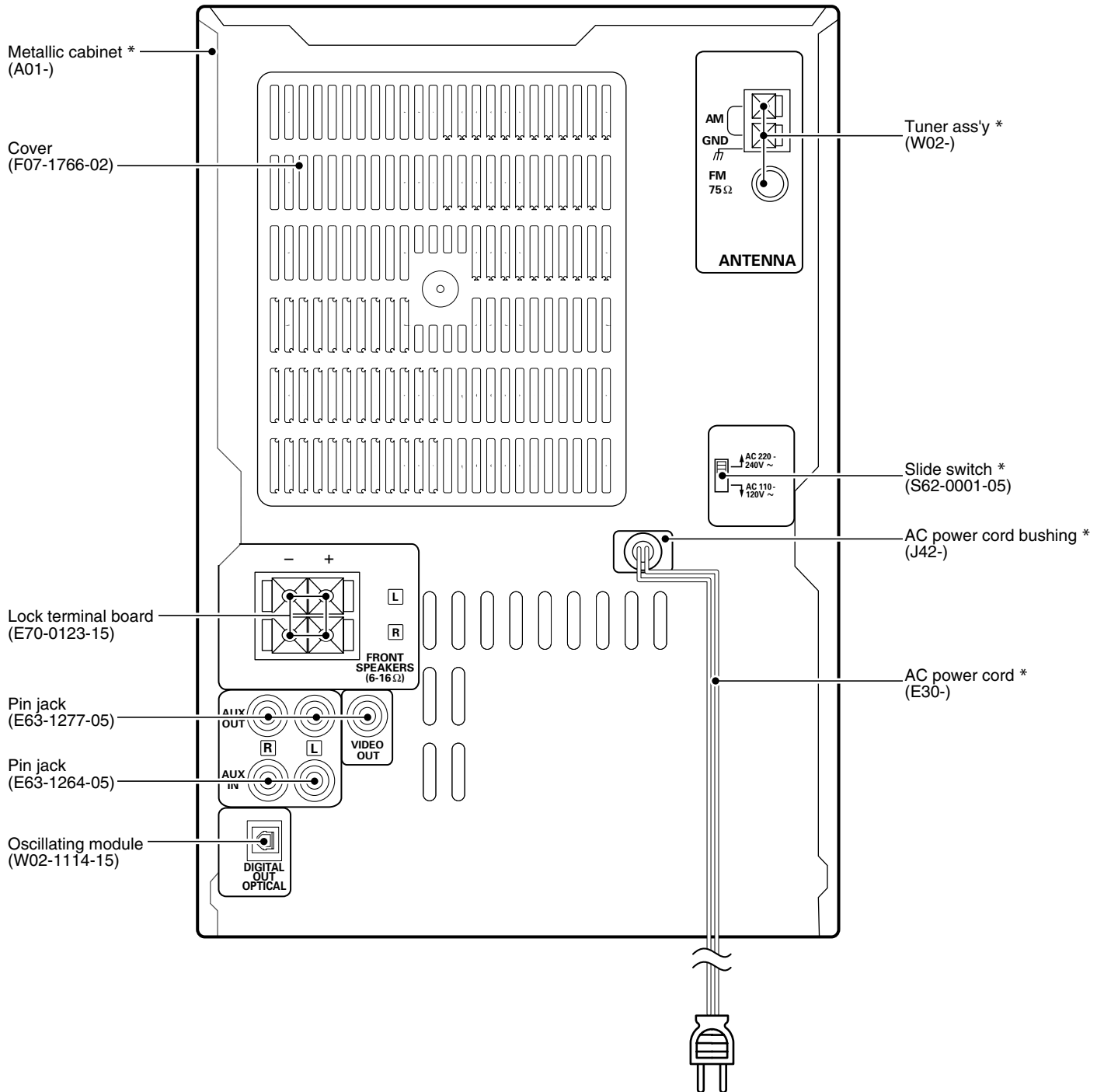


Inside this laser product, a laser diode classified as Class 3A laser radiation is contained as alerted by the internal caution label shown above. Do not stare into beam or view directly with optical instruments.

Location: CD laser pick-up unit cover inside this product

RXD-M65V-H/M65V-N

EXTERNAL VIEW



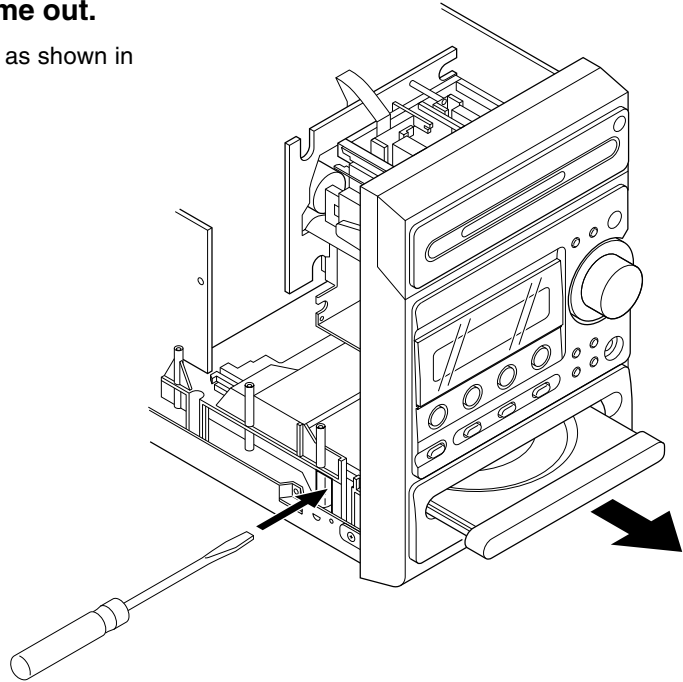
* Refer to parts list on page 30.

RXD-M65V-H/M65V-N

DISASSEMBLY FOR REPAIR

How to open the CD tray when it does not come out.

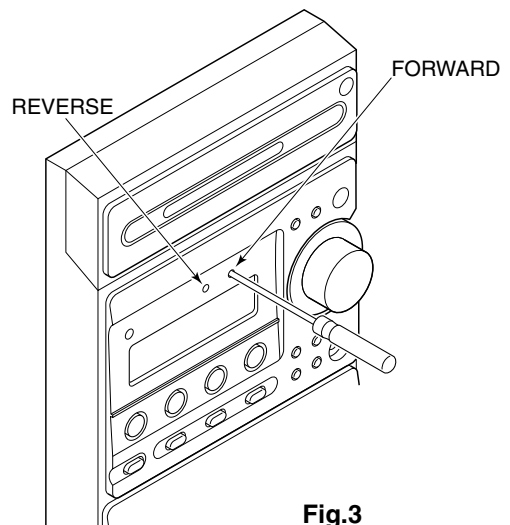
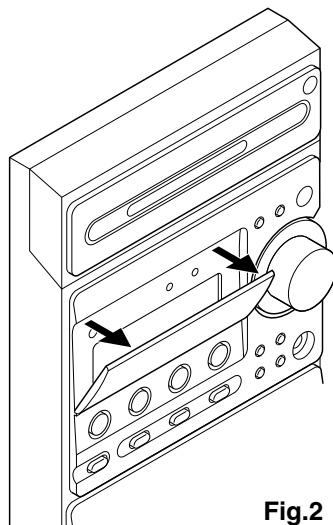
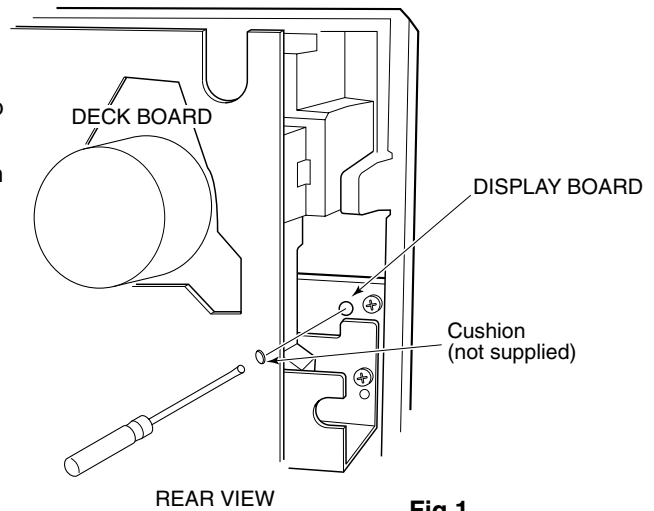
1. Insert a flat driver in to a square hole on the mechanism as shown in the figure.
2. Push a rack gear in the direction of arrow.
(At this time, the tray comes out slightly forward.)
3. The tray can be opened by hand.



How to Adjust the Azimuth of the REC/PLAY Head

(To adjust the azimuth adjustment screws, it is necessary to remove the front glass.)

1. Insert a screw driver into a hole on display board as shown in the drawing. (Fig.1)
2. Push a driver forward. (Fig.1)
3. Remove a front glass. (Fig.2)
4. Adjust the azimuth adjustment screws. (Fig.3)
* Replace a front glass if scratched.



RXD-M65V-H/M65V-N

CIRCUIT DESCRIPTION

1. Initializing

1-1 Initializing Method

- While holding down the [POWER] key, plugged in the power cord to AC power wall outlet.

1-2 Initializing Operation

- During the initial operation, the display shows "RESET "and after that
- it will be returned to standby condition.
- If any mechanisms error occurred, the error indication is displayed as "ERR" in the display.

1-3 Mechanism Initializations

① CD Mechanism

- If a mechanism error occurred, the error indication is displayed as "C ERR " in the display.

② Deck Mechanism

- If a mechanism error occurred, the error indication is displayed as "X ERR " in the display.

2. Tuner Destination

Set	Destination	Band	Receiving Frequency Range	Channel Space	IF	RF
E/T/H E2	E3 RDS	FM	87.5MHz~108.0MHz	50kHz	+10.7MHz	25kHz
		AM	531kHz~1602kHz	9kHz	+450kHz	9kHz
M/X/V/I	E1	FM	87.5MHz~108.0MHz	50kHz	+10.7MHz	25kHz
		AM	531kHz~1602kHz	9kHz	+450kHz	9kHz
M/V/I	K2	FM	87.5MHz~108.0MHz	100kHz	+10.7MHz	25kHz
		AM	530kHz~1610kHz	10kHz	+450kHz	10kHz

Type	E/E2/T/H	M/V	X
* Voltage Range	4.2V~5.0V	1.4V~2.5V	0.7~1.3V

* Pin 3 of microcomputer (X29, IC701).

3. Tuner Preset Frequency

P.CH	Frequency	
	K2(M,V TYPE)	E1/E3(E,E2,T,H,M,V,X)
1	FM 98.30MHz	FM 98.30MHz
2	FM 108.0MHz	FM 108.0MHz
3	FM 89.10MHz	FM 89.10MHz
4	FM 87.50MHz	FM 87.50MHz
5	FM 90.00MHz	FM 90.00MHz
6	FM 87.50MHz	FM 87.50MHz
7	FM 87.50MHz	FM 87.50MHz
8	FM 87.50MHz	AM 1503kHz
9	AM 1610kHz	AM 1584kHz
10	AM 1000kHz	AM 999kHz
11	AM 630kHz	AM 621kHz
12	AM 1440kHz	AM 1350kHz
13	FM 106.0MHz	FM 106.0MHz
14	AM 530kHz	AM 531kHz
15	FM 87.50MHz	FM 87.50MHz

P.CH	Frequency	
	K2(M,V TYPE)	E1/E3(E,E2,T,H,M,V,X)
16	FM 98.00MHz	FM 98.00MHz
17	FM 98.50MHz	FM 98.50MHz
18	FM 87.50MHz	FM 87.50MHz
19	AM 990kHz	AM 945kHz
20	FM 97.40MHz	FM 97.40MHz
21	AM 530kHz	AM 531kHz
22	FM 87.50MHz	FM 87.50MHz
23	FM 87.50MHz	FM 87.50MHz
24	FM 87.50MHz	FM 87.50MHz
25	FM 87.50MHz	FM 87.50MHz
26	FM 87.50MHz	FM 87.50MHz
27	FM 87.50MHz	FM 87.50MHz
28	FM 87.50MHz	FM 87.50MHz
29	FM 87.50MHz	FM 87.50MHz
30	FM 106.0MHz	FM 106.0MHz

CIRCUIT DESCRIPTION

4. Test Mode

4-1 Setting method of the Test Mode

Test Mode	Keys	Setting Method
CD MODE	CD PLAY key	Insert the AC cord to AC wall outlet while holding down the left key.
DECK MODE	TAPE PLAY	
* SUB CLOCK OSC DIAGNOSIS	MODE key	

* The oscillation diagnosis (existence of oscillation and measurement of period) of a sub clock is performed before the test mode is entered. If the diagnosis result is OK, the system enters the test mode. If the diagnosis result is NG, the oscillation of the sub clock is diagnosed again. If the result is OK, the system enters the test mode. If the diagnosis result is continuously NG 5 times, the system stops with "ERR1" and "ERR2" displayed.

4-2 Cancel of the test mode

- Initialized and cancel the test mode if pulling out the power cord.
- Cancel the test mode only if the power key is turned off.

4-3 Contents of the Test Mode

- The muting during mode selection is not controlled in the test mode.
- 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 main body, specifically as shown in the following tables.

4-4 CD Test Mode

Keys	Display	Operation
CD-PLAY/PAUSE (Cyclically changed the mode 05 and 03 by pressing the key.)	05 *:*:* (*:*:*)Time Display	• Tracking-servo on. • Pickup moves inward.
	03 *:*:* (*:*:*)Time Display	• Tracking-servo off. (for checking TE) • Pickup moves outward.
	00 : 00	Stop the CD operation.
CD STOP (Cyclically changed in the stop mode only.)		Adjustment value/mean value
	07 FG/FE	FG value /FE value
	08 FB/FO	FBAL value /FO value
	09 TG/TE	TG value /TE value
	10 TB/TO	TBAL value /TO value
SKIP UP	Ex.01~02	• Track number up.
SKIP DOWN	Ex.02~01	• Track number down.
SKIP UP	Usual Indication	• Play the first track number in the stop mode.
SKIP DOWN	Usual Indication	• Play the last track number in the stop mode.

4-5 Deck Test Mode

Keys	Display	Operation
TAPE REC	TAPE	• 4 Seconds Recording If the REC/ARM key is pressed, the system record for 4 seconds. Then, it rewinds to the REC starting position and plays back automatically. If the REC/ARM key is pressed, during the 4 seconds REC operation, the system records further for 4 seconds, then returns to the starting position of the first 4 seconds REC operation and plays back.
SOUND	Beat-C ON	Beat cancel will be on while pressing the sound key.

* Mechanism half switches indication

The mechanism half switches status are indicated "blank" or "E" in the display.

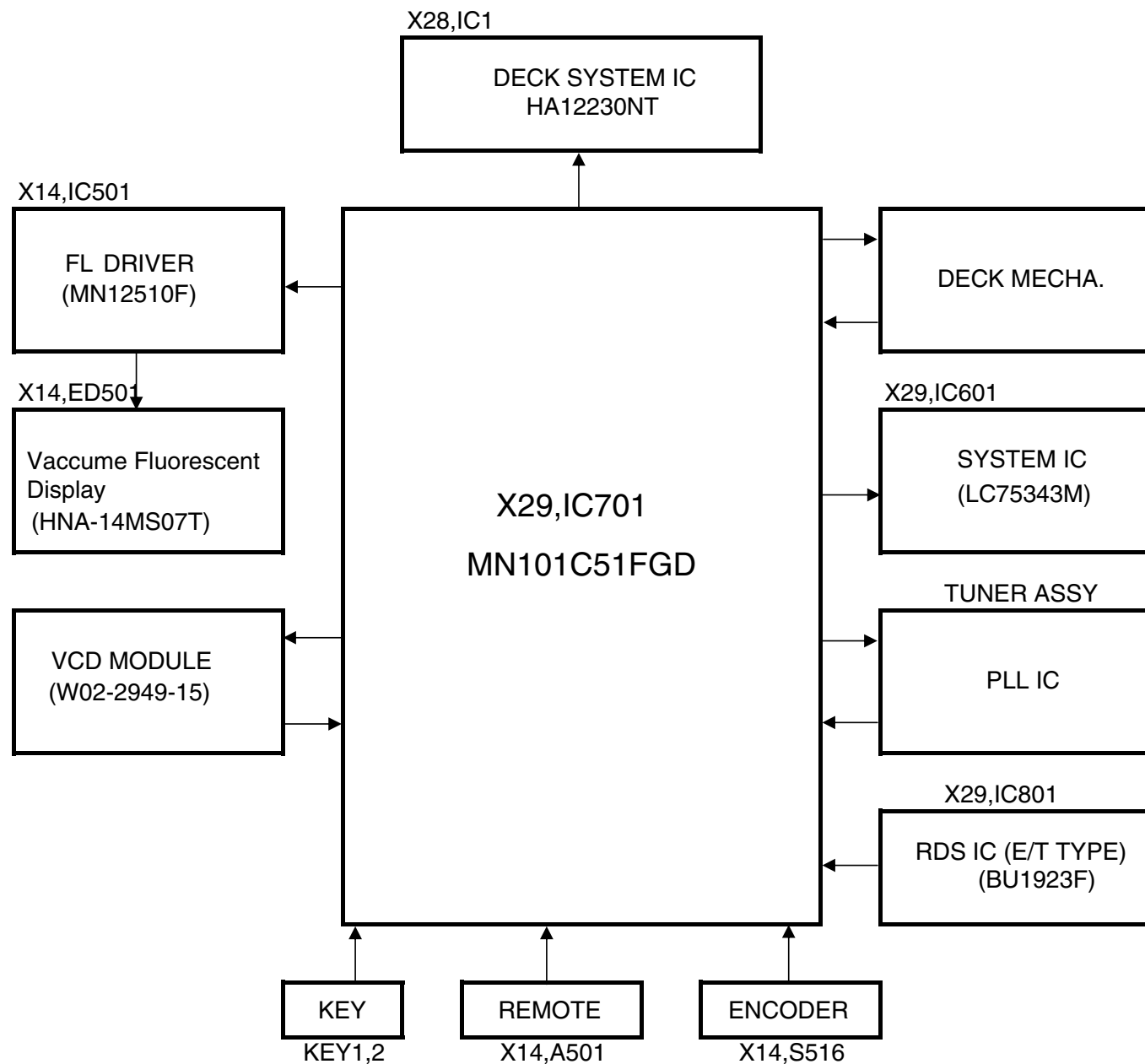
8th Dot(Display)	1st figure	2nd figure	3rd figure	4th figure
Mechanism Half Switch	FWD REC Inhibit Detection SW	RVS REC Inhibit Detection SW	Cassette Half Detection SW	Tape Play Detection SW
ON	Blank	Blank	Blank	Blank
OFF	E	E	E	E

RXD-M65V-H/M65V-N

CIRCUIT DESCRIPTION

5. Microcomputer : MN101C51F (X29, IC701)

5-1 Microcomputer Periphery Block diagram



Key Matrix VREF =5.0V

Voltage Range	0	0.89	1.55	2.00	2.61	3.02	3.47	3.95	5.00
Key 1 (Pin 5)	ON/ STANDBY	AUX	TUNER	SKIP DOWN	STOP	CD PLAY	SKIP UP	CD OPEN	(off)
Key 2 (Pin 6)	REC	SET	MODE	O.T.E.	TAPE PLAY	REPEAT	SOUND	(off)	

RXD-M65V-H/M65V-N

CIRCUIT DESCRIPTION

5-2 Pin Description of Microcomputer

Pin No.	Pin Name	I/O	Pin Description	Active	
				H	L
1	VREF-	-	Power supply (-) for A/D converter.		
2	PH	I	Deck reel sensor input.		
3	TN TYPE	I	Discrimination of tuner destination.		
4	S LEVEL	I	RDS signal level input. (E/T version only)		
5,6	KEY1,KEY2	I	A/D key (1, 2) input.		
7	A LEVEL	I	Unused.		
8	TH	I	Unused.		
9	CD PROTECT	I	Detection pin of CD protection.		
10	VREF+	-	A/D reference voltage input of the A/D converter.		
11	VDD	I	Pin for power supply (+5V).		
12	OSC2	O	Main clock output (8.388MHz).		
13	OSC1	I	Main clock input (8.388MHz).		
14	VSS	-	Connected to be ground.		
15	XI	I	Timer clock input (32.768kHz).		
16	XO	O	Timer clock output (32.768kHz).		
17	MMOD	-	Connected to be ground.		
18	SDI	O	Data output to FL driver.		
19	SDO	I	Data input from FL driver.		
20	SCK	O	Clock output to FL driver.		
21~23	N.C.	-	Unused.		
24	CL SW	I	Input pin of close switch for CD tray.		Closed
25	RESET	I	Reset signal input for microcomputer.		Reset
26	CE	I	Back up detection input.	AC On	AC Off
27	OP SW	I	Input pin of open switch for CD tray.		Opened
28	CD POWER	O	ON/OFF control pin for CD DSP power.		
29	N.C.	-	Unused.		
30	VCD u-com ACK	I/O	DSA Acknowledge		
31	REM CONTROL	I	Remote control signal input.		
32	NO USE	-	Unused.		
33	RDSCLK	I	RDS clock input. (E/T version only)		
34	RESET2	I	Detection pin of voltage drop.		
35	NO USE	-	Unused.		
36	PAL/NTSC	O	TV system selector		AUTO
37	VCD u-com DATA	I/O	DSA data pin for ESS.		
38	VCD u-com ST	I/O	DSA STB pin for ESS.		
39	CLOSE	O	Control pin of CD tray motor to close the tray.		
40	OPEN	O	Control pin of CD tray motor to open the tray.		
41	HP IN	I	Detection pin for headphones jack.	Detected	
42	FLASH UC 1	I	Power supply for flash ROM.		
43	FLASH UC 2	I	Power supply for flash ROM.		
44	EVOL CE	O	Chip enable output to electronic volume (X29, IC601).		
45	EVOL.CLK	O	Clock output to electronic volume (X29, IC601).		
46	EVOL.DATA	O	Data output to electronic volume (X29, IC601).		
47	POWER RLY	O	Power relay control.		
48~51	N.C.	-	Unused.		
52	PLL CLK	O	PLL IC clock output.		
53	PLL DO/ST	I	PLL IC data input.		
54	PLL DAT	O	PLL IC data output.		
55	PLL CE	O	PLL IC chip enable output.		
56	SD	I	SD detector input.		Detected
57	TU MUTE	O	Tuner mute control.		Mute ON
58	PLAY SW	I	Detection switch input of head position for deck.		Playback

RXD-M65V-H/M65V-N

CIRCUIT DESCRIPTION

Pin No.	Pin Name	I/O	Pin Description	Active	
				H	L
59	REC R SW	I	Deck reverse recording switch input.	OFF	ON
60	REC F SW	I	Deck forward recording switch input.	OFF	ON
61	HALF SW	I	Cassette half switch input.		Detected
62	BEAT C	O	ON/OFF control pin of beat cancel for deck.	ON	OFF
63	R/P	O	Deck recording & playback changeover.	Recording	Playback
64	BIAS	O	ON/OFF control pin of bias for deck.	ON	OFF
65	A/B-1	O	Deck recording mute & head select control 1.		
66	A/B-2	O	Deck recording mute & head select control 2.		
67	MUTE	O	Deck line mute control.	ON	
68	CPM	O	Control pin of capstan motor for deck.		
69	SOL	O	Control pin of solenoid for deck.		
70	RDS DATA	I	RDS data input. (E/T version only)		
71	PROTECT	I	Detection pin of the protection for power supply.		
72	AMUTE	O	Audio mute output.		
73	SP RLY	O	On/off control pin for speaker relay.		
74	EEP SDA	I/O	EEPROM data input/output.		
75	EEP SCL	O	EEPROM clock output.		
76,77	ENC A,B	I	Volume encoder (X14, S516) signal inputs.		
78	LED STBY RED	O	Standby led (red) control pin.	OFF	ON
79	LED STBY GRN	O	Standby led (green) control pin.	OFF	ON
80	NCS	O	Chip enable output of FL driver.		

6. Pin Description of IC's

6-1 CD Motor Driver : TA8409S (X29, IC26)

Pin No.	Pin Name	I/O	Pin Description
1	IN2	I	Input pin.
2	VCC	-	Power supply.
3	OUT2	O	Output pin.
4	NC	-	Unused.
5	GND	-	GND
6	VS	-	Power supply for output side.
7	OUT1	O	Output pin.
8	VREF	-	Control power supply.
9	IN1	I	Input pin.

Function

INPUT		OUTPUT		MODE
IN 1	IN 2	OUT 1	OUT 2	MOTOR
0	0	∞	∞	STOP
1	0	H	L	CW/CCW
0	1	L	H	CCW/CW
1	1	L	L	BRAKE

∞ : High Impedance

Note) Input : "H" Active

RXD-M65V-H/M65V-N

CIRCUIT DESCRIPTION

6-2 Electronic Volume System IC : LC75343M : (X29, IC601)

Pin No.	Pin Name	I/O	Pin Description
1	DI	I	Serial data input pin for control.
2	CE	-	Chip enable pin.
3	VSS	-	Ground pin.
4	LOPOUT	O	Output pin of general-purpose operation amplifier.
5	LINM	I	Non-inverted input pin of general-purpose operation amplifier.
6	LINP	I	Non-inverted input pin of general-purpose operation amplifier.
7	LOUT	O	ATT + equalizer output pin/ capacitor connection pin comprising filter for super-bass.
10,9,28, 29,8,30	LBASS1, LBASS2 RBASS1, RBASS2 LSB, RSB	-	Capacitor and resistor connection pins comprising filters for bass and super-bass band or for mid and bass band.
11	LTRE	-	Capacitor connection pin comprising treble band filter.
12	LVRIN	I	Volume input pin.
13	LSEL0	O	Input selector output pin.
14,24	L5,R5	I	Input signal pin (open).
15,23	L4,R4	I	AUX input.
16,22	L3,R3	I	TUNER input.
17,21	L2,R2	I	DECK (playback) input.
18,20	L1,R1	I	CD input.
19	VREF	-	Reference voltage for analog ground.
25	RSEL0	O	Input selector output pin.
26	RVRIN	I	Volume input pin.
27	RTRE	-	Capacitor connection pin comprising treble band filter.
31	ROUT	O	ATT + equalizer output pin/ capacitor connection pin comprising filter for super-bass.
32	RINP	I	Non-inverted input pin of general-purpose operation amplifier.
33	RINM	I	Non-inverted input pin of general-purpose operation amplifier.
34	ROPOUT	O	Output pin of general-purpose operation amplifier.
35	VDD	-	Power supply pin.
36	CL	I	Clock input pin for control.

6-3 RDS Demodulator IC : BU1923F (X29, IC801) E/T Type only

Pin No.	Pin Name	I/O	Pin Description
1	QUAL	O	Output for signal quality indication.
2	RDATA	O	Demodulation data output.
3	VREF	I	Reference voltage input.
4	MUX	I	Composite signal input.
5	VDD1	-	Analog power supply.
6	VSS1	-	Analog GND.
7	VSS3	-	Analog GND.
8	CMP	I	Comparator.
9	T2	I	Test pin (connected to be ground).
10	T1	I	Test pin (connected to be ground).
11	VSS2	-	Digital GND.
12	VDD2	-	Digital power supply.
13	XI	I	Crystal oscillation circuit input.
14	XO	O	Crystal oscillation circuit output.
15	N.C.	-	Unused.
16	RCLK	I/O	Demodulation clock.

RXD-M65V-H/M65V-N

CIRCUIT DESCRIPTION

6-4 PB/REC Equalizer System IC : HA12230NT (X28, IC1)

Pin No.	Pin Name	I/O	Pin Description
1	VREF	-	Reference voltage.
2	GND	-	Ground pin.
3	BINR	I	PB B deck right channel input.
4	AINR	I	PB A deck right channel input.
5	PBNFR	-	PB EQ. feed back.
6	PBEQR	O	Equalizer right channel output (70u).
7	EQOR	O	Equalizer right channel output (120u).
8	TAIR	I	Tape right channel input.
9	PBOOR	O	PB right channel output.
10	MAOUT	O	MS amplifier output (unused).
11	MAI	I	MS amplifier input (unused).
12	IREF	I	Equalizer reference current input.
13	RECIR	I	Rec equalizer right channel input.
14	RIP	O	NAB output.
15	RECOR	O	Rec equalizer right channel output.
16	RECOL	O	Rec equalizer left channel output.
17	VCC	-	Power supply.
18	RECIL	I	Rec equalizer left channel input.
19	MUTE	I	Mode control input.
20	A120/70	I	Mode control input (connected to GND).
21	A/B	I	Mode control input.
22	B 1/11	I	Mode control input (connected to GND).
23	PBOL	O	PB left channel output.
24	TAIL	I	Tape left channel input.
25	EQOL	O	Equalizer left channel output (120u).
26	PBEQL	O	Equalizer left channel output (70u).
27	PBNFL	-	PB EQ. feed back.
28	AINL	I	PB A deck left channel input.
29	BINL	I	PB B deck left channel input.
30	RECRET	-	Rec return.

6-5 PLL Frequency Synthesizer LSI : LC72131M(Tuner Assy IC2)

Pin No.	Pin Name	I/O	Pin Description
1	X IN	I	Crystal resonator connection.
2	CE	I	Chip enable.
3	DI	I	Input serial data.
4	CL	I	Used as the synchronization clock when serial data is input to the DI(pin 3), or when serial data is output DO(pin 5).
5	DO	O	Outputs serial data.
6	B01	O	<ul style="list-style-type: none"> • Dedicated output pins. • The output states are determined by B01 to B04 in the serial data. "Data" = 0 : Open "Data" = 1 : Low • These pins go to the open state after the power-on reset.
7	B02		
8	B03		
9	B04		
10,12	I01, I02	I/O	Pins used for both input and output. The input or output state is determined by bits I0C1 and I0C2 in the serial data. Data = 0 : Open, Data = 1 : Low
11	IF IN	I	IF count input.
13	AM IN	I	Local oscillator signal input.
14	FM IN	I	Local oscillator signal input.
15	VDD	-	Power supply.
16	PD	O	PLL charge pump output.
17, 18	AIN AOUT	I O	The MOS transistor used for the PLL active low-pass filter.
19	VSS	-	Ground.
20	X OUT	O	Crystal resonator connection.

RXD-M65V-H/M65V-N

ADJUSTMENT

CD player adjustment

No.	ITEM	INPUT SETTING	OUTPUT SETTING	PLAYER SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
Insert the AC cord to AC wall outlet while holding down the [CD PLAY/PAUSE] key.							
1	LASER CURRENT	Test disc Type 4	Connect the DC voltmeter to CN3(#1 and #2) in VCD MODULE	Press the "PLAY" key to check that the display is "03" or "05"	-	220mV to 550mV	

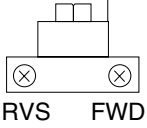
Note:

Type 4disc :SONY YEDS-18 Test Disc or equivalent. (KTD-02)

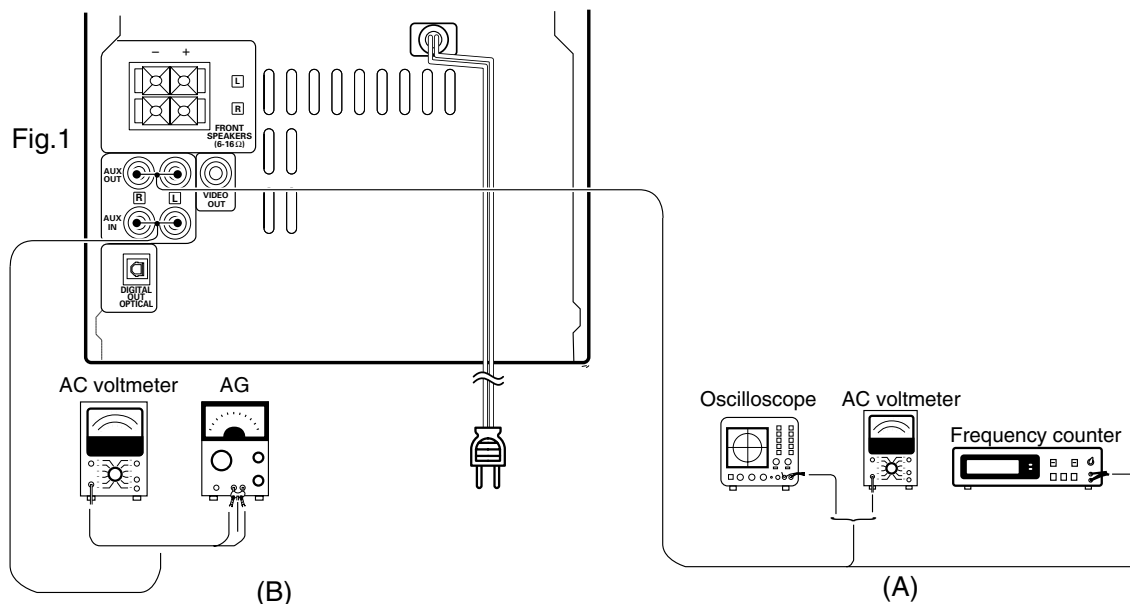
LPF : Around 47kΩ + 390pF or so.

Cassette Deck adjustment

0dBs=0.775V

No	ITEM	INPUT SETTING	OUTPUT SETTING	DECK SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
I . CASSETTE MECHANISM UNIT							
< 1 >	Demagnetization and cleaning	-	-	Demagnetization: POWER OFF Cleaning: PLAY	Recording head, erase head, capstan pinch roller	Demagnetize the REC / PLAY head with the head eraser. Clean the REC / PLAY head, erase head, capstan and pinch roller using a cotton swab slightly damped with alcohol.	
< 2 >	Azimuth of the REC/PLAY head	SCC-1727 TCC-153 MTT-114 10kHz, - 10dB	(A)	PLAY	 RVS FWD	Adjust the output to maximum and adjust the azimuth adjustment screw for the Lissajours waveform pattern of the oscilloscope to become close to a 45° straight line.	
< 3 >	TAPE SPEED (NORMAL)	TCC-110 MTT-111 SCC-1727 3kHz	(A)	PLAY	Trimming pot in the motor.	Check the tape speed so that 3kHz(±2%) is obtained at the center of the tape.	
II . PC BOARD ADJUSTMENT							
< 1 >	BIAS CURRENT	(B) Connect the AG to jack. 1kHz: -30dBs 10kHz: -30dBs	(A)	REC and PLAY	VR 1 (L) VR 2 (R)	Record 1kHz and 10kHz alternately, and adjust the bias current adjustment potentiometer for the playback levels (-21dBs) to become the same.	Fig.1

SYSTEM CONNECTIONS



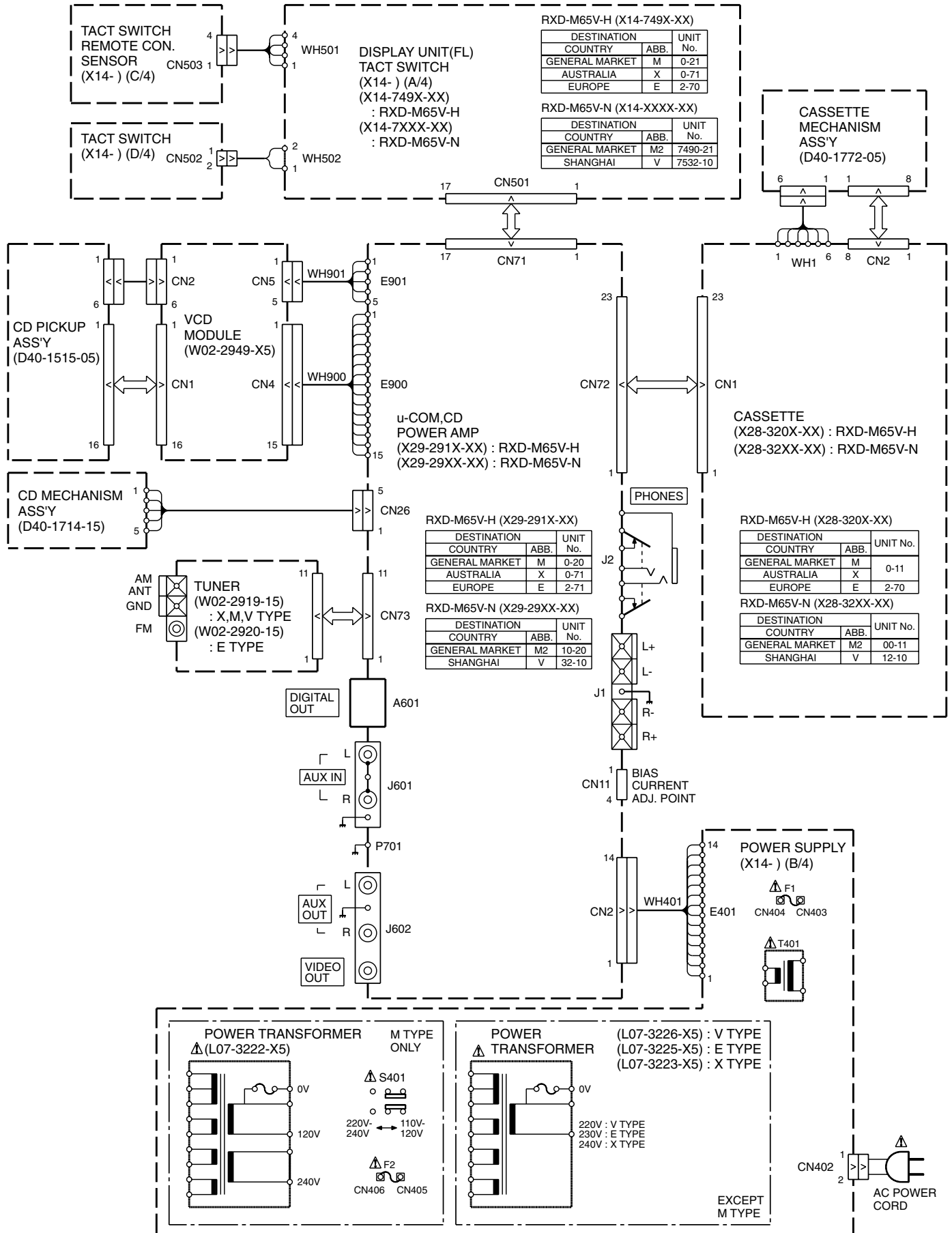
RXD-M65V-H/M65V-N

ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	AMPLIFIER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
Unless otherwise specified, the individual switches should be set as following : POWER : ON							
1	IDLE CURRENT	—	Connect a DC voltmeter to CN11 (① ②), Rch CN11 (③ ④), Lch (X29)	VOLUME : 0	VR1 (L) VR2 (R) (X29)	4.4 mV	

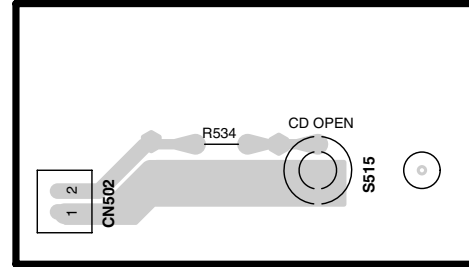
RXD-M65V-H/M65V-N

INTERCONNECTION DIAGRAM

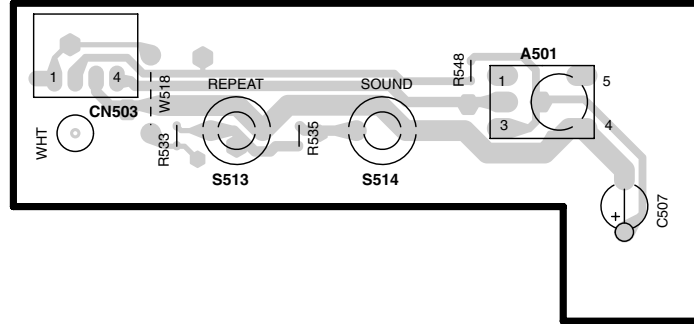


PC BOARD(Component side view)

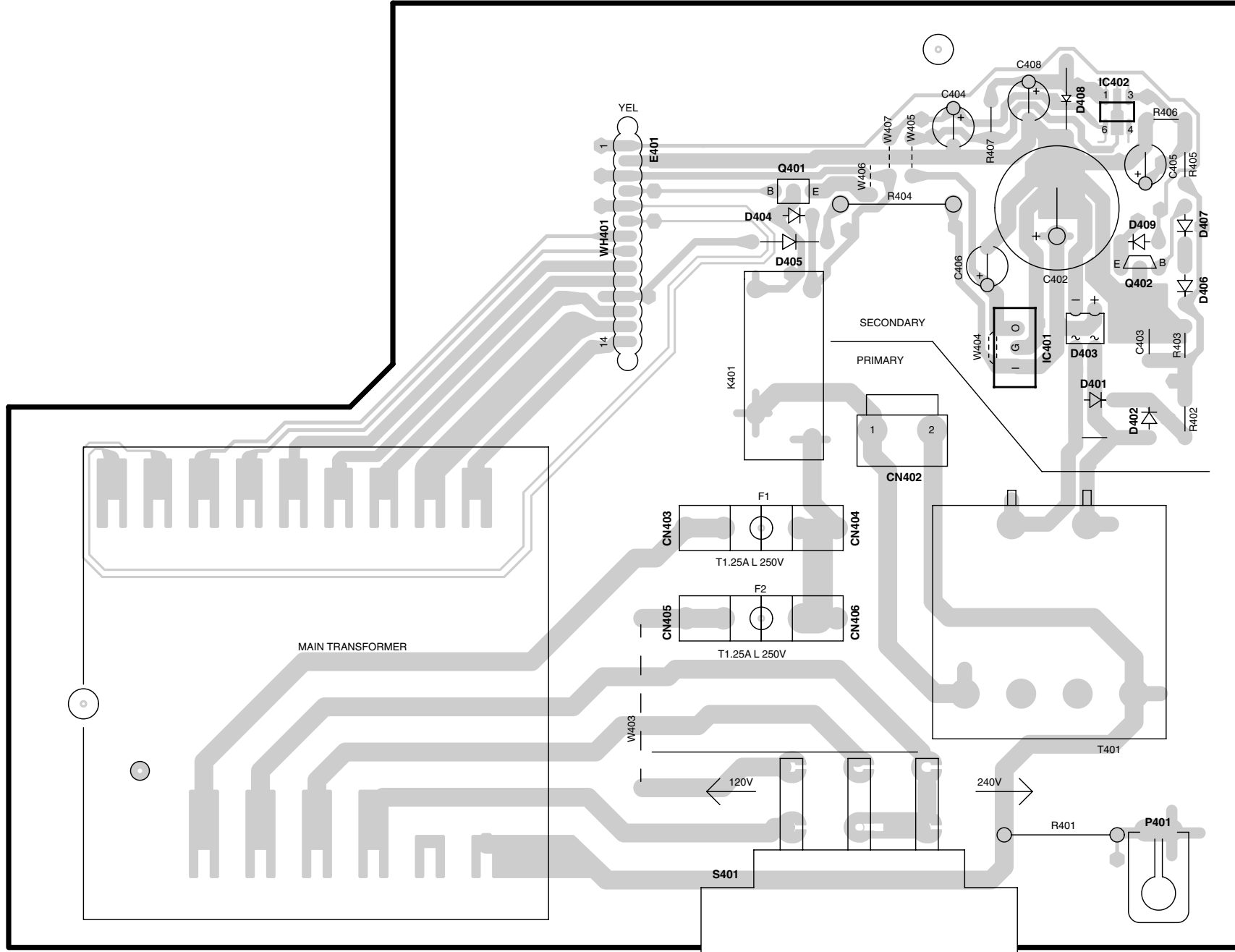
X14 D/4



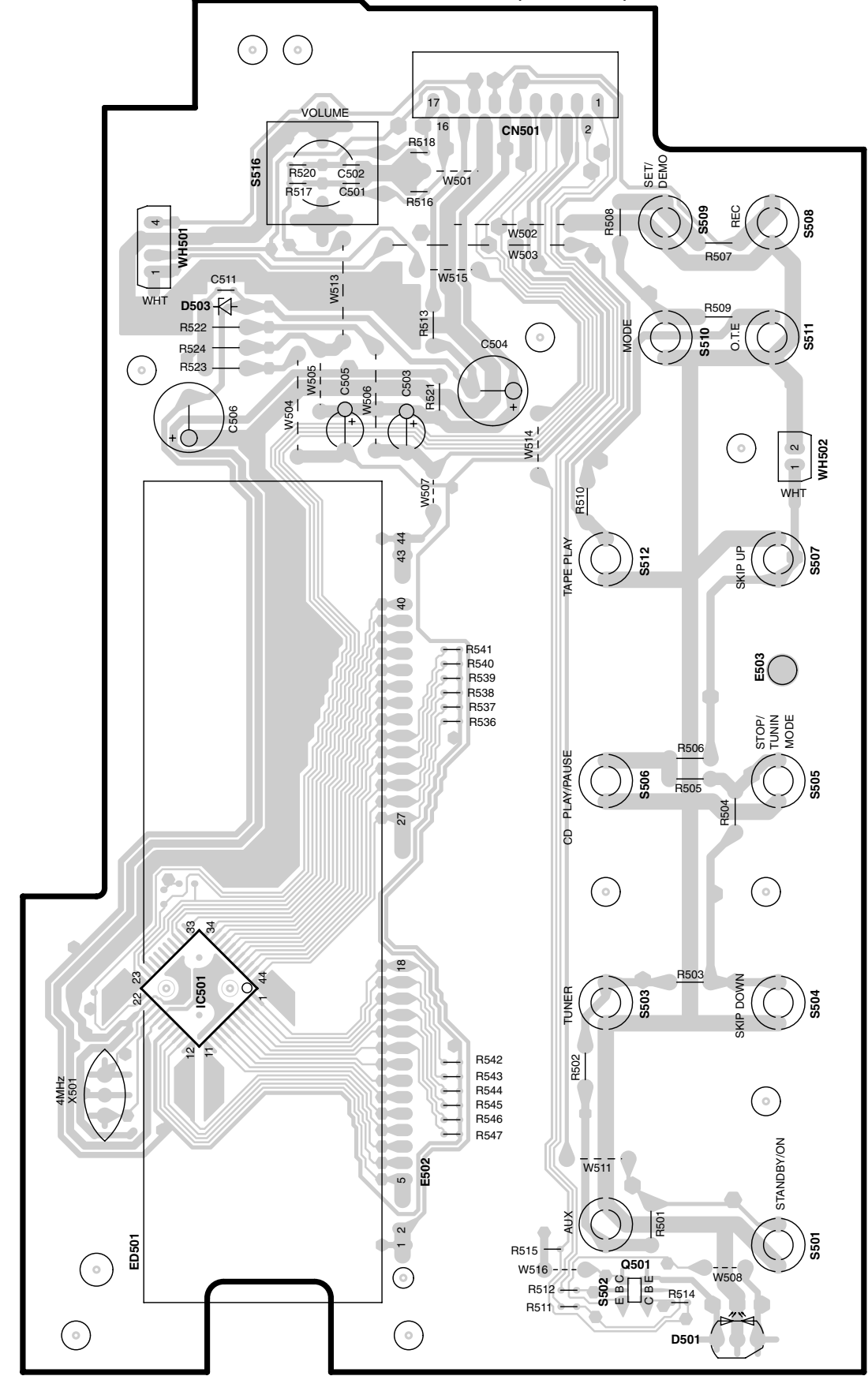
X14 C/4



X14 B/4

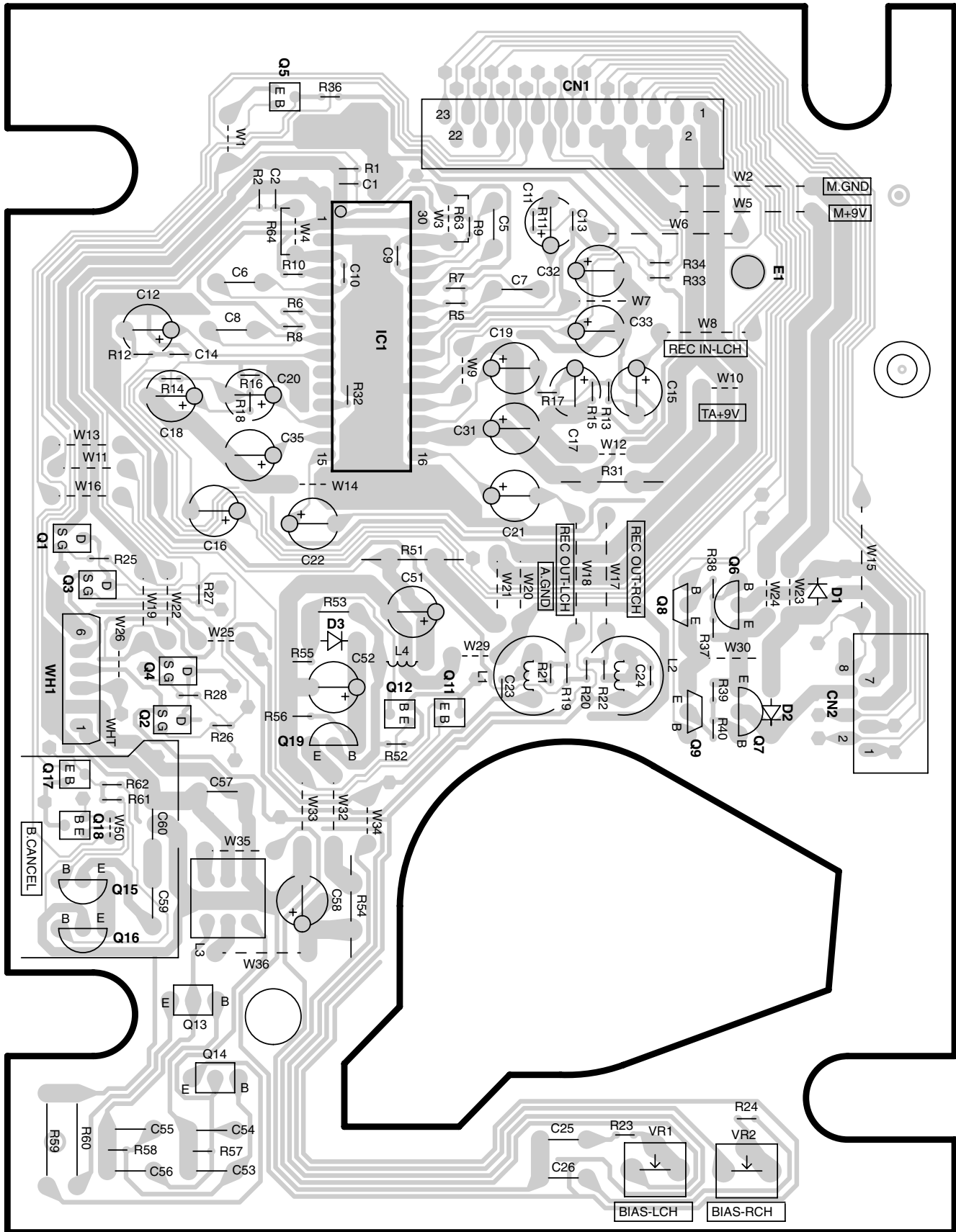


X14-7492-70 A/4 (J70-1594-11)



PC BOARD (Component side view)

X28-3202-70 A/2 (J70-1592-21)



RXD-M65V-H (X28-320X-XX)

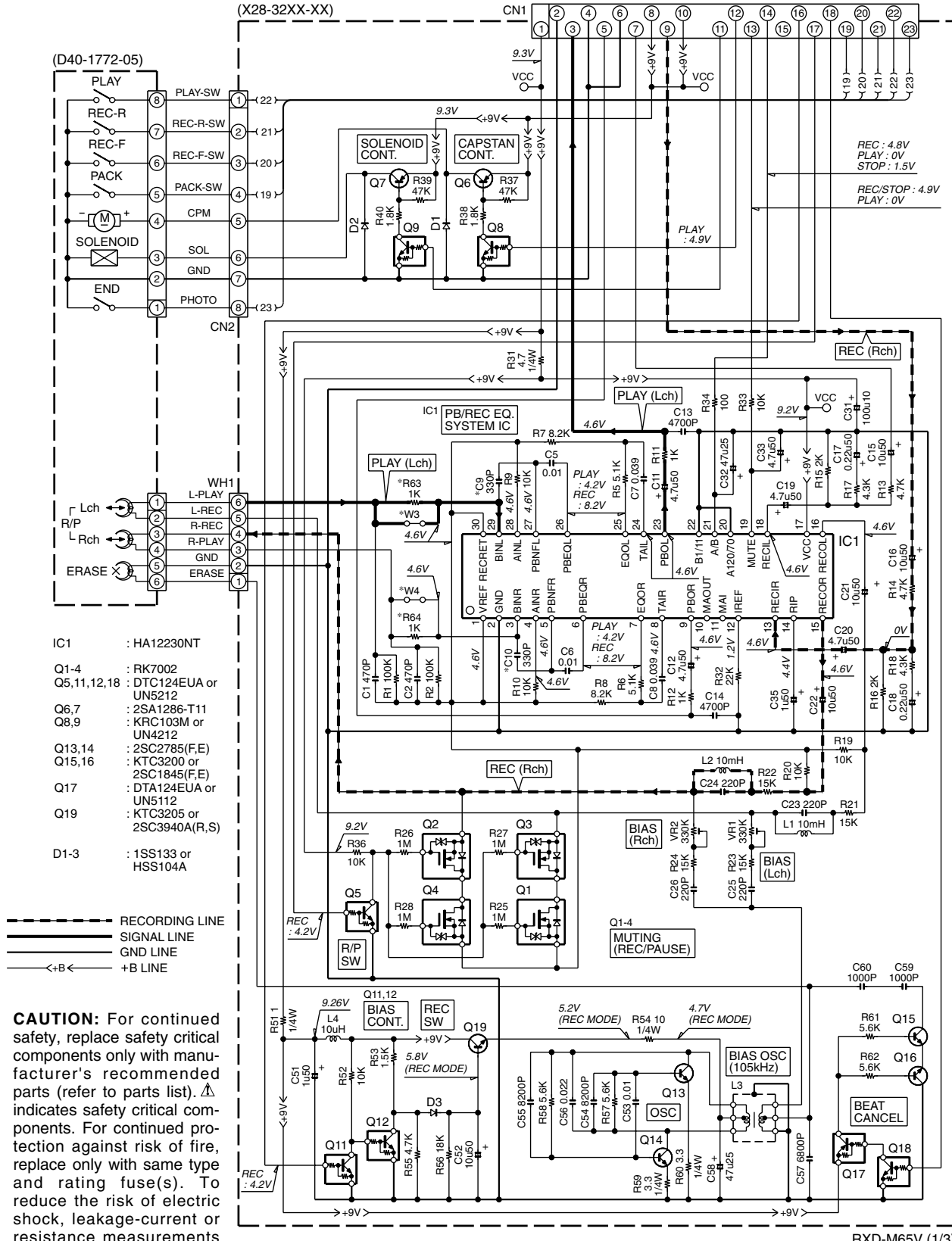
DESTINATION		UNIT No.	C9, 10	R63, 64	W3, 4
COUNTRY	ABB.				
GENERAL MARKET	M	0-11	NO	NO	YES
AUSTRALIA	X				
EUROPE	E	2-70	YES	YES	NO

RXD-M65V-N (X28-32XX-XX)

DESTINATION		UNIT No.	C9, 10	R63, 64	W3, 4
COUNTRY	ABB.				
GENERAL MARKET	M1	00-11	NO	NO	YES
SHANGHAI	V	12-10			

X29-CN72

2/3 X-4



- IC1 : HA12230NT
- Q1-4 : RK7002
- Q5,11,12,18 : DTC124EUA or UN5212
- Q6,7 : 2SA1286-T11
- Q8,9 : KRC103M or UN4212
- Q13,14 : 2SC2785(F,E)
- Q15,16 : KTC3200 or 2SC1845(F,E)
- Q17 : DTA124EUA or UN5112
- Q19 : KTC3205 or 2SC3940A(R,S)
- D1-3 : 1SS133 or HSS104A

--- RECORDING LINE
 --- SIGNAL LINE
 --- GND LINE
 <-+B-+> +B LINE

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

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

RXD-M65V (1/3)

RXD-M65V-H/M65V-N

Y39-4470-20

KENWOOD

2

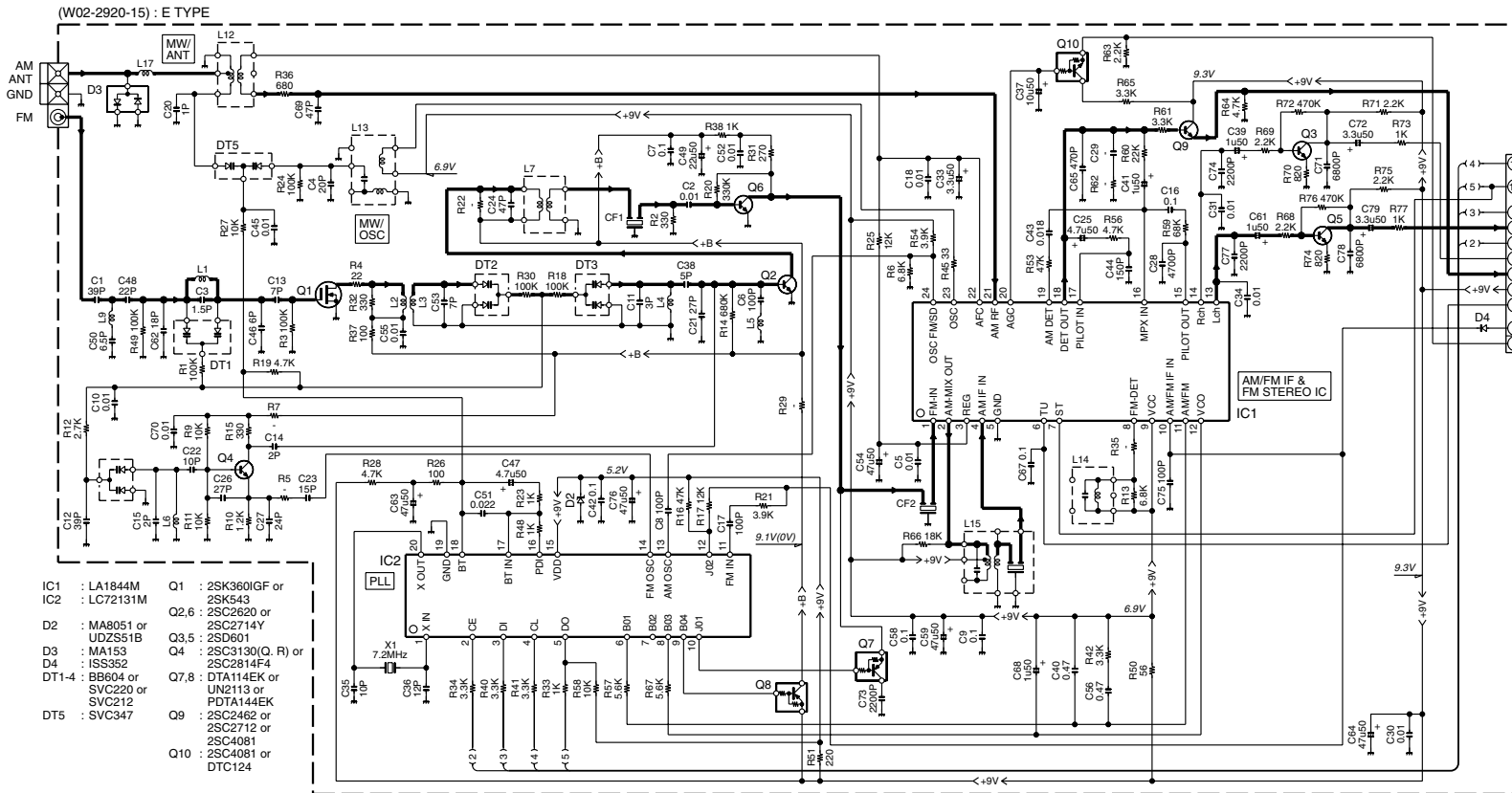
3

4

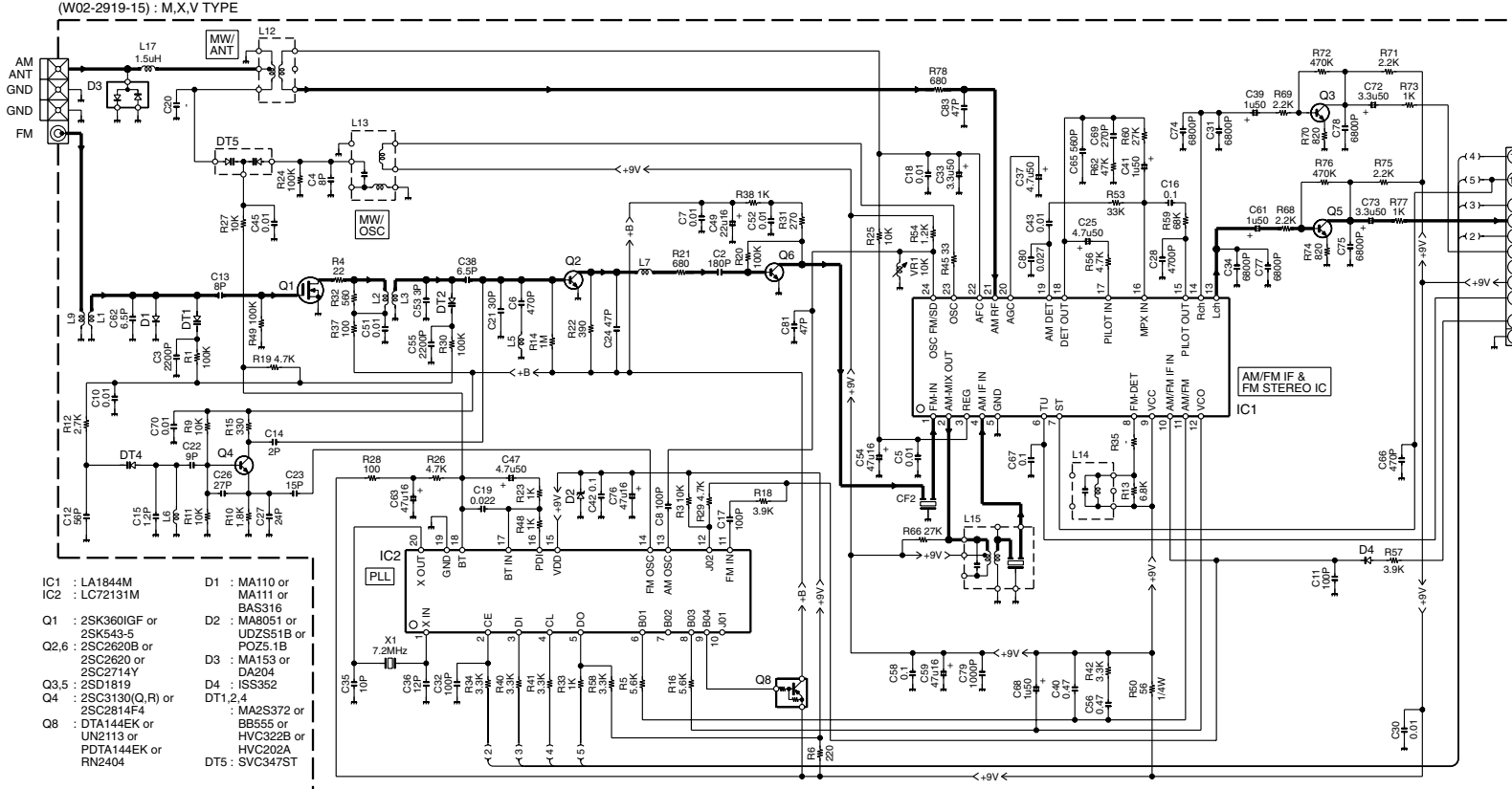
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6

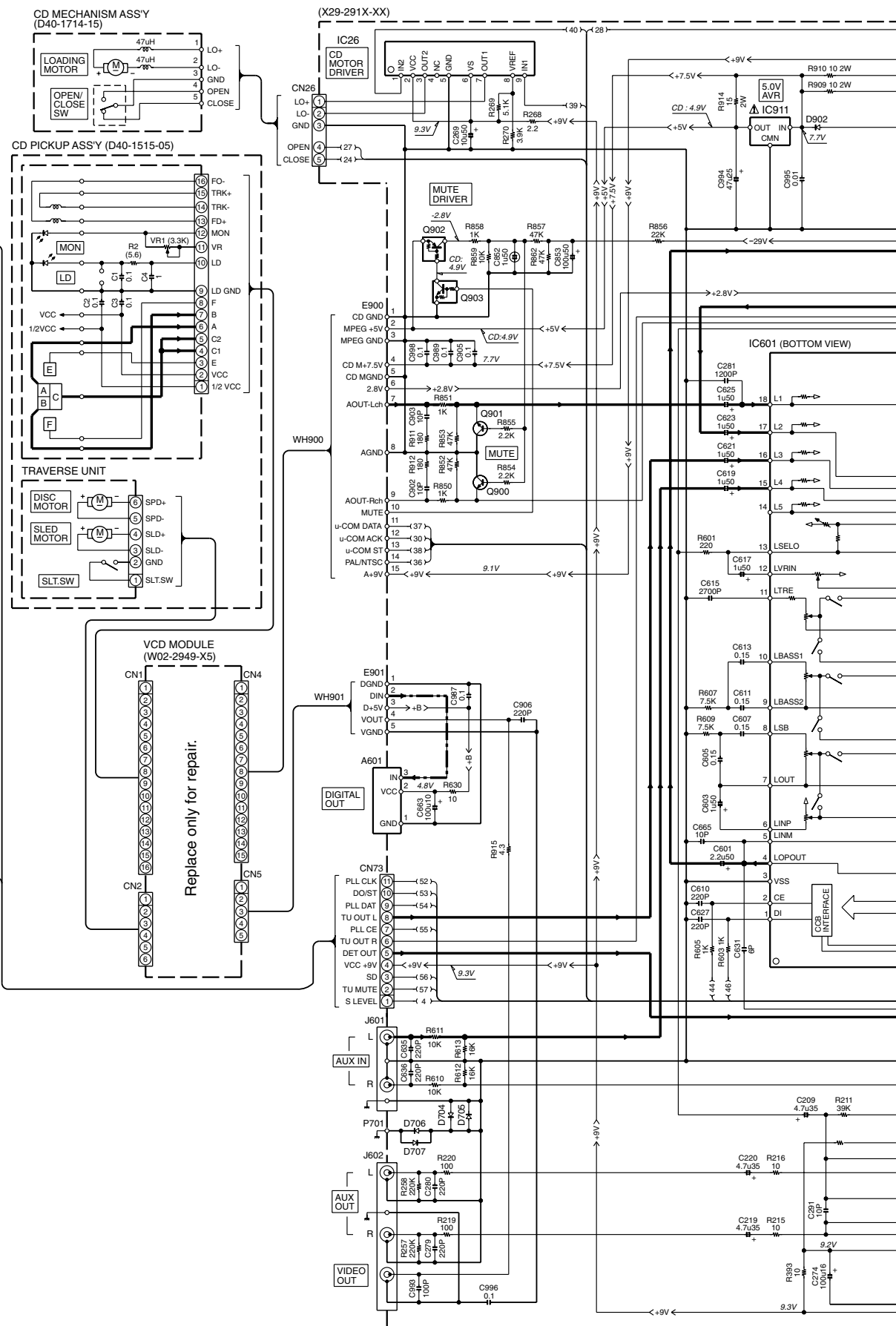
7



- IC1 : LA1844M
- IC2 : LC72131M
- D3 : MA8051 or UDZ551B
- D4 : MA153
- DT1-4 : BB604 or SVC220 or SVC212
- DT5 : SVC347
- Q1 : 2SK360GF or 2SK543
- Q2,6 : 2SC2620 or 2SC2714Y
- Q3,5 : 2SD601
- Q4 : 2SC130(Q,R) or 2SC2814F4
- Q7,8 : DTA114EK or UN2113 or PDTA144EK
- Q9 : 2SC2462 or 2SC2712 or 2SC4081
- Q10 : 2SC4081 or DTC124

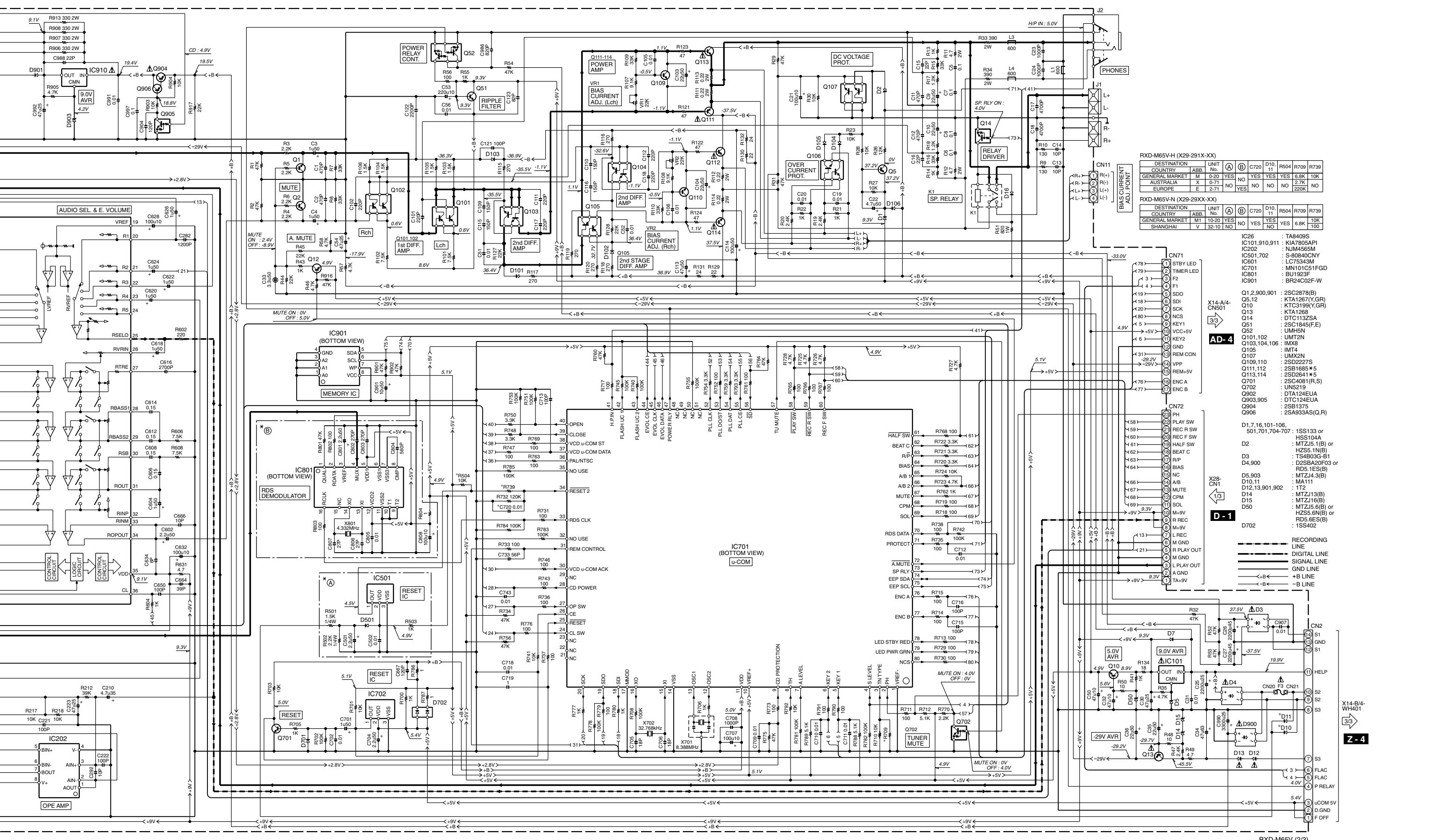


- IC1 : LA1844M
- IC2 : LC72131M
- Q1 : 2SK360GF or 2SK543-5
- Q2,6 : 2SC2620B or 2SC2620 or 2SC2714Y
- Q3,5 : 2SD1819
- Q4 : 2SC130(Q,R) or 2SC2814F4
- Q8 : DTA114EK or UN2113 or PDTA144EK or RN2404
- D1 : MA110 or MA111 or BAS316
- D2 : MA8051 or UDZ551B or POZ5.1B
- D3 : MA153 or DA204
- D4 : ISS352
- DT1,2,4 : MA2S372 or BB555 or HVC322B or PDTA144EK or RN2404
- DT5 : SVC347ST



Replace only for repair.

CB INTERFACE



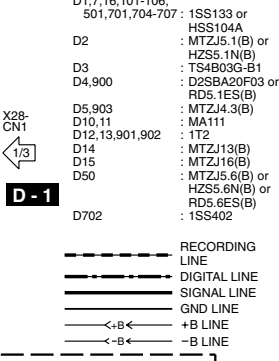
RXD-M65V-H (X29-291X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	C720	D10, 11	R504	R709	R739
GENERAL MARKET	M	0-20	YES	NO	YES	YES	YES	6.8K	10K	10K
AUSTRALIA	X	0-71	NO	NO	NO	NO	NO	2.7K		
EUROPE	E	2-71	NO	NO	NO	NO	NO	220K		

RXD-M65V-N (X29-29XX-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	C720	D10, 11	R504	R709	R739
GENERAL MARKET	M	10-20	YES	NO	YES	YES	YES	6.8K	10K	10K
SHANGHAI	V	32-10	NO	NO	NO	NO	NO			

- IC26 : TA8409S
 IC101,910,911 : KIA7805AP1
 IC202 : NJM4558M
 IC501,702 : S-80840CNY
 IC601 : LC75343M
 IC701 : MN101C51FGD
 IC801 : BU1923F
 IC901 : BR24C02F-W
- Q1,2,900,901 : 2SC2878(B)
 Q5,12 : KTA1267(Y,GR)
 Q10 : KTC3199(Y,GR)
 Q107 : S-C1132SA
 Q13 : KTA1268
 Q14 : S-C1132SA
 Q51 : S-C1845(F,E)
 Q52 : UMH5N
 Q101,102 : UMT2N
 Q103,104,106 : IMX8
 Q105 : IMT4
 Q107 : UMX2N
 Q109,110 : 2SD2227S
 Q111,112 : 2SB1685*5
 Q113,114 : 2SD2641*5
 Q701 : 2SC4081(R,S)
 Q702 : UN5219
 Q902 : DTA124EUA
 Q903,905 : DTC124EUA
 Q904 : 2SB1375
 Q906 : 2SA933A(S,Q,R)
- D1,7,16,101-106, 501,701,704-707 : 1SS133 or HSS104A
 D2 : MTZJ5.1(B) or HZS5.1N(B) or TS4B03G-B1 or D2SBA20F03 or RD5.1ES(B)
 D3 : MTZJ4.3(B)
 D4,900 : MA111
 D5,903 : 1T2
 D10,11 : MTZJ13(B) or MTZJ16(B)
 D15 : MTZJ5.6(B) or HZS5.6N(B) or RD5.6ES(B)
 D50 : 1SS402



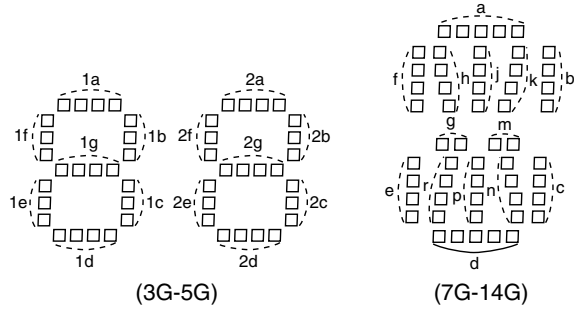
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock,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

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

RXD-M65V-H/M65V-N

KENWOOD

RXD-M65V (2/3)



ANODE CONNECTION

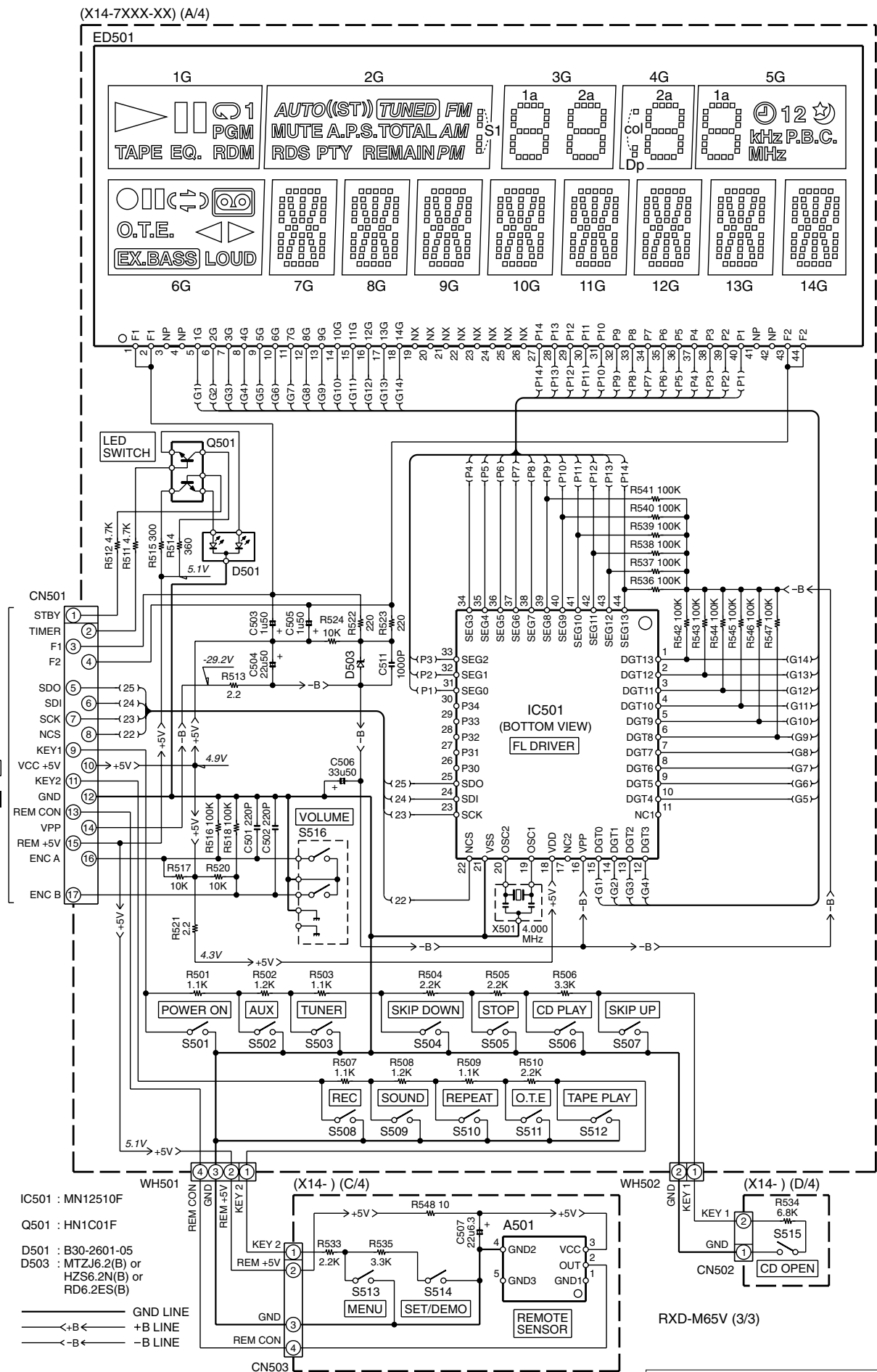
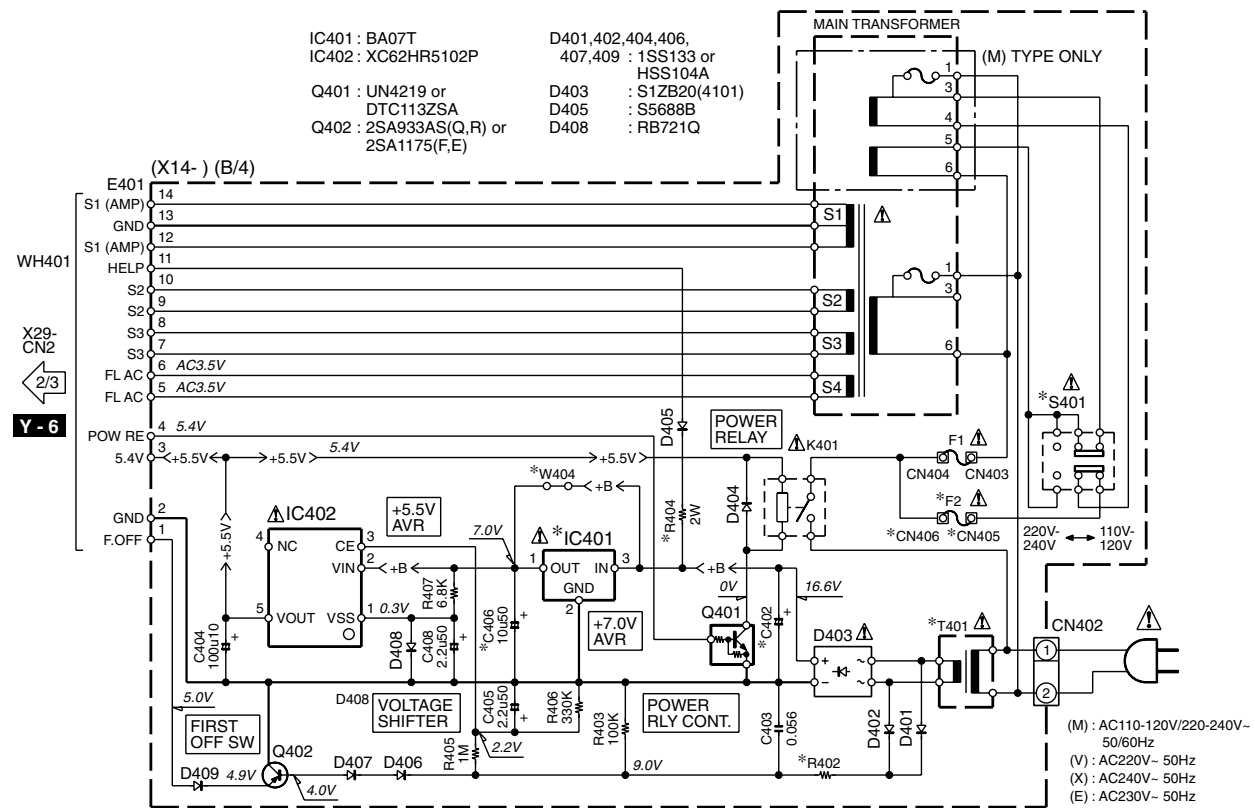
	1G	2G	3G	4G	5G	6G	7G-14G
P1		AUTO	2a	2a		LOUD	d
P2		(ST)	2b	2b	1	EX.BASS	e
P3		TUNED	2f	2f	2		c
P4	1	MUTE	2g	2g			n
P5	PGM	A.P.S.	2c	2c	P.B.C.	O.T.E.	p
P6	TAPE	TOTAL	2e	2e	kHz		r
P7	EQ.	RDS	2d	2d	MHz		m
P8	RDM	PTY	1a	col	1a		g
P9		REMAIN	1b	Dp	1b		k
P10		FM	1f		1f		j
P11		AM	1g		1g		h
P12		PM	1c		1c		f
P13		S1	1e		1e		b
P14			1d		1d		a

RXD-M65V-H (X14-749X-XX)

DESTINATION	ABB.	UNIT No.	C402	C406	CN405, 406	F2	IC401	R402	R404	S401	T401	W404
AUSTRALIA	X	0-71	3300u16	NO	NO	NO	NO	10K	270	NO	L07-2858-05	YES
EUROPE	E	2-70	3300u25	YES	YES	YES	YES	51K	180	YES	L07-3214-05	NO
GENERAL MARKET	M	0-21	3300u25	YES	YES	YES	YES	51K	180	YES	L07-3214-05	NO

RXD-M65V-N (X14-XXXX-XX)

DESTINATION	ABB.	UNIT No.	C402	C406	CN405, 406	F2	IC401	R402	R404	S401	T401	W404
GENERAL MARKET	M1	7490-21	3300u25	YES	YES	YES	YES	51K	180	YES	L07-3214-05	NO
SHANGHAI	V	7532-10	3300u16	NO	NO	NO	NO	10K	270	NO	L07-3217-05	YES



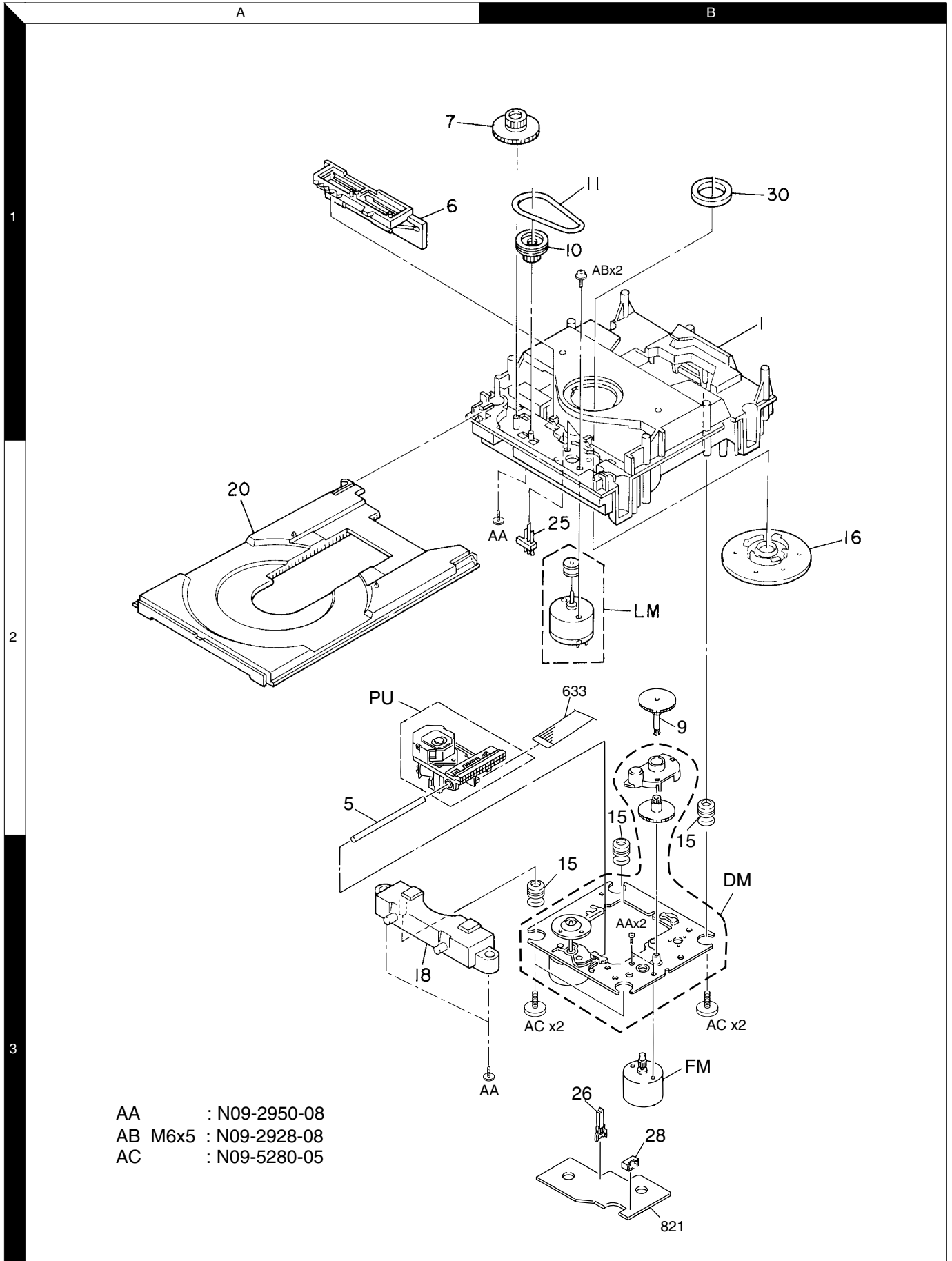
RXD-M65V-H/M65V-N

KENWOOD

Y39-4470-20

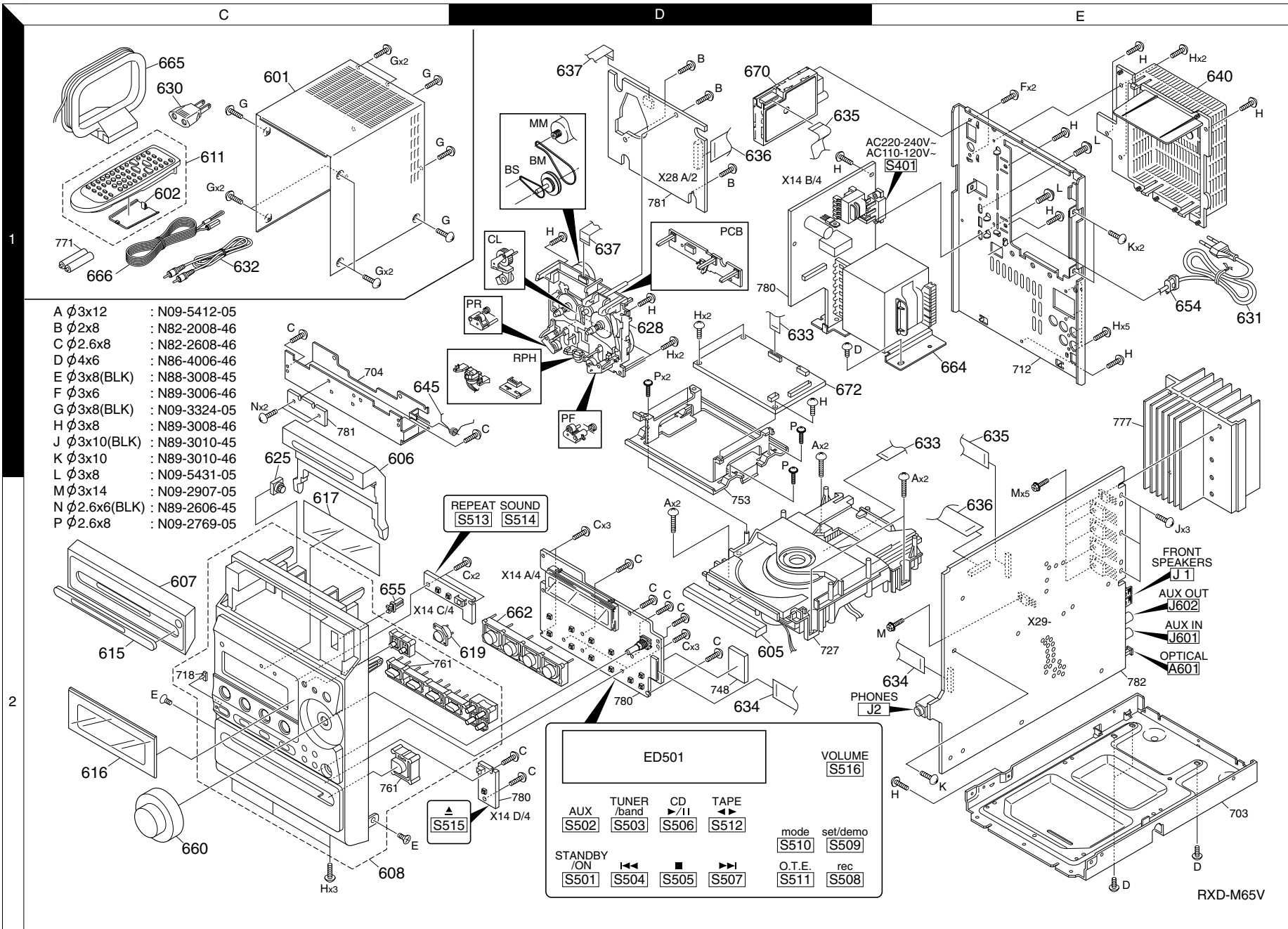
RXD-M65V-H/M65V-N

EXPLODED VIEW (CD MECHANISM)



RXD-M65V-H/M65V-N

EXPLODED VIEW (UNIT)



Parts with exploded numbers larger than 700 are not supplied.

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

①

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
RXD-M65V-H-N						
601	1C		A01-3852-01	METALLIC CABINET	MXE	
601	1C		A01-3853-01	METALLIC CABINET	M1V	
602	1C		A09-1192-08	BATTERY COVER		
605	2D		A29-1171-03	PANEL	MXE	
605	2D		A29-1172-03	PANEL	M1V	
606	1C		A53-2298-02	CASSETTE HOLDER		
607	2C		A53-2313-03	CASSETTE LID	MXE	
607	2C		A53-2314-03	CASSETTE LID	M1V	
608	2C	*	A60-2290-08	PANEL ASSY	MX	
608	2C	*	A60-2291-08	PANEL ASSY	M1V	
608	2C	*	A60-2292-08	PANEL ASSY	E	
611	1C	*	A70-1587-05	REMOTE CONTROLLER ASSY	MM1XV	
611	1C	*	A70-1588-05	REMOTE CONTROLLER ASSY	E	
Δ			B42-7589-04	SAFETY REGULATION STICKER	V	
			B46-0096-53	WARRANTY CARD	X	
			B46-0310-03	WARRANTY CARD	E	
			B46-0344-03	WARRANTY CARD	V	
			B58-0965-13	CAUTION CARD (T,Xtype)PL	X	
			B58-0966-13	CAUTION CARD (ELMtype)PL	MM1E	
			B58-1521-13	CAUTION CARD	V	
			B58-1546-03	CAUTION CARD	V	
			B58-1643-04	CAUTION CARD (CASSETTE EJEC)		
		*	B60-5281-00	INSTRUCTION MANUAL(EN)	MM1X	
		*	B60-5282-00	INSTRUCTION MANUAL(FR)	E	
		*	B60-5283-00	INSTRUCTION MANUAL(AR)	MM1	
		*	B60-5284-00	INSTRUCTION MANUAL(SC)	V	
		*	B60-5288-00	INSTRUCTION MANUAL(ES,GE)	E	
		*	B60-5289-00	INSTRUCTION MANUAL(NE,IT)	E	
615	2C		B10-3817-03	FRONT GLASS	MXE	
615	2C		B10-3818-03	FRONT GLASS	M1V	
616	2C		B10-3820-03	FRONT GLASS	MXE	
616	2C		B10-3821-03	FRONT GLASS	M1V	
617	2C		B11-1549-04	COLOR FILTER		
619	2D		B19-1639-04	LIGHTING BOARD		
625	1C		D39-0353-05	DAMPER		
628	1D		D40-1772-05	CASSETTE MECHANISM ASSY		
Δ	630	1C	E03-0115-05	AC PLUG ADAPTER	MM1	
Δ	631	1E	E30-2717-05	AC POWER CORD	X	
Δ	631	1E	E30-2824-15	AC POWER CORD	V	
Δ	631	1E	E30-2942-05	AC POWER CORD	MM1E	
Δ	632	1C	E30-1427-05	AUDIO CORD		
633	1D,1E		E35-2794-15	FLAT CABLE CD	MM1XE	
633	1D,1E	*	E35-2909-05	FLAT CABLE CD	V	
634	2D,2E		E35-3225-05	FLAT CABLE 17P,DISPLAY	MM1XE	
634	2D,2E	*	E35-3287-05	FLAT CABLE 17P,DISPLAY	V	
635	1D,1E		E35-3226-05	FLAT CABLE 11P,TUNER	MM1XE	
635	1D,1E	*	E35-3288-05	FLAT CABLE 11P,TUNER	V	
636	1D,2E		E35-3228-05	FLAT CABLE 23P,DECK	MM1XE	
636	1D,2E	*	E35-3289-05	FLAT CABLE 23P,DECK	V	
637	1D		E35-3229-05	FLAT CABLE 8P,DECK	MM1XE	
637	1D	*	E35-3290-05	FLAT CABLE 8P,DECK	V	

L: Scandinavia K: USA P: Canada R: Mexico C: China I: Malaysia
 Y: PX(Far East,Hawaii) T: England E: Europe G: Germany V: China(Shanghai)
 Y: AAFES(Europe) X: Australia Q: Russia H: Korea M: Other Areas Δ indicates safety critical components.

* New Parts

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Teile ohne **Parts No.** werden nicht geliefert.

②

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
640	1E		F07-1766-02	COVER		
645	1C		G01-4303-04	TORSION COIL SPRING		
-		*	H10-7859-02	POLYSTYRENE FOAMED FIXTURE	MM1E	
-		*	H10-7860-02	POLYSTYRENE FOAMED FIXTURE	MM1E	
-		*	H10-7861-02	POLYSTYRENE FOAMED FIXTURE	X	
-		*	H10-7862-02	POLYSTYRENE FOAMED FIXTURE	X	
-		*	H10-7863-02	POLYSTYRENE FOAMED FIXTURE	V	
-		*	H10-7864-02	POLYSTYRENE FOAMED FIXTURE	V	
-			H12-3541-14	PACKING FIXTURE	X	
-			H25-1642-04	PROTECTION BAG		
-			H25-1694-04	PROTECTION BAG	XEV	
-			H25-1711-04	PROTECTION BAG	MM1	
-			H25-1743-04	PROTECTION BAG	X	
-			H25-1745-04	PROTECTION BAG		
-		*	H50-4611-04	ITEM CARTON CASE	M	
-		*	H50-4612-04	ITEM CARTON CASE	M1	
-		*	H50-4615-04	ITEM CARTON CASE	E	
-			J61-0307-05	WIRE BAND		
Δ	654	1E	J42-0083-05	POWER CORD BUSHING	V	
Δ	654	1E	J42-0349-05	POWER CORD BUSHING	MM1XE	
655	2C		J52-0039-05	PUSH LATCH		
660	2C		K29-8129-14	KNOB	MXE	
660	2C		K29-8142-14	KNOB	M1V	
662	2D		K29-8140-13	KNOB	MXE	
662	2D		K29-8141-13	KNOB	M1V	
Δ	664	1E	L07-3222-05	POWER TRANSFORMER	MM1	
Δ	664	1E	L07-3223-05	POWER TRANSFORMER	X	
Δ	664	1E	L07-3225-05	POWER TRANSFORMER	E	
Δ	664	1E	L07-3226-05	POWER TRANSFORMER	V	
665	1C		T90-0852-05	LOOP ANTENNA	V	
665	1C		T90-0893-05	LOOP ANTENNA	MM1XE	
666	1C		T90-0855-05	LEAD WIRE ANTENNA	V	
666	1C		T90-0877-05	LEAD WIRE ANTENNA	MM1XE	
670	1D		W02-2919-15	TUNER ASSY	MM1XV	
670	1D		W02-2920-15	TUNER ASSY	E	
672	1D	*	W02-2949-15	ELECTRIC CIRCUIT MODULE		
CD MECHANISM (D40-1515-05/D40-1714-15)						
1	1B		A10-3554-08	LOADING CHS	LCHSM0127AWZZ	
5	2B		D10-3606-08	ROD		
6	1A		D13-2557-08	RACK GEAR	NGERR0005AWZZ	
7	1A		D13-2558-08	TRAY GEAR	NGERH0146AWZZ	
9	2B		D13-1720-08	DRIVING GEAR		
10	1B		D15-0444-08	DRIVE PULLEY	NPLYR0010AWZZ	
11	1B		D16-0770-08	DRIVE BELT	NBLTK0040AWZZ	
13	2B		E35-2322-08	CONE WIRE	QCNWN1379AWZZ	
15	2B,3B		J02-1511-05	INSULATOR		
16	2B		J11-0868-08	CLAMPER	LHLDL01015AWZZ	
18	3A		J19-6221-08	MEC HOLDER	LHLDZ1341AWZZ	
20	2A		J99-0831-08	DISC HOLDER	GCOVA1386AWSA	
25	2B		S74-0080-08	LEAF SWITCH	SWICHL1749A	
26	3B		S74-0038-08	LEAF SWITCH		
28	3B		E40-3264-05	CONNECTOR		

L: Scandinavia K: USA P: Canada R: Mexico C: China I: Malaysia
 Y: PX(Far East,Hawaii) T: England E: Europe G: Germany V: China(Shanghai)
 Y: AAFES(Europe) X: Australia Q: Russia H: Korea M: Other Areas Δ indicates safety critical components.

PARTS LIST

RXD-M65V-H/M65V-N

* New Parts

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③

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30 DM FM LM PU	1B 3B 3B 2B 2A		T99-0609-08 A11-1082-18 T42-0817-08 T42-1113-08 T25-0061-08	MAGNET PMAGF0001AWZZ MOTOR CHS ASSY DISC MOTOR ASSY FEED MOTOR ASSY TRAY PICKUP ASSY KSS-213C		
AC	3A,3B		N09-5280-05	TAPTITE SCREW		
CASSETTE MECHANISM (D40-1772-05)						
BM BS CL PF PR	1D 1D 1D 1D 1D		D16-0748-08 D16-0749-08 D19-0331-08 D14-0399-08 D14-0400-08	MAIN BLT FF19U-21 F/R BELT FF19S-31 CLUTCH ASSY F522-060 ROLLER PINCH R F514-133 ROLLER PINCH L F514-134		
MM RPH	1D 1D		T42-1122-08 T39-0041-08	MTR MAIN BLK F525-345 PLATE HD BLOCK F513-853		
PCB	1D		W02-2926-08	PCB CONTROL F567-689		
DISPLAY (X14-749/753)						
D501			B30-2601-05	LED(GREEN/RED LED)		
C402 C403 C404 C405			CE04LW1C332M CE04LW1E332M CQ93FMG1H563J CE04LW1A101M CE04LW1H2R2M	ELECTRO 3300UF 16WV ELECTRO 3300UF 25WV MYLAR 0.056UF J ELECTRO 100UF 10WV ELECTRO 2.2UF 50WV	XE MM1	
C406 C408 C501,502 C503 C504			CE04LW1H100M CE04LW1H2R2M CC73GCH1H221J CE04RW1H010M CE04RW1H220M	ELECTRO 10UF 50WV ELECTRO 2.2UF 50WV CHIP C J ELECTRO 1.0UF 50WV ELECTRO 22UF 50WV	MM1	
C505 C506 C507 C511			CE04RW1H010M CE04RW1H330M CE04RW0J220M CC73GCH1H102J	ELECTRO 1.0UF 50WV ELECTRO 33UF 50WV ELECTRO 22UF 6.3WV CHIP C J		
△ CN402 CN501 CN502 CN503			E40-4245-05 E40-4942-05 E40-3246-05 E40-3262-05	PIN ASSY FLAT CABLE CONNECTOR PIN ASSY PIN ASSY		
△ F1 △ F2			F05-1222-05 F05-1222-05	FUSE (SEMKO) (250V T1.25A L) FUSE (SEMKO) (250V T1.25A L)	MM1	
CN403,404 CN405,406 E503			J13-0075-05 J13-0075-05 J11-0809-05	FUSE CLIP FUSE CLIP WIRE CLAMPER	XE MM1	
△ T401 △ T401 △ T401 △ X501		*	L07-2858-05 L07-3214-05 L07-3217-05 L78-0747-05	POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER RESONATOR (4MHZ)	XE MM1 V	
R404 R404 R511,512 R514 R515			RS14KB3D181J RS14KB3D271J RK73GB1J472J RK73GB1J361J RK73GB1J301J	FL-PROOF RS 180 J 2W FL-PROOF RS 270 J 2W CHIP R 4.7K J 1/16W CHIP R 360 J 1/16W CHIP R 300 J 1/16W	MM1 XEV	
R516 R517			RK73GB1J104J RK73GB1J103J	CHIP R 100K J 1/16W CHIP R 10K J 1/16W		

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R518 R520 R533 R535 R536-547			RK73GB1J104J RK73GB1J103J RK73GB1J222J RK73GB1J332J RK73GB1J104J	CHIP R 100K J 1/16W CHIP R 10K J 1/16W CHIP R 2.2K J 1/16W CHIP R 3.3K J 1/16W CHIP R 100K J 1/16W		
R548			RK73GB1J100J	CHIP R 10 J 1/16W		
△ K401 △ S401 S501-515			S76-0102-05 S62-0001-05 S70-0086-05	MAGNETIC RELAY SLIDE SWITCH TACT SWITCH	MM1	
S516			T99-0667-05	ROTARY ENCODER		
D401,402 D401,402 D403 D404 D404			HSS104A 1SS133 S1ZB20(4101) HSS104A 1SS133	DIODE DIODE DIODE DIODE DIODE		
D405 D406,407 D406,407 D408 D409			S5688B HSS104A 1SS133 RB721Q HSS104A	DIODE DIODE DIODE DIODE DIODE		
D409 D503 D503 D503 ED501			1SS133 HZS6.2N(B) MTZJ6.2(B) RD6.2ES(B) HNA-14MS07T	DIODE ZENER DIODE ZENER DIODE ZENER DIODE FLUORESCENT INDICATOR TUBE		
△ IC401 △ IC402 IC501 Q401 Q401			BA07T XC62HR5102P MN12510F DTC113ZSA UN4219	ANALOGUE IC ANALOGUE IC MOS-IC DIGITAL TRANSISTOR DIGITAL TRANSISTOR	MM1	
Q402 Q402 Q501			2SA1175(F,E) 2SA933AS(Q,R) HN1C01F	TRANSISTOR TRANSISTOR DUAL TRANSISTOR		
A501			W02-2939-05	ELECTRIC CIRCUIT MODULE		
REC/PLAY (X28-320/321)						
C1 ,2 C5 ,6 C7 ,8 C9 ,10 C11 ,12			CC73GCH1H471J CQ93FMG1H103J CQ93FMG1H393J CC73GCH1H331J CE04LW1H4R7M	CHIP C 470PF J MYLAR 0.010UF J MYLAR 0.039UF J CHIP C 330PF J ELECTRO 4.7UF 50WV	E	
C13 ,14 C15 ,16 C17 ,18 C19 ,20 C21 ,22			CK73GB1H472K CE04LW1H100M CE04LW1HR22M CE04LW1H4R7M CE04LW1H100M	CHIP C 4700PF K ELECTRO 10UF 50WV ELECTRO 0.22UF 50WV ELECTRO 4.7UF 50WV ELECTRO 10UF 50WV		
C23 ,24 C25 ,26 C31 C32 C33			CC73GCH1H221J CC45FSL1H221J CE04PW1A101M CE04PW1E470M CE04PW1H4R7M	CHIP C 220PF J CERAMIC 220PF J ELECTRO 100UF 10WV ELECTRO 47UF 25WV ELECTRO 4.7UF 50WV		
C35 C51			CE04PW1H010M CE04PW1H010M	ELECTRO 1UF 50WV ELECTRO 1UF 50WV		

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5

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C52			CE04PW1H100M	ELECTRO 10UF 50WV		
C53			CQ93FMG1H103J	MYLAR 0.010UF J		
C54 ,55			CQ93FMG1H822J	MYLAR 8200PF J		
C56			CQ93FMG1H223J	MYLAR 0.022UF J		
C57			CQ93HP2A682J	MYLAR 6800PF J		
C58			CE04PW1E470M	ELECTRO 47UF 25WV		
C59 ,60			CK45FB1H102K	CERAMIC 1000PF K		
CN1			E40-4910-05	FLAT CABLE CONNECTOR		
CN2			E40-4933-05	FLAT CABLE CONNECTOR		
E1			J11-0809-05	WIRE CLAMPER		
L1 ,2			L40-1035-20	SMALL FIXED INDUCTOR(10MH,J)		
L3			L32-1041-05	BIAS OSCILATING COIL		
L4			L40-1001-82	SMALL FIXED INDUCTOR(10UH)		
R1 ,2			RK73GB1J104J	CHIP R 100K J 1/16W		
R5 ,6			RK73GB1J512J	CHIP R 5.1K J 1/16W		
R7 ,8			RK73GB1J822J	CHIP R 8.2K J 1/16W		
R9 ,10			RK73GB1J103J	CHIP R 10K J 1/16W		
R11 ,12			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R13 ,14			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R15 ,16			RK73GB1J202J	CHIP R 2.0K J 1/16W		
R17 ,18			RK73GB1J432J	CHIP R 4.3K J 1/16W		
R19 ,20			RK73GB1J103J	CHIP R 10K J 1/16W		
R21 -24			RK73GB1J153J	CHIP R 15K J 1/16W		
R25 -28			RK73GB1J105J	CHIP R 1.0M J 1/16W		
R31			RD14NB2E4R7J	RD 4.7 J 1/4W		
R32			RK73GB1J223J	CHIP R 22K J 1/16W		
R33			RK73GB1J103J	CHIP R 10K J 1/16W		
R34			RK73GB1J101J	CHIP R 100 J 1/16W		
R36			RK73GB1J103J	CHIP R 10K J 1/16W		
R37			RK73GB1J473J	CHIP R 47K J 1/16W		
R38			RK73GB1J182J	CHIP R 1.8K J 1/16W		
R39			RK73GB1J473J	CHIP R 47K J 1/16W		
R40			RK73GB1J182J	CHIP R 1.8K J 1/16W		
R51			RD14NB2E1R0J	RD 1 J 1/4W		
R52			RK73GB1J103J	CHIP R 10K J 1/16W		
R54			RD14NB2E100J	RD 10 J 1/4W		
R55			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R56			RK73GB1J183J	CHIP R 18K J 1/16W		
R57 ,58			RK73GB1J562J	CHIP R 5.6K J 1/16W		
R61 ,62			RK73GB1J562J	CHIP R 5.6K J 1/16W		
VR1 ,2			R12-6013-05	TRIMMING POT.(330K)		
W50			R92-0670-05	CHIP R 0 OHM		
D1 -3			HSS104A	DIODE		
D1 -3			1SS133	DIODE		
IC1			HA12230NT	ANALOGUE IC		
Q1 -4			RK7002	FET		
Q5			DTC124EUA	DIGITAL TRANSISTOR		
Q5			UN5212	DIGITAL TRANSISTOR		
Q6 ,7			2SA1286-T11	TRANSISTOR		
Q8 ,9			KRC103M	DIGITAL TRANSISTOR		
Q8 ,9			UN4212	DIGITAL TRANSISTOR		
Q11 ,12			DTC124EUA	DIGITAL TRANSISTOR		

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6

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Q11 ,12			UN5212	DIGITAL TRANSISTOR		
Q13 ,14			2SC2785(F,E)	TRANSISTOR		
Q15 ,16			KTC3200	TRANSISTOR		
Q15 ,16			2SC1845(F,E)	TRANSISTOR		
Q17			DTA124EUA	DIGITAL TRANSISTOR		
Q17			UN5112	DIGITAL TRANSISTOR		
Q18			DTC124EUA	DIGITAL TRANSISTOR		
Q18			UN5212	DIGITAL TRANSISTOR		
Q19			KTC3205	TRANSISTOR		
Q19			2SC3940A(R,S)	TRANSISTOR		
CONTROL (X29-291/293)						
C1 ,2			CK45FB1H471K	CERAMIC 470PF K		
C3 ,4			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C5 -8			CQ93FMG1H104J	MYLAR 0.10UF J		
C9 ,10			CE04KW1H220M	ELECTRO 22UF 50WV		
C11 ,12			CK73GB1H471K	CHIP C 470PF K		
C13 ,14			CC73GCH1H100D	CHIP C 10PF D		
C15 ,16			CC73GCH1H220J	CHIP C 22PF J		
C17 ,18			CK45FF1H472Z	CERAMIC 4700PF Z		
C19 ,20			CK45FF1H103Z	CERAMIC 0.010UF Z		
C21			CE04KW1A101M	ELECTRO 100UF 10WV		
C22			CE04KW1H4R7M	ELECTRO 4.7UF 50WV		
C23 ,24			CK45FB1H102K	CERAMIC 1000PF K		
C25			C90-3626-05	ELECTRO 2200UF 25WV		
C26 ,27			C90-5756-05	ELECTRO 2200UF 45WV		
C30			CE04KW1E470M	ELECTRO 47UF 25WV		
C31			CK45FF1H103Z	CERAMIC 0.010UF Z		
C32			CE04KW1A470M	ELECTRO 47UF 10WV		
C33			CE04HW1H3R3M	NP-ELEC 3.3UF 50WV		
C34			CE04KW1J470M	ELECTRO 47UF 63WV		
C35 ,36			CE04RW1H220M	ELECTRO 22UF 50WV		
C50			CE04KW1A470M	ELECTRO 47UF 10WV		
C51 ,52			CK45FF1H103Z	CERAMIC 0.010UF Z		
C53			CE04KW1A221M	ELECTRO 220UF 10WV		
C54			CE04KW1E470M	ELECTRO 47UF 25WV		
C56			CK45FF1H103Z	CERAMIC 0.010UF Z		
C101,102			CC45FSL1H221J	CERAMIC 220PF J		
C103,104			C90-5765-05	ELECTRO 22UF 50WV		
C105,106		*	CK73GB1H103K	CHIP C 0.010UF K		
C109,110			CC45FSL1H151J	CERAMIC 150PF J		
C111,112			CC45FSL1H221J	CERAMIC 220PF J		
C113			CE04KW1H470M	ELECTRO 47UF 50WV		
C114			CE04KW1H101M	ELECTRO 100UF 50WV		
C115,116			CC45FSL1H151J	CERAMIC 150PF J		
C117,118			CC45FSL1H221J	CERAMIC 220PF J		
C121			CC45FSL1H101J	CERAMIC 100PF J		
C122			CK45FB1H222K	CERAMIC 2200PF K		
C123			CC73GCH1H820J	CHIP C 82PF J		
C209,210			CE04RW1V4R7M	ELECTRO 4.7UF 35WV		
C219,220			CE04RW1V4R7M	ELECTRO 4.7UF 35WV		
C221,222			CC73GCH1H101J	CHIP C 100PF J		
C223			CE04RW1E470M	ELECTRO 47UF 25WV		
C269			CE04LW1H100M	ELECTRO 10UF 50WV		
C274			CE04RW1C101M	ELECTRO 100UF 16WV		
C279,280			CC73GCH1H221J	CHIP C 220PF J		

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PARTS LIST

RXD-M65V-H/M65V-N

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7

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C281,282			CK73GB1H122K	CHIP C 1200PF	K	
C291,292			CC73GCH1H100D	CHIP C 10PF	D	
C501			CE04LW1H2R2M	ELECTRO 2.2UF	50WV	MM1
C502			CK73GB1H103K	CHIP C 0.010UF	K	MM1
C601,602			CE04LW1H2R2M	ELECTRO 2.2UF	50WV	
C603,604			CE04LW1H010M	ELECTRO 1.0UF	50WV	
C605-608			CK73GB1A154K	CHIP C 0.15UF	K	
C610			CC73GCH1H221J	CHIP C 220PF	J	
C611-614			CK73GB1A154K	CHIP C 0.15UF	K	
C615,616			CK73GB1H272K	CHIP C 2700PF	K	
C617-626			CE04LW1H010M	ELECTRO 1.0UF	50WV	
C627			CC73GCH1H221J	CHIP C 220PF	J	
C628			CE04KW1A101M	ELECTRO 100UF	10WV	
C631			CC73GCH1H060D	CHIP C 6.0PF	D	
C632			CE04KW1A101M	ELECTRO 100UF	10WV	
C634			CC73GCH1H060D	CHIP C 6.0PF	D	
C635,636			CC73GCH1H221J	CHIP C 220PF	J	
C650			CC73GCH1H101J	CHIP C 100PF	J	
C663			CE04LW1A101M	ELECTRO 100UF	10WV	
C664			CC73GCH1H390J	CHIP C 39PF	J	
C665,666			CC73GCH1H100D	CHIP C 10PF	D	
C667			CC73GCH1H121J	CHIP C 120PF	J	
C701			CE04LW1H010M	ELECTRO 1.0UF	50WV	
C702			CK45FF1H103Z	CERAMIC 0.010UF	Z	
C704			CE04LW1H2R2M	ELECTRO 2.2UF	50WV	
C705,706			CC73GCH1H180J	CHIP C 18PF	J	
C707			CE04KW1A101M	ELECTRO 100UF	10WV	
C708			CK45FB1H102K	CERAMIC 1000PF	K	
C709-712			CK45FF1H103Z	CERAMIC 0.010UF	Z	
C713			CC45FSL1H101J	CERAMIC 100PF	J	
C715,716			CC45FSL1H101J	CERAMIC 100PF	J	
C718			CK45FF1H103Z	CERAMIC 0.010UF	Z	
C719			CK73GB0J105K	CHIP C 1.0UF	K	
C720			CK45FF1H103Z	CERAMIC 0.010UF	Z	MM1V
C733			CC45FSL1H560J	CERAMIC 56PF	J	
C743			CK45FF1H103Z	CERAMIC 0.010UF	Z	
C801			CE04LW1H2R2M	ELECTRO 2.2UF	50WV	
C802,803			CC73GCH1H271J	CHIP C 270PF	J	
C804			CC73GCH1H561J	CHIP C 560PF	J	
C805			CK73GB1H103K	CHIP C 0.010UF	K	
C806,807			CC73GCH1H270J	CHIP C 27PF	J	
C808			CE04LW1A101M	ELECTRO 100UF	10WV	
C852			CE04HW1H010M	NP-ELEC 1.0UF	50WV	
C853			CE04LW1H101M	ELECTRO 100UF	50WV	
C901			CE04LW1H100M	ELECTRO 10UF	50WV	
C902,903			CC73GCH1H100D	CHIP C 10PF	D	
C904			CC73GCH1H121J	CHIP C 120PF	J	
C905			CK73GF1E104Z	CHIP C 0.10UF	Z	
C906			CC73GCH1H221J	CHIP C 220PF	J	
C907			CK45FE2H103P	CERAMIC 0.010UF	P	
C986			CC73GCH1H821J	CHIP C 820PF	J	
C987			CK73GF1E104Z	CHIP C 0.10UF	Z	
C988			CC73GCH1H220J	CHIP C 22PF	J	
C989			CK73GF1E104Z	CHIP C 0.10UF	Z	
C990			CE04KW1E332M	ELECTRO 3300UF	25WV	

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8

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C991			CK73GB1H103K	CHIP C 0.010UF	K	
C992			CE04KW1E470M	ELECTRO 47UF	25WV	
C993			CC73GCH1H101J	CHIP C 100PF	J	
C994			CE04RW1E470M	ELECTRO 47UF	25WV	
C995			CK73GB1H103K	CHIP C 0.010UF	K	
C996-998			CK73GF1E104Z	CHIP C 0.10UF	Z	
CN2			E40-3258-05	PIN ASSY		
CN11			E40-4976-05	PIN ASSY		
CN26			E40-8793-05	PIN ASSY		
CN71			E40-8482-05	FLAT CABLE CONNECTOR		
CN72			E40-8485-05	FLAT CABLE CONNECTOR		
CN73			E40-8479-05	FLAT CABLE CONNECTOR		
J1			E70-0123-15	LOCK TERMINAL BOARD		
J2			E11-0399-05	MINIATURE PHONE JACK(7P)		
J601			E63-1264-05	PIN JACK		
J602		*	E63-1277-05	PIN JACK		
Δ F3			F05-4025-05	FUSE (SEMKO) (250V T4A L)		
CN20,21			J13-0075-05	FUSE CLIP		
E1 -5			J11-0809-05	WIRE CLAMPER		
L1			L92-0075-05	CHIP FERRITE		
L3 ,4			L92-0075-05	CHIP FERRITE		
X701			L78-0725-05	RESONATOR (8.38MHZ)		
X702			L77-2173-05	CRYSTAL RESONATOR(32.768KHZ)		
X801			L77-2002-05	CRYSTAL RESONATOR(4.332MHZ)		E
R1 ,2			RK73GB1J473J	CHIP R 47K	J 1/16W	
R3 -6			RK73GB1J222J	CHIP R 2.2K	J 1/16W	
R9 ,10			RK73GB1J131J	CHIP R 130	J 1/16W	
R11 ,12			RS14KB3D4R7J	FL-PROOF RS 4.7	J 2W	
R13 ,14			RK73GB1J102J	CHIP R 1.0K	J 1/16W	
R15 ,16			RK73GB1J333J	CHIP R 33K	J 1/16W	
R17 ,18			RK73GB1J122J	CHIP R 1.2K	J 1/16W	
R23			RK73GB1J103J	CHIP R 10K	J 1/16W	
R33 ,34			RS14KB3D391J	FL-PROOF RS 390	J 2W	
R48			RK73GB1J100J	CHIP R 10	J 1/16W	
R49			RK73GB1J4R7J	CHIP R 4.7	J 1/16W	
R50			RK73GB1J100J	CHIP R 10	J 1/16W	
R51			RS14KB3A821J	FL-PROOF RS 820	J 1W	
R57 ,58			RK73GB1J472J	CHIP R 4.7K	J 1/16W	
R111-114			RS14KB3DR22J	FL-PROOF RS 0.22	J 2W	
R115-120			RK73GB1J271J	CHIP R 270	J 1/16W	
R121-124			RK73GB1J470J	CHIP R 47	J 1/16W	
R129,130			RK73GB1J220J	CHIP R 22	J 1/16W	
R131,132			RK73GB1J240J	CHIP R 24	J 1/16W	
R211,212			RK73GB1J393J	CHIP R 39K	J 1/16W	
R215,216			RK73GB1J100J	CHIP R 10	J 1/16W	
R217,218			RK73GB1J103J	CHIP R 10K	J 1/16W	
R219,220			RK73GB1J101J	CHIP R 100	J 1/16W	
R257,258			RK73GB1J224J	CHIP R 220K	J 1/16W	
R269			RK73GB1J512J	CHIP R 5.1K	J 1/16W	
R270			RK73GB1J392J	CHIP R 3.9K	J 1/16W	
R393			RK73GB1J100J	CHIP R 10	J 1/16W	
R501			RD14NB2E152J	RD 1.5K	J 1/4W	MM1
R502			RD14NB2E222J	RD 2.2K	J 1/4W	MM1

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R503			RK73GB1J102J	CHIP R 1.0K J 1/16W	MM1	
R504			RK73GB1J103J	CHIP R 10K J 1/16W	MM1V	
R601,602			RK73GB1J221J	CHIP R 220 J 1/16W		
R603-605			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R606-609			RK73GB1J752J	CHIP R 7.5K J 1/16W		
R610,611			RK73GB1J103J	CHIP R 10K J 1/16W		
R612,613			RK73GB1J163J	CHIP R 16K J 1/16W		
R631			RK73GB1J4R7J	CHIP R 4.7 J 1/16W		
R702			RK73GB1J104J	CHIP R 100K J 1/16W		
R703			RK73GB1J103J	CHIP R 10K J 1/16W		
R705,706			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R708			RK73GB1J104J	CHIP R 100K J 1/16W		
R711			RK73GB1J101J	CHIP R 100 J 1/16W		
R712			RK73GB1J512J	CHIP R 5.1K J 1/16W		
R713-715			RK73GB1J101J	CHIP R 100 J 1/16W		
R717-719			RK73GB1J101J	CHIP R 100 J 1/16W		
R720-722			RK73GB1J332J	CHIP R 3.3K J 1/16W		
R723			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R724			RK73GB1J103J	CHIP R 10K J 1/16W		
R725-728			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R729,730			RK73GB1J101J	CHIP R 100 J 1/16W		
R733			RK73GB1J101J	CHIP R 100 J 1/16W		
R735,736			RK73GB1J101J	CHIP R 100 J 1/16W		
R738			RK73GB1J101J	CHIP R 100 J 1/16W		
R739			RK73GB1J101J	CHIP R 100 J 1/16W	V	
R739			RK73GB1J103J	CHIP R 10K J 1/16W	MM1	
R740			RK73GB1J104J	CHIP R 100K J 1/16W		
R742			RK73GB1J104J	CHIP R 100K J 1/16W		
R743			RK73GB1J101J	CHIP R 100 J 1/16W		
R745			RK73GB1J104J	CHIP R 100K J 1/16W		
R746,747			RK73GB1J101J	CHIP R 100 J 1/16W		
R748			RK73GB1J332J	CHIP R 3.3K J 1/16W		
R750			RK73GB1J332J	CHIP R 3.3K J 1/16W		
R751			RK73GB1J104J	CHIP R 100K J 1/16W		
R752			RK73GB1J101J	CHIP R 100 J 1/16W		
R753			RK73GB1J104J	CHIP R 100K J 1/16W		
R754			RK73GB1J332J	CHIP R 3.3K J 1/16W		
R755			RK73GB1J104J	CHIP R 100K J 1/16W		
R759			RK73GB1J332J	CHIP R 3.3K J 1/16W		
R760			RK73GB1J473J	CHIP R 47K J 1/16W		
R761			RK73GB1J101J	CHIP R 100 J 1/16W		
R762			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R763			RK73GB1J101J	CHIP R 100 J 1/16W		
R764			RK73GB1J473J	CHIP R 47K J 1/16W		
R765-769			RK73GB1J101J	CHIP R 100 J 1/16W		
R770			RK73GB1J222J	CHIP R 2.2K J 1/16W		
R773			RK73GB1J101J	CHIP R 100 J 1/16W		
R776			RK73GB1J101J	CHIP R 100 J 1/16W		
R777			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R778			RK73GB1J104J	CHIP R 100K J 1/16W		
R779			RK73GB1J101J	CHIP R 100 J 1/16W		
R780			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R781,782			RK73GB1J104J	CHIP R 100K J 1/16W		
R784			RK73GB1J104J	CHIP R 100K J 1/16W		
R789			RK73GB1J512J	CHIP R 5.1K J 1/16W		

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R790,791			RK73GB1J101J	CHIP R 100 J 1/16W		
R792			RK73GB1J103J	CHIP R 10K J 1/16W		
R793			RK73GB1J332J	CHIP R 3.3K J 1/16W		
R801			RK73GB1J473J	CHIP R 47K J 1/16W	E	
R802			RK73GB1J101J	CHIP R 100 J 1/16W	E	
R804			RK73GB1J1R0J	CHIP R 1 J 1/16W	E	
R850,851			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R852,853			RK73GB1J473J	CHIP R 47K J 1/16W		
R856			RK73GB1J223J	CHIP R 22K J 1/16W		
R857			RK73GB1J473J	CHIP R 47K J 1/16W		
R858			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R859			RK73GB1J103J	CHIP R 10K J 1/16W		
R862			RK73GB1J473J	CHIP R 47K J 1/16W		
R901,902			RK73GB1J473J	CHIP R 47K J 1/16W		
R903,904			RK73GB1J103J	CHIP R 10K J 1/16W		
R905			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R906-908			RS14KB3D331J	FL-PROOF RS 330 J 2W		
R909,910			RS14KB3D100J	FL-PROOF RS 10 J 2W		
R911,912			RK73GB1J181J	CHIP R 180 J 1/16W		
R913			RS14KB3D331J	FL-PROOF RS 330 J 2W		
R914			RS14KB3D150J	FL-PROOF RS 15 J 2W		
R915			RK73GB1J4R3J	CHIP R 4.3 J 1/16W		
R917			RK73GB1J223J	CHIP R 22K J 1/16W		
VR1 ,2			R32-0038-05	SEMI FIXED VARIABLE RESISTOR		
W45			R92-1252-05	CHIP R 0 OHM J 1/16W		
W50 ,51			R92-1252-05	CHIP R 0 OHM J 1/16W		
W57			R92-1252-05	CHIP R 0 OHM J 1/16W		
W252,253			R92-1252-05	CHIP R 0 OHM J 1/16W		
W401			R92-1252-05	CHIP R 0 OHM J 1/16W		
K1			S76-0098-05	MAGNETIC RELAY		
D1			HSS104A	DIODE		
D1			1SS133	DIODE		
D2			HZS5.1N(B)	ZENER DIODE		
D2			MTZJ5.1(B)	ZENER DIODE		
D2			RD5.1ES(B)	ZENER DIODE		
Δ D3			TS4B03G-B1	DIODE		
Δ D4			D2SBA20F03	DIODE		
D5			MTZJ4.3(B)	ZENER DIODE		
D7			HSS104A	DIODE		
D7			1SS133	DIODE		
D10 ,11			MA111	DIODE	MM1	
Δ D12 ,13			1T2	DIODE		
D14			MTZJ13(B)	ZENER DIODE		
D15			MTZJ16(B)	ZENER DIODE		
D16			HSS104A	DIODE		
D16			1SS133	DIODE		
D50			HZS5.6N(B)	ZENER DIODE		
D50			MTZJ5.6(B)	ZENER DIODE		
D50			RD5.6ES(B)	ZENER DIODE		
D101-106			HSS104A	DIODE		
D101-106			1SS133	DIODE	MM1	
D501			HSS104A	DIODE	MM1	
D501			1SS133	DIODE	MM1	
D701			HSS104A	DIODE		

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PARTS LIST

RXD-M65V-H/M65V-N

HOW TO READ THE PARTS LIST

ABBREVIATION OF MODEL AND MASS PRODUCTION'S DESTINATIONS

MODEL	ABB.	Australia	Canada	China	England	Europe	Germany	Korea	Malaysia
RXD-M65V-H		X	-	-	-	E	-	-	-
RXD-M65V-N		-	-	-	-	-	-	-	-
MODEL	ABB.	Mexico	PX/AAFES	Russia	Scandinavia	Shanghai	USA	Other area	
RXD-M65V-H		-	-	-	-	-	-	M	-
RXD-M65V-N		-	-	-	-	V	-	M1	-

- About the exclusive parts of V type, it does not supply from a Japan side.

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11

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D701			1SS133	DIODE		
D702			1SS402	DIODE		
D704-707			HSS104A	DIODE		
D704-707			1SS133	DIODE		
D900			D2SBA20F03	DIODE		
D901,902			1T2	DIODE		
D903			MTZJ4.3(B)	ZENER DIODE		
IC26			TA8409S	MOS-IC		
IC101			KIA7805API	ANALOGUE IC		
IC202			NJM4565M	ANALOGUE IC		
IC501			S-80840CNY	ANALOGUE IC	MM1	
IC601			LC75343M	ANALOGUE IC		
IC701		*	MN101C51FGD	MI-COM IC		
IC702			S-80840CNY	ANALOGUE IC	E	
IC801			BU1923F	ANALOGUE IC		
IC901			BR24C02F-W	MEMORY IC		
IC910,911			KIA7805API	ANALOGUE IC		
Q1 ,2			2SC2878(B)	TRANSISTOR		
Q5			KTA1267(Y,GR)	TRANSISTOR		
Q10			KTC3199(Y,GR)	TRANSISTOR		
Q12			KTA1267(Y,GR)	TRANSISTOR		
Q13			KTA1268	TRANSISTOR		
Q14			DTC113ZSA	DIGITAL TRANSISTOR		
Q51			2SC1845(F,E)	TRANSISTOR		
Q52			UMH5N	TRANSISTOR		
Q101,102			UMT2N	DUAL TRANSISTOR		
Q103,104			IMX8	DUAL TRANSISTOR		
Q105			IMT4	DUAL TRANSISTOR		
Q106			IMX8	DUAL TRANSISTOR		
Q107			UMX2N	DUAL TRANSISTOR		
Q109,110			2SD2227S	TRANSISTOR		
Q111,112			2SB1685*5	TRANSISTOR		
Q113,114			2SD2641*5	TRANSISTOR		
Q701			2SC4081(R,S)	TRANSISTOR		
Q702			UN5219	DIGITAL TRANSISTOR		
Q900,901			2SC2878(B)	TRANSISTOR		
Q902			DTA124EUA	DIGITAL TRANSISTOR		
Q903			DTC124EUA	DIGITAL TRANSISTOR		
Q904			2SB1375	TRANSISTOR		
Q905			DTC124EUA	DIGITAL TRANSISTOR		
Q906			2SA933AS(Q,R)	TRANSISTOR		
A601			W02-1114-15	OSCILLATING MODULE		

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RXD-M65V-H/M65V-N

SPECIFICATIONS

Main unit

[Amplifier section]

(For U.S.A. and Canada)

Rated output power during STEREO operation (FTC)

13 watts per channel minimum RMS, both channels driven, at 6 Ω from 90 Hz to 15 kHz with no more than 10 % total harmonic distortion.

(For U.K. and Europe)

Effective output power during STEREO operation

(1 kHz, 10% T.H.D., at 6 Ω) 15 W + 15 W

Rated output power during STEREO operation

(1 kHz, 0.7% T.H.D., at 6 Ω) 11 W + 11 W

(For other countries)

Rated output power during STEREO operation

(1 kHz, 10% T.H.D., at 6 Ω) 15 W + 15 W

[Tuner section]

FM tuner section

Tuning frequency range 87.5 MHz ~ 108 MHz

MW (AM) tuner section

(For U.S.A. and Canada)

Tuning frequency range 530 kHz ~ 1,700 kHz

(For U.K. and Europe)

Tuning frequency range 531 kHz ~ 1,602 kHz

(For Australia)

Tuning frequency range 531 kHz ~ 1,602 kHz

(For other countries)

Tuning frequency range

9 kHz step 531 kHz ~ 1,602 kHz

10 kHz step 530 kHz ~ 1,610 kHz

[CD player section]

Laser Semiconductor laser

Over sampling 8 fs (352.8 Hz)

Laser wave length 760 - 800 nm

Laser power class Class 3A (IEC)

D/A Conversion 1 Bit

[Cassette deck section]

Track 4-track, 2-channel stereo

Recording system AC bias system
(Frequency: 105 kHz)

Heads

Playback/ recording head 1

Erasing head 1

Wow and flutter 0.2 % (W.R.M.S.)

Fast winding time Approx. 100 seconds
(C-60 tape)

[General]

Power consumption 45 W

Dimensions W : 150 mm (5-7/8")

H : 223 mm (8-3/4")

D : 265 mm (10-7/16")

Weight (net) 3.75 kg (8.3 lb)

Speakers (LS-M65V)

Enclosure Bass-reflex type

Speaker configuration

Woofer 100 mm, cone type

Tweeter 20 mm, piezo type

Impedance 6 Ω

Maximum input power 20 W

Dimensions W : 130 mm (5-1/8")

H : 220 mm (8-11/16")

D : 214 mm (8-7/16")

Weight (net) 1.65 kg (3.64 lb) (1 piece)



KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

- Sufficient performance may not be exhibited at extremely cold locations (where water freezes).

RXD-M65V-H/M65V-N

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