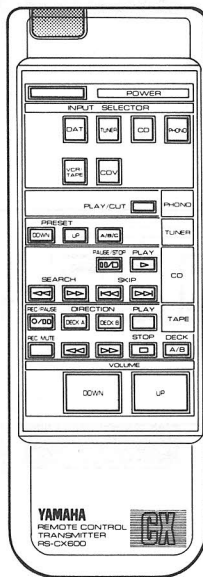
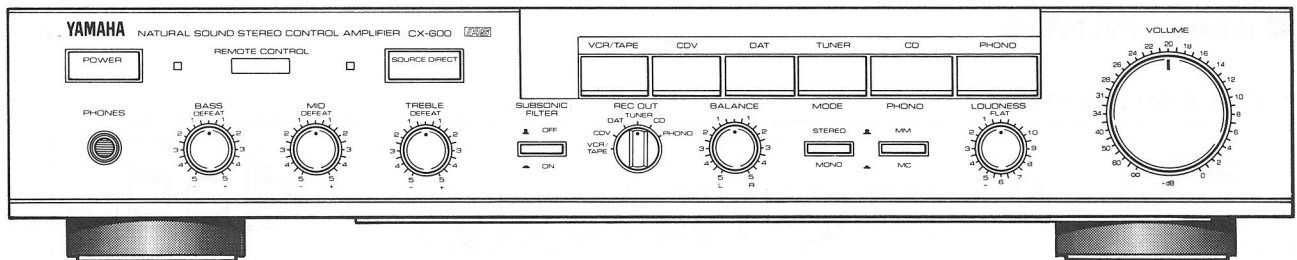


STEREO CONTROL AMPLIFIER CX-600/U

SERVICE MANUAL



IMPORTANT NOTICE

This manual has been provided for the use of authorized Yamaha Retailers and their service personnel. It has been assumed that basic service procedures inherent to the industry, and more specifically Yamaha Products, are already known and understood by the users, and have therefore not been restated.

WARNING: Failure to follow appropriate service and safety procedures when servicing this product may result in personal injury, destruction of expensive components and failure of the product to perform as specified. For these reasons, we advise all Yamaha product owners that all service required should be performed by an authorized Yamaha Retailer or the appointed service representative.

IMPORTANT: The presentation or sale of this manual to any individual or firm does not constitute authorization, certification or recognition of any applicable technical capabilities, or establish a principle-agent relationship of any form.

The data provided is believed to be accurate and applicable to the unit(s) indicated on the cover. The research, engineering, and service departments of Yamaha are continually striving to improve Yamaha products. Modifications are, therefore, inevitable and specifications are subject to change without notice or obligation to retrofit. Should any discrepancy appear to exist, please contact the distributor's Service Division.

WARNING: Static discharges can destroy expensive components. Discharge any static electricity your body may have accumulated by grounding yourself to the ground buss in the unit (heavy gauge black wires connect to this buss).

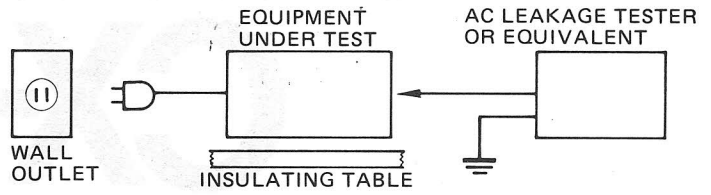
IMPORTANT: Turn the unit OFF during disassembly and parts replacement. Recheck all work before you apply power to the unit.

CONTENTS

TO SERVICE PERSONNEL	1	IC DATA	5/6
REAR PANELS	1	WIRING	7
SPECIFICATIONS	2	PRINTED CIRCUIT BOARD	8 ~ 11
BLOCK DIAGRAM	3	SCHEMATIC DIAGRAM	12
INTERNAL VIEW	4	PARTS LIST	13 ~ 18
DISASSEMBLY PROCEDURES	4	RS-CX600	19/20

TO SERVICE PERSONNEL

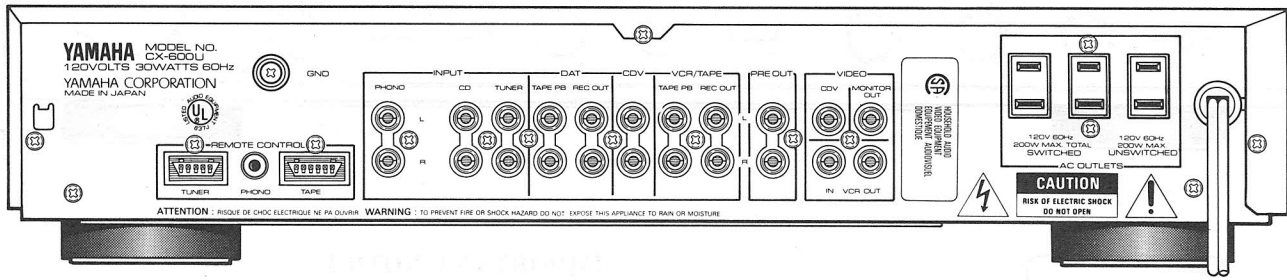
1. Critical Components Information.
Components having special characteristics are marked Δ and must be replaced with parts having specifications equal to those originally installed.
 2. Leakage Current Measurement (For 120V Model Only).
When service has been completed, it is imperative that you verify that all exposed conductive surfaces are properly insulated from supply circuits.
- Meter impedance should be equivalent to 1500 ohm shunted by 0.15 μ F.
 - Leakage current must not exceed 0.5mA.
 - Be sure to test for leakage with the AC plug in both polarities.



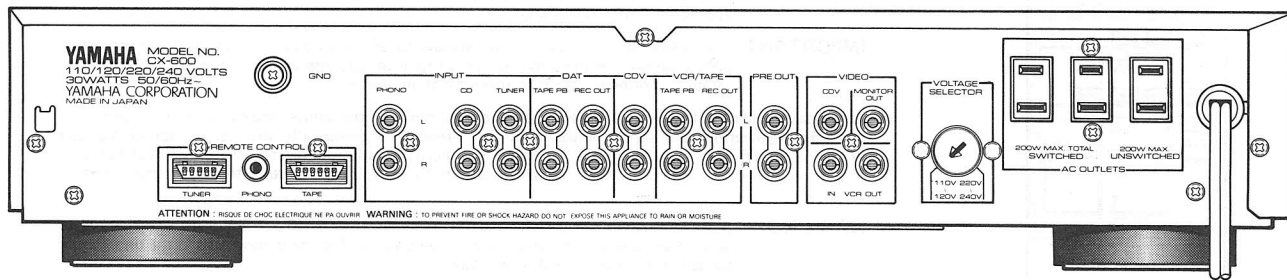
- **POLARIZATION (U, C models only)**
This amplifier product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature.

REAR PANELS

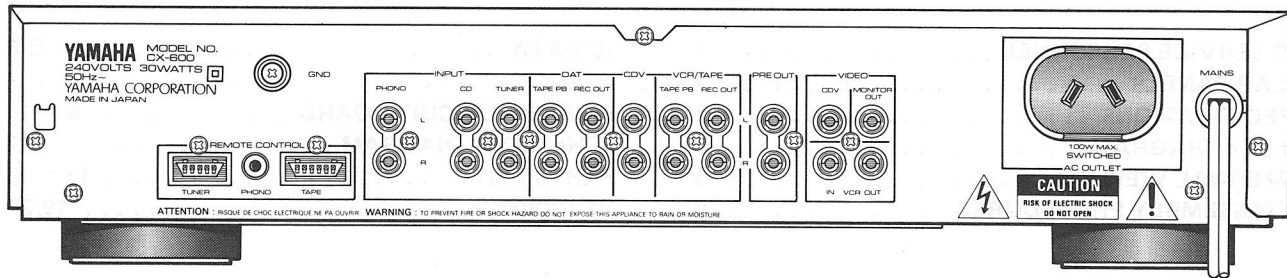
U.S.A. & Canadian models



General model



Australian model



CX-600/U

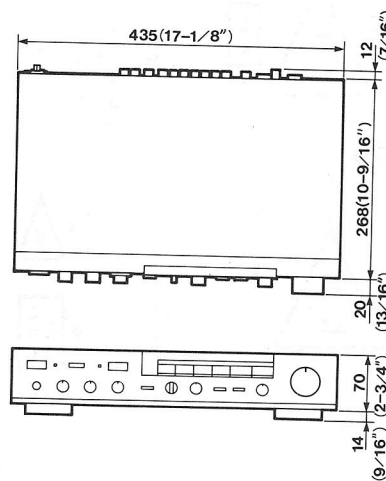
SPECIFICATIONS

Input Sensitivity/Impedance		
Phono MC		100 μ V/100 Ω
Phono MM		2.5mV/47k Ω
CD etc		150mV/47k Ω
Input Sensitivity (New IHF)		
Phono MC		33 μ V
Phono MM		0.83mV
CD etc		50mV
Maximum Input Signal (1kHz)		
Phono MC 0.03% THD		7mV
Phono MM 0.01% THD		170mV
Output Level/Impedance		
Rec Out		150mV/330 Ω
Pre Out		1.5V/47 Ω
Maximum Voltage Output (20Hz ~ 20kHz 0.1% THD)		
Pre Out		8.5V
Headphone Jack Rated Output/Impedance (0.1% THD)		
0.1% THD RL=150 Ω		4.2V/82 Ω
Frequency Response (20Hz ~ 20kHz)		
CD etc		0 \pm 0.2dB
RIAA Equalization Deviation		
Phono MC/MM 20Hz ~ 20kHz		\pm 0.3/ \pm 0.2dB
Phono MM 10Hz ~ 100kHz		\pm 0.5dB
Phono MC 20Hz ~ 100kHz		\pm 0.5dB
Total Harmonic Distortion (20Hz ~ 20kHz)		
Phono MC to Rec Out 3V		0.002%
Phono MM to Rec Out 3V		0.002%
CD etc to Pre Out 3V		0.002%
(Source Direct ON)		
Signal to Noise Ratio (IHF-A Network)		
Phono MC (500 μ V Input Shorted)		84dB
Phono MM (5mV Input Shorted)		94dB
Source Direct (Shorted)		106dB
Signal to Noise Ratio (New IHF)		
Phono MC		79dB
Phono MM		80dB
CD etc		92dB
Residual Noise (IHF-A Network)		
		8 μ V
Channel Separation (Vol. Max)		
Phono MM, MC		
(Input Shorted 1kHz/10kHz)		80dB/70dB
CD etc		
(Input 5.1k Ω terminated 1kHz/10kHz)		70dB/60dB
Tone Control Characteristics		
BASS boost/cut		\pm 10dB (20Hz)
turnover frequency		350Hz
TREBLE boost/cut		\pm 10dB (20kHz)
turnover frequency		3.5kHz
MID control range		\pm 10dB (1kHz)
center frequency		1kHz
Video Input Sensitivity/Impedance		
CDV, VCR		1V _{p-p} /75 Ω
Video Output Sensitivity/Impedance		
Monitor Out, VCR Out		1V _{p-p} /75 Ω
Filter Characteristics		
Subsonic (15Hz)		-12dB
Continuous Loudness Control (Level Related Equalization)		
Attenuation		-40dB (1kHz)
Gain Tracking Error (0 ~ -60dB)		
		2dB
Power Supply		
		AC110/120/220/240V, 50/60Hz (R) AC240V, 50Hz (A) AC120V, 60Hz (U, C)
Power Consumption		
		30W
AC Outlet		
Switched x 2		200W max. (U, C, R)
Switched x 1		100W max. (A)
Un Switched x 1		200W max. (U, C, R)
Dimensions (W x H x D)		
		435 x 84 x 300mm (17-1/8" x 3-5/16" x 12")
Weight		
		4.7 kg (10 lbs 7 oz)

* Specifications are subject to change without notice.

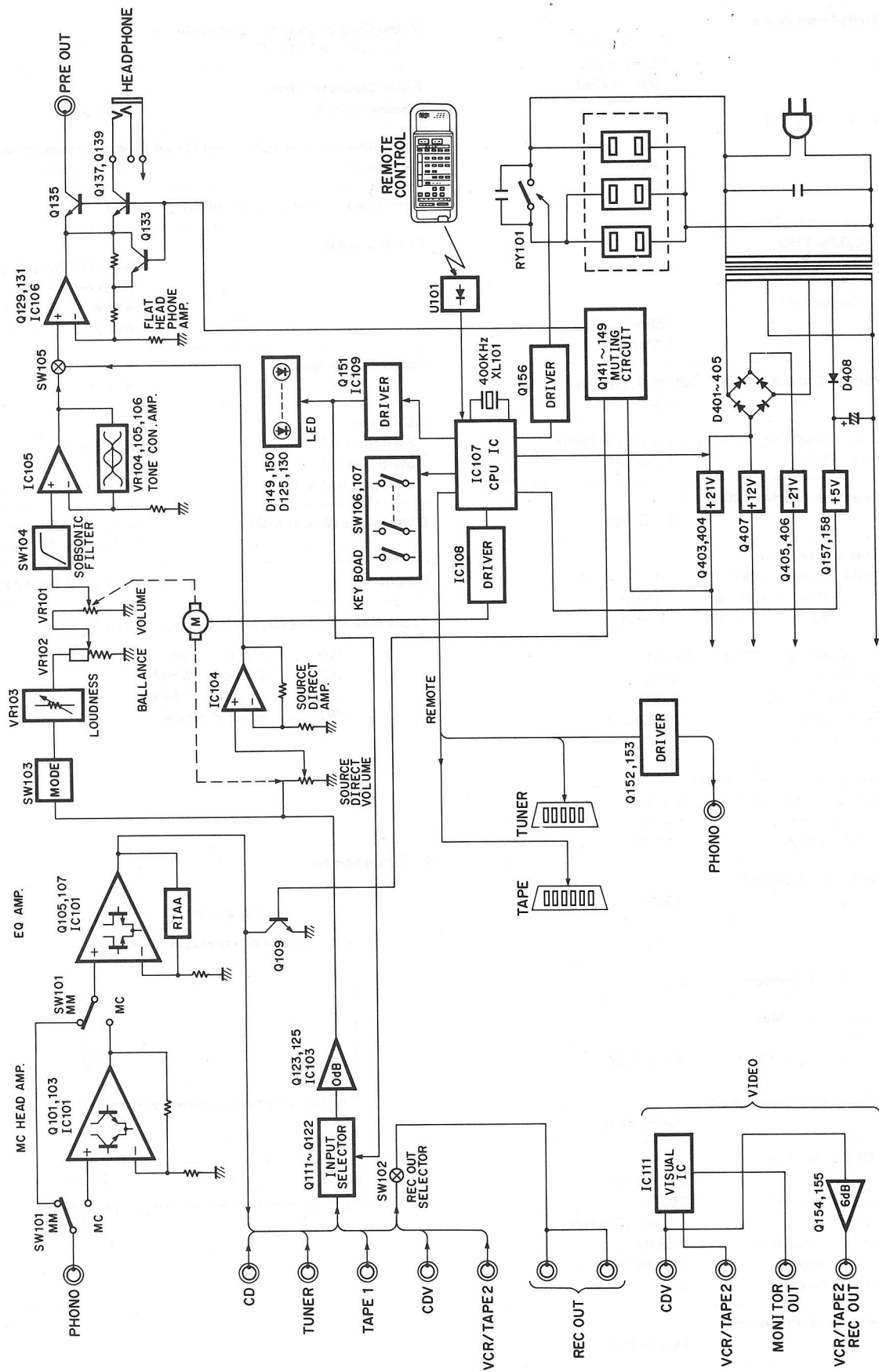
(U) U.S.A. Model
(C) Canadian Model
(A) Australian Model
(R) General Model

● Dimensions



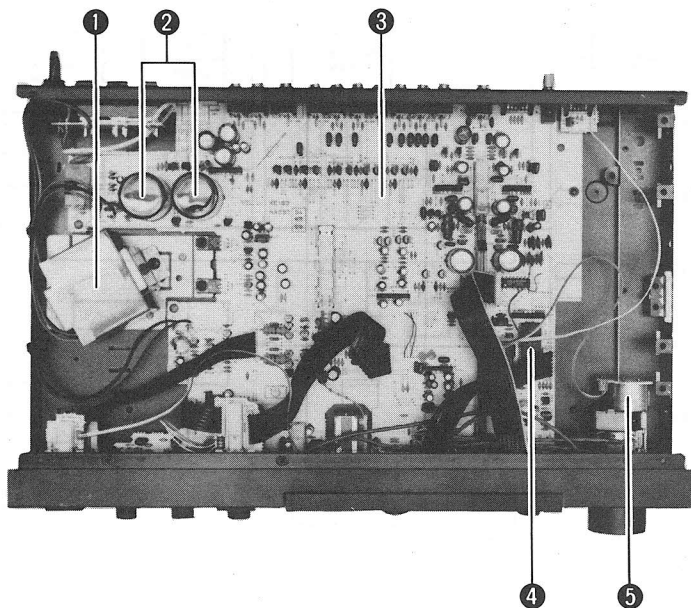
Unit: mm (inch)

BLOCK DIAGRAM



CX-600/U

INTERNAL VIEW



- ① POWER TRANSFORMER
U, C models : XE122001
R model : XE123001
A model : XE124001
- ② ELECTROLYTIC CAP.
- ③ MAIN CIRCUIT BOARD (1)
- ④ 4 bit μ -COM : LC6505C-3023
- ⑤ MOTOR VOLUME

DISASSEMBLY PROCEDURES

1. **Removal of Top Cover**
Remove 6 screws (①) in Fig. 1. and slide the Top Cover back.
2. **Removal of Front Panel**
Remove 6 screws (②) in Fig. 1.
3. **Removal of Bottom Cover**
Remove 7 screws (③) in Fig. 1.

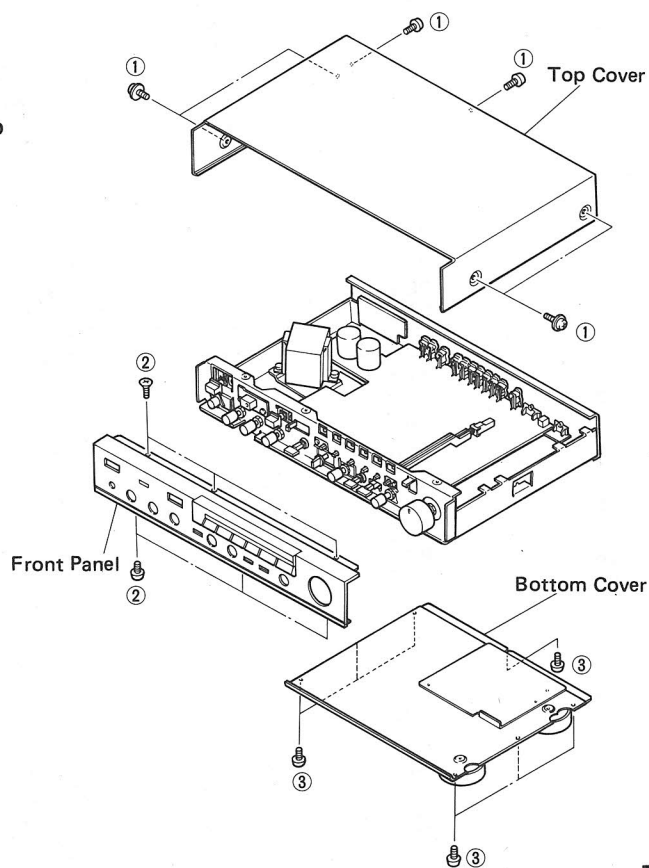
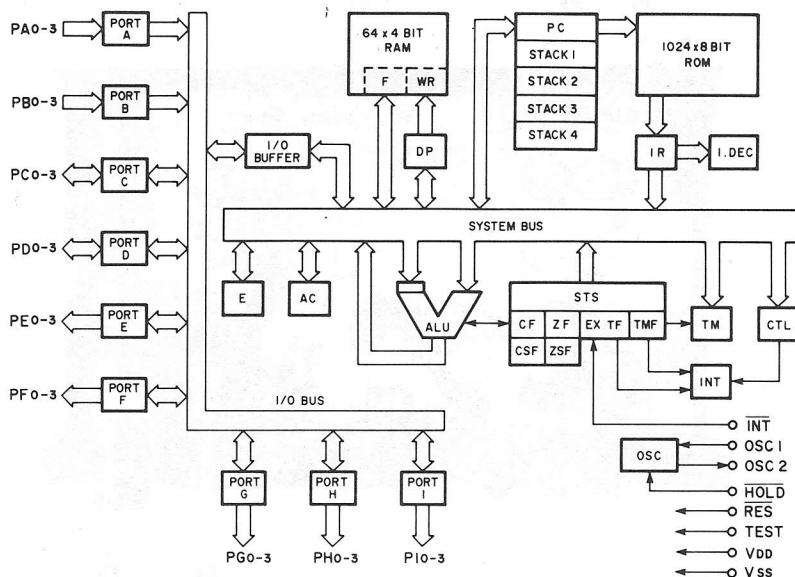
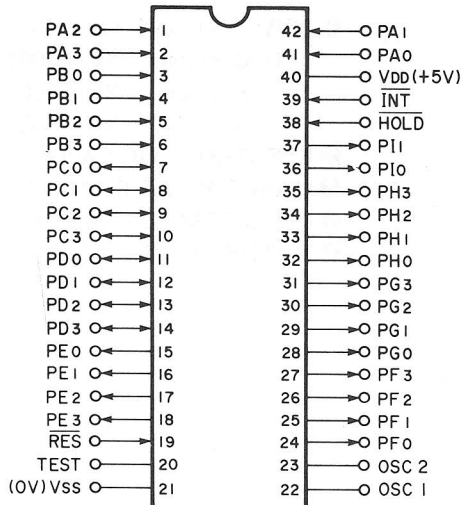


Fig. 1

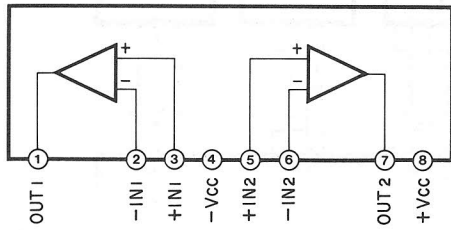
IC DATA

IC107: LC6505C-3203
4 bit μ-COM

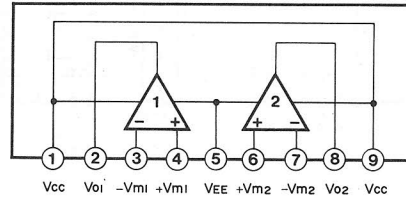


Pin No.	NAME	I/O	FUNCTION
1	PA ₂	I	Not used
2	PA ₃	I	H level
3	PB ₀	I	K ₁ } K ₂ } K ₃ } K ₄ } Key input (H: ON)
4	PB ₁	I	
5	PB ₂	I	
6	PB ₃	I	
7	PC ₀	I/O	D ₁ } D ₂ } D ₃ } Key scan signal (H: Active)
8	PC ₁	I/O	
9	PC ₂	I/O	
10	PC ₃	I/O	PLO PHONO PLAY/CUT Control signal
11	PD ₀	I/O	Not used
12	PD ₁	I/O	CD ₀ } CD ₁ } CD ₂ } CD control signal
13	PD ₂	I/O	
14	PD ₃	I/O	
15	PE ₀	O	TP ₀ } TP ₁ } TP ₂ } TP ₃ } Deck control signal
16	PE ₁	O	
17	PE ₂	O	
18	PE ₃	O	
19	RES	I	Reset input
20	TEST	-	LSI test terminal (GND)
21	V _{SS}	-	GND
22	OSC ₁	I	} μ-COM clock circuit 400kHz
23	OSC ₂	O	
24	PF ₀	O	PHONO } CD } TUNER } CDV } DAT } VCR/TAPE } Not used } Function control (H: ON, L: OFF)
25	PF ₁	O	
26	PF ₂	O	
27	PF ₃	O	
28	PG ₀	O	
29	PG ₁	O	
30	PG ₂	O	Power control signal (H: ON)
31	PG ₃	O	
32	PH ₀	O	Volume Up control signal
33	PH ₁	O	Volume Down control signal
34	PH ₂	O	TU ₂ } TU ₁ } Tuner control signal
35	PH ₃	O	
36	PI ₀	O	AMUTE Audio Muting control signal (L: Active)
37	PI ₁	O	MUTE Muting control signal (L: Active)
38	HOLD	I	μ-COM Back up control (L: Back up, H: Active)
39	INT	I	+5V
40	V _{DD}	-	+5V
41	PA ₀	I	Remote control Data input
42	PA ₁	I	Power ON/OFF back up (H: Back up, L: Ever GN)

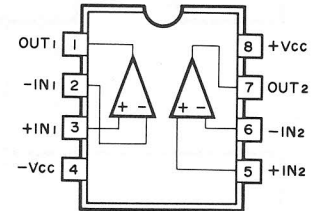
IC101, 102: M5219L
Dual Ope-Amp



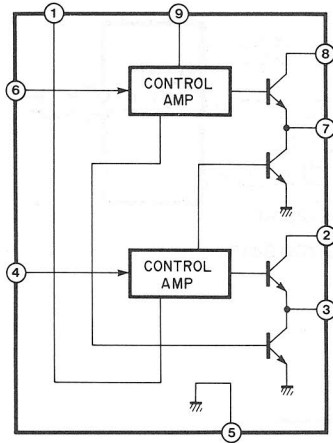
IC103: NJM5532S
IC104: NJM2043S
IC105: NJM5532SD
Dual Ope-Amp



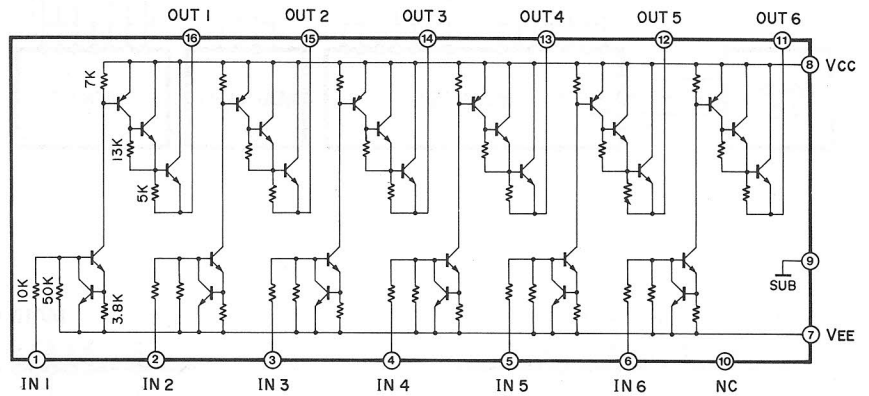
IC106: NJM5532D-D
Dual Ope-Amp



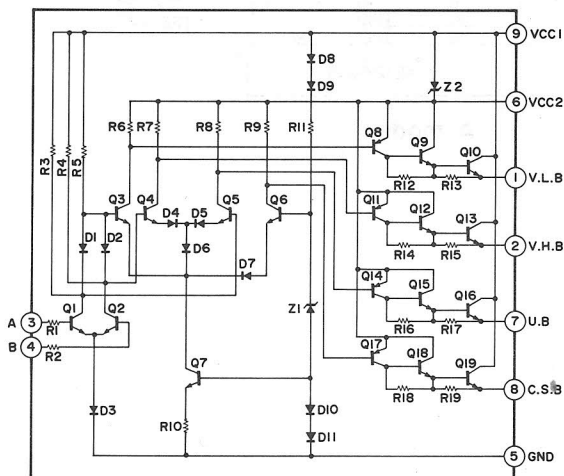
IC108: M54542
Motor Driver



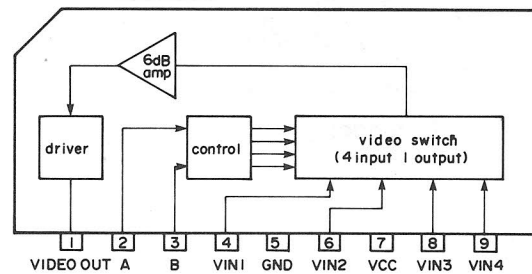
IC109: LB1294
LED Driver



IC110: LA7910
Band Switch

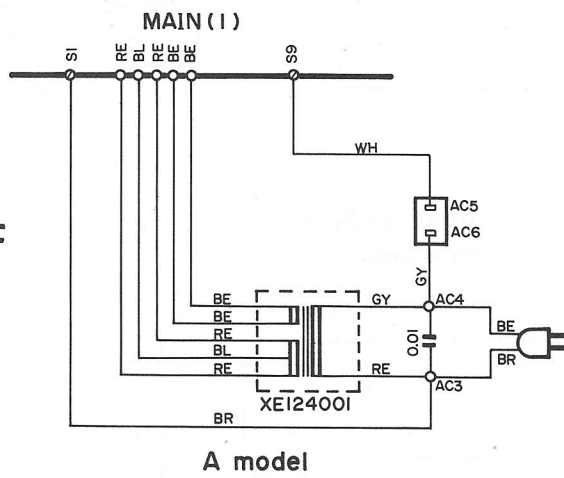
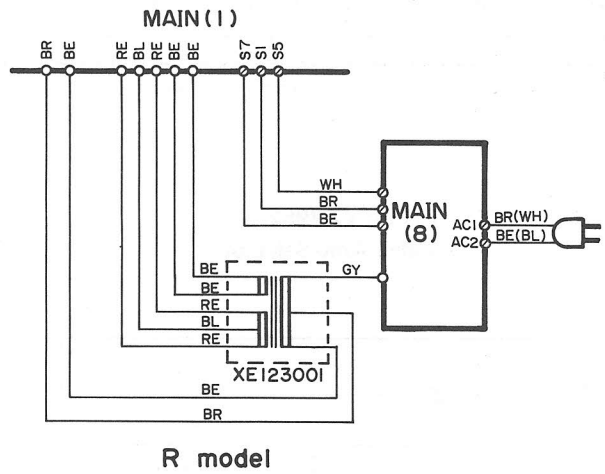
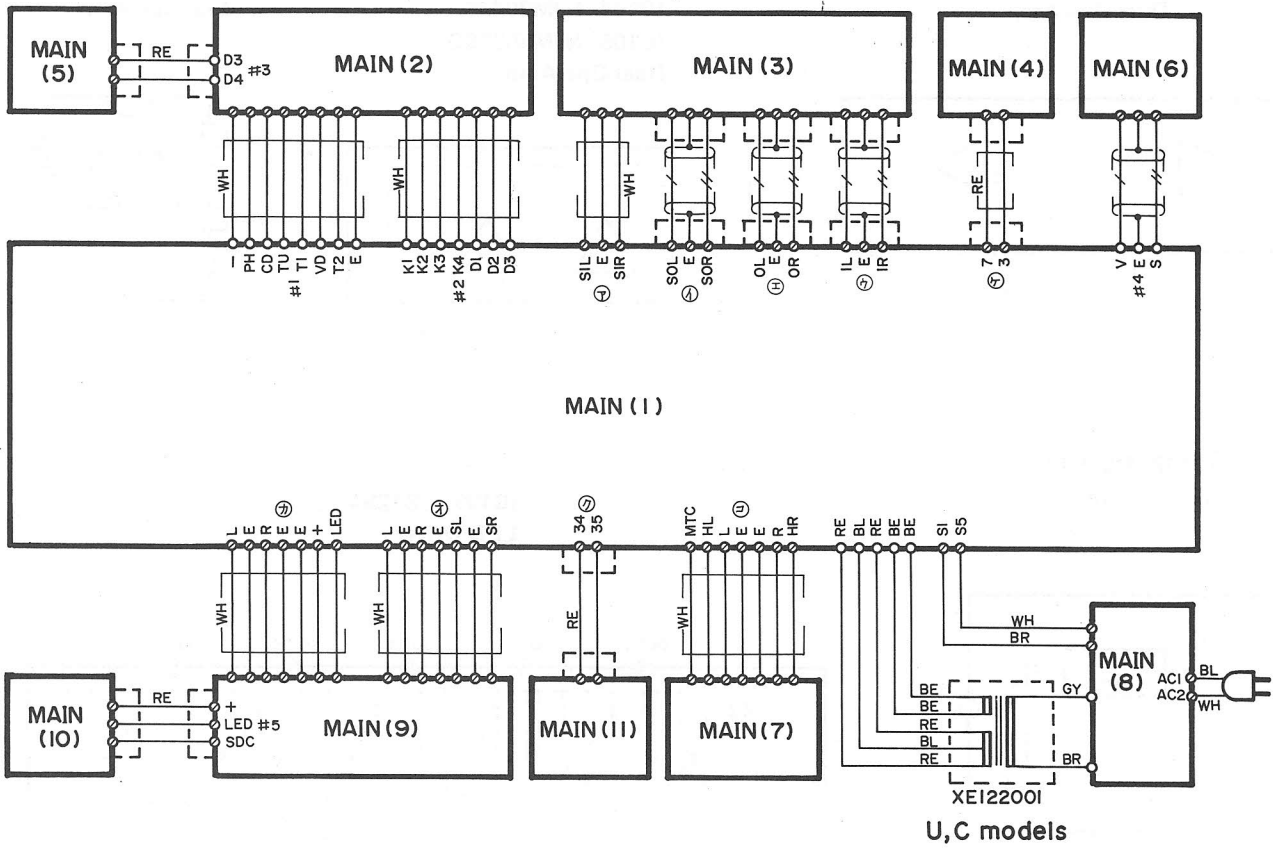


IC111: LA7952
Video Amp Selector



S2 (2 pin)	S3 (3 pin)	VIN1 (4 pin)	VIN2 (6 pin)	VIN3 (8 pin)	VIN4 (9 pin)
H	H	ON	OFF	OFF	OFF
L	H	OFF	ON	OFF	OFF
H	L	OFF	OFF	ON	OFF
L	L	OFF	OFF	OFF	ON

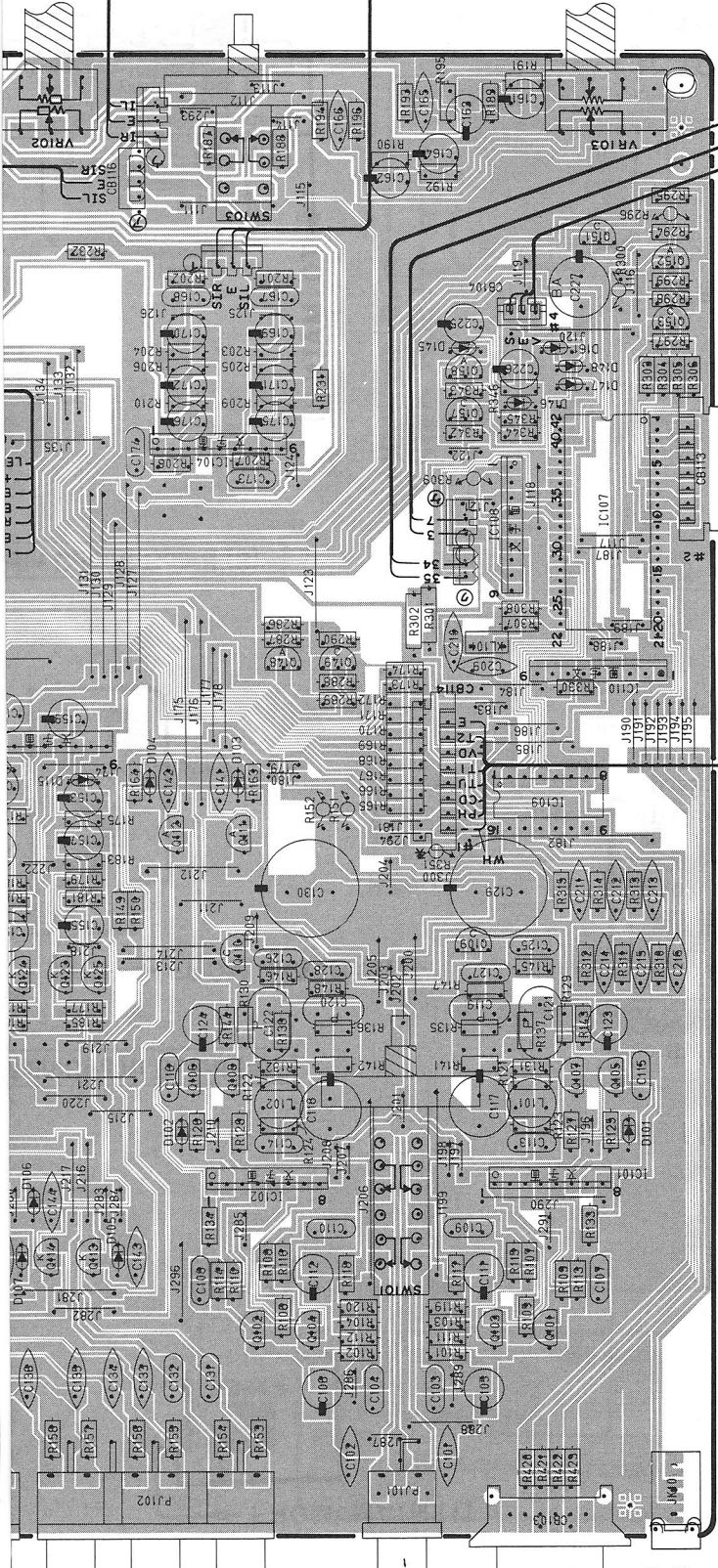
■ WIRING



PRINTED CIRCUIT BOARD (Pattern side)

(Note) 文字面 : Component side

REMOTE CONTROL TAPER TAPES PHONO INPUT CD TUNER TAPE PB R DAT



Main Circuit Board (1)

(Note) * marked

R351	U,C	R,A	4.7	SHORT
R352	1K			SHORT

SW101 PHONO
 MM MC

TO : MAIN (2)
 TO : MAIN (2)

TO : MAIN (1)
 TO : MAIN (4)
 TO : MAIN (6)

FROM : MAIN (3)
 TO : MAIN (3)

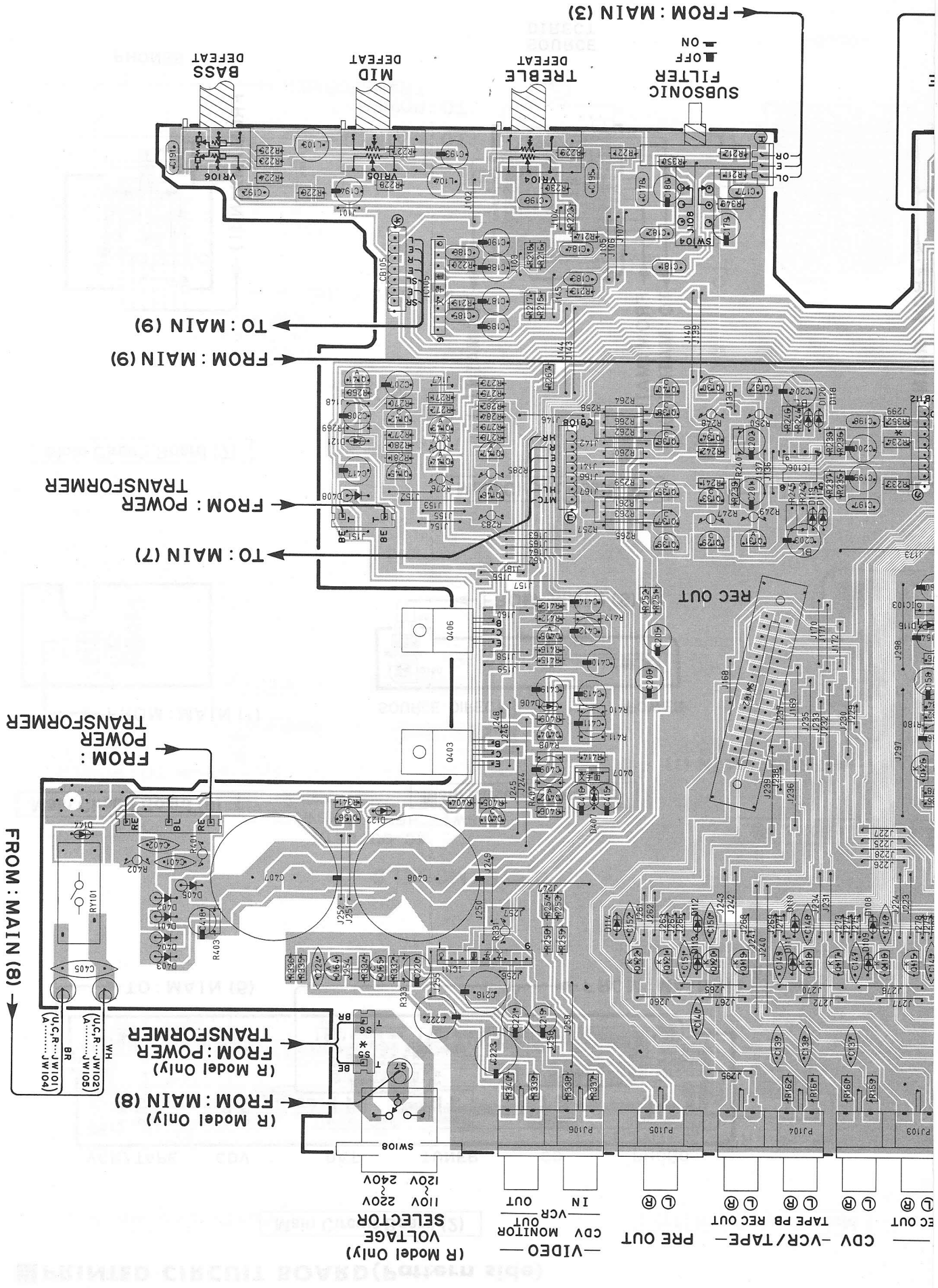
MODE MONO STEREO

LOUDNESS

BALANC R L

6
5
4
3
2
1

D C B A



CX-600/U

H

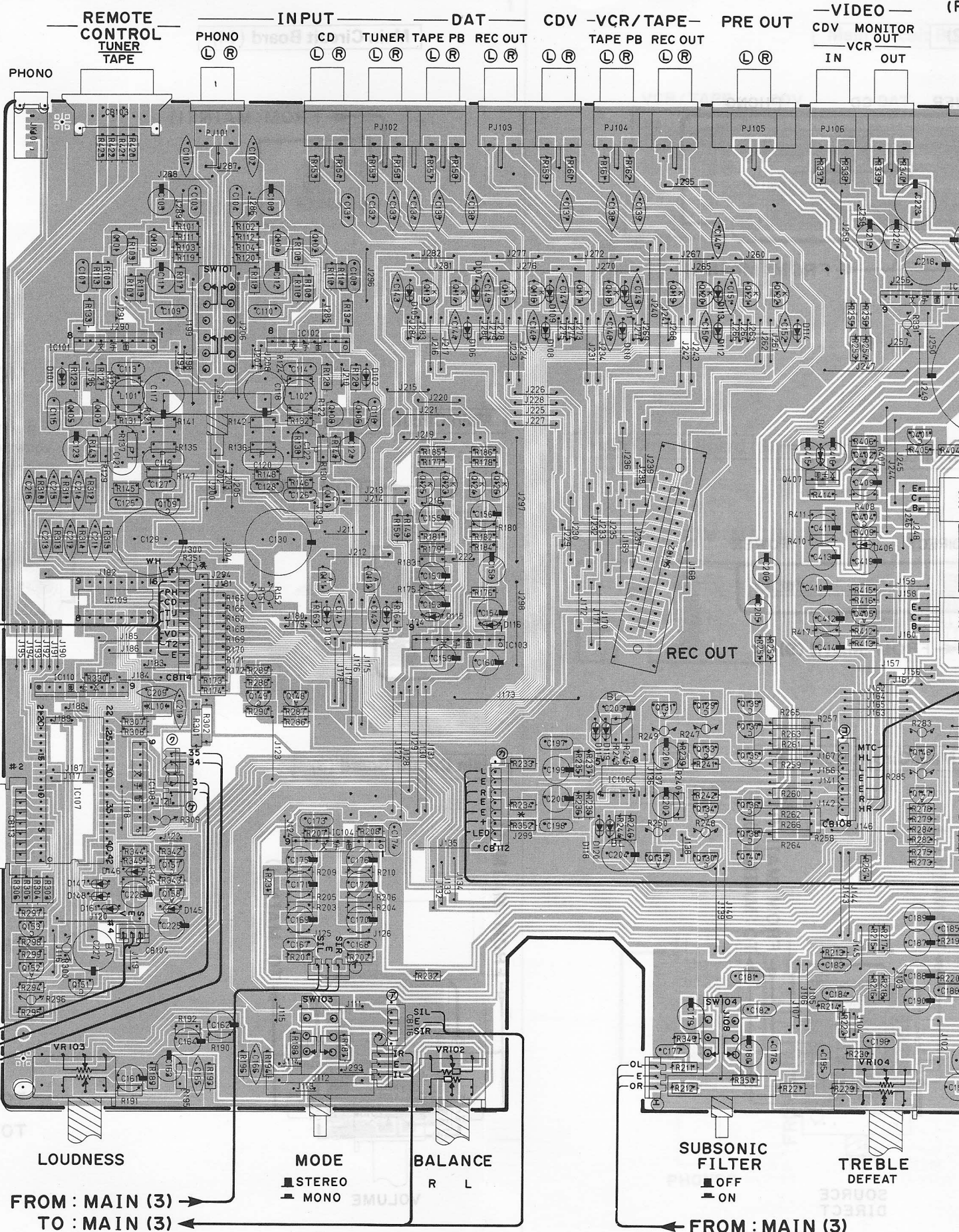
G

F

F

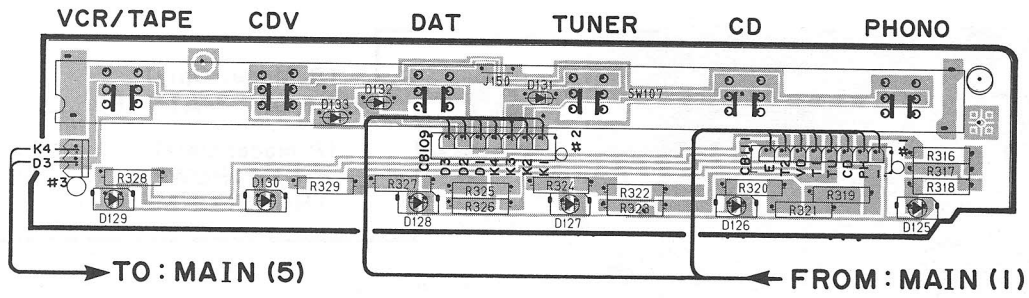
BOARD (Pattern side)

Board (1)

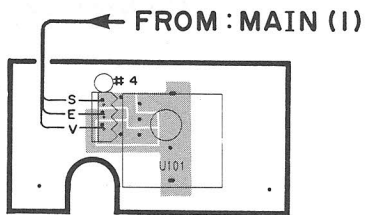


PRINTED CIRCUIT BOARD(Pattern side)

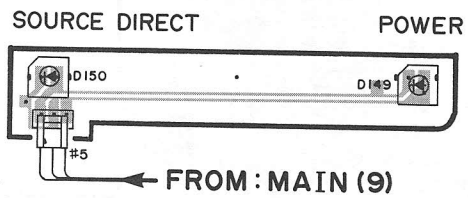
Main Circuit Board (2)



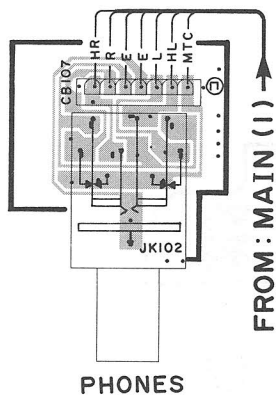
Main Circuit Board (6)



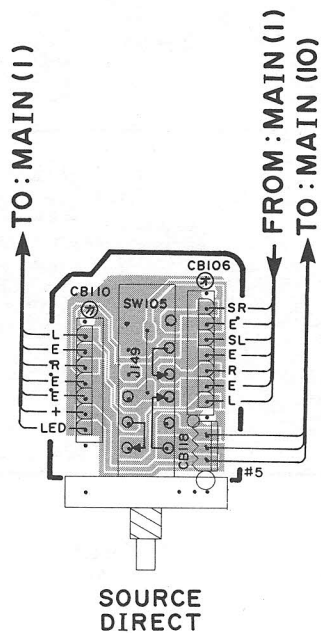
Main Circuit Board (10)



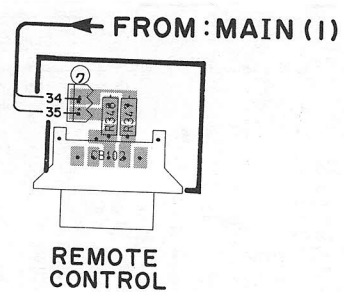
Main Circuit Board (7)



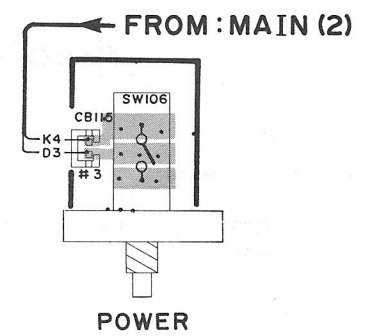
Main Circuit Board (9)



Main Circuit Board (11)

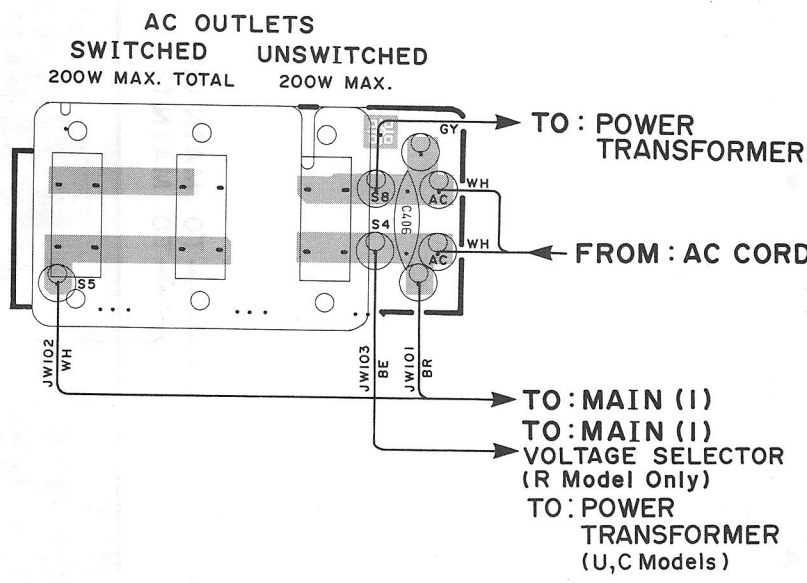
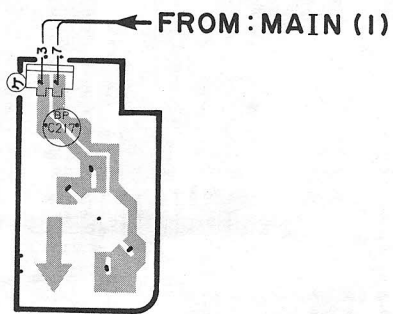


Main Circuit Board (5)

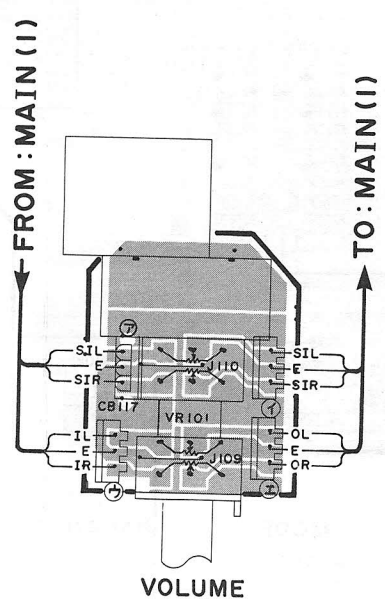


U,C,R MODELS

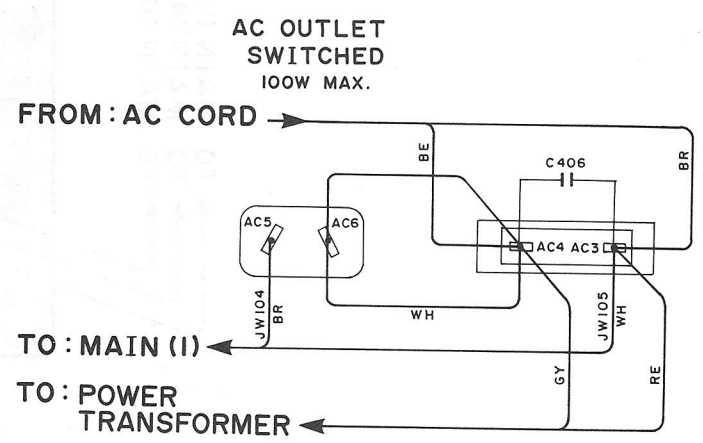
Main Circuit Board (4)



Main Circuit Board (3)



A MODEL



PARTS LIST

■WARNING

CX-600/U

Components having special characteristics are marked \triangle and must be replaced with parts having specifications equal to those originally installed.

● Carbon resistors (1/6W or 1/4W) are not included in the ELECTRICAL PARTS list. For the parts No. of the carbon resistor, refer to p. 21.

■ELECTRICAL PARTS

Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
※	NA 09 79 40	Main Circuit Board	メ イ ン シ ー ト			U,C	
※	NA 09 79 50	〃	〃			R	
※	NA 09 79 60	〃	〃			A	
	FG 21 05 00	Ceramic Cap.	セ ラ コ ン	C224			
	FG 21 21 00	〃	〃	C133~140			
	FG 21 22 20	〃	〃	C210			
	FG 21 24 70	〃	〃	C209			
	FG 21 34 70	〃	〃	C165, 166			
	FG 24 41 00	〃	〃	C101, 102, 401, 402			
	FG 24 44 70	〃	〃	C211~216			
	Fi 41 41 00	〃	〃	C405			
	Fi 41 41 00	〃	〃	C406		U,C,R	
	FZ 00 41 30	Semiconductive Ceramic Cap.	半 導 体 セ ラ コ ン	C141~152			
	FA 15 41 00	Mylar Cap.	マ イ ラ ー コ ン	C103, 104			
	FA 15 41 50	〃	〃	C127, 128			
	FA 15 43 30	〃	〃	C195, 196			
	FA 15 43 90	〃	〃	C181~184			
	FA 15 44 70	〃	〃	C125, 126			
	FA 15 51 20	〃	〃	C191, 192			
	UJ 11 91 00	Electrolytic Cap.	ケ ミ コ ン	C117, 118			
	UJ 11 81 00	〃	〃	C201, 202			
	UJ 13 84 70	〃	〃	C417			
	UJ 13 91 00	〃	〃	C218, 222, 223			
	UJ 13 71 00	〃	〃	C116, 416			
	UJ 13 73 30	〃	〃	C219~221			
	UH 01 83 30	〃	〃	C105, 106			
	UJ 11 74 70	〃	〃	C153, 154			
	UJ 14 64 70	〃	〃	C187, 188			
	UJ 14 71 00	〃	〃	C123, 159, 160, 413, 414			
	UJ 14 72 20	〃	〃	C155~158, 415			
	UJ 14 73 30	〃	〃	C419			
	UJ 14 81 00	〃	〃	C111, 112, 207, 411, 412			
	UJ 14 74 70	〃	〃	C175, 176, 189, 190, 199, 200			
	UJ 15 74 70	〃	〃	C409, 410			
	UJ 16 52 20	〃	〃	C179, 180			
	UJ 16 54 70	〃	〃	C193, 194			
	UJ 16 61 00	〃	〃	C208, 225, 418			
	UH 16 63 30	〃	〃	C163, 164			
	UJ 16 53 30	〃	〃	C161, 162			
	FZ 00 54 10	〃	ブ ラ ッ ク ゲ ー ト コ ン	C203, 204			
	VB 17 01 00	〃	バ ッ ク ア ッ プ ケ ミ コ ン	C227			
※	VE 92 78 00	〃	ブ ロ ッ ク ケ ミ コ ン	C407, 408			
	VC 78 07 00	〃	ケ ミ コ ン D U O R E X	C129, 130			
	VE 01 82 00	〃	〃	C171, 172			
	VE 01 86 00	〃	〃	C205, 206			
※	UM 05 71 00	〃	オー ディ オ ケ ミ コ ン	C169, 170			
	FM 11 61 00	〃	B P コ ン	C217			
	FU 35 14 70	Mica Cap.	マ イ カ コ ン	C167, 168, 177, 178			
	FU 35 11 80	〃	〃	C173, 174			
	UT 45 21 00	Polypropylene Film Cap.	ポ リ プ ロ コ ン	C131, 132, 185, 186, 197, 198			
	UT 45 22 20	〃	〃	C113, 114			
	UT 45 24 70	〃	〃	C115, 116			
	UT 45 31 00	〃	〃	C109, 110			

※New Parts (新規部品) NR

CX-600/U

Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
	UT 45 31 50	Polypropylene Film Cap.	1500pF 100V	ポ リ プ ロ コ ン	C107,108		
	UT 46 42 70	//	0.027μF 100V	//	C119,120		
	UT 46 51 00	//	0.1μF 100V	//	C121,122		
	GE 90 18 60	Trap Coil	47mH	ト ラ ッ プ コ イ ル	L103,104		
	VA 98 36 00	Coil	220μH	コ イ ル	L101,102		
	HJ 35 41 00	Carbon Resistor	10Ω 1/4W	カ ー ボ ン 抵 抗	R259~266		
	HJ 35 42 70	//	27Ω 1/4W	//	R301		
	HJ 35 43 30	//	33Ω 1/4W	//	R302		
	HJ 35 61 00	//	1kΩ 1/4W	//	R328,329		
	HJ 35 61 20	//	1.2kΩ 1/4W	//	R316,317,319,320,322,323,325,326		
	HJ 35 61 50	//	1.5kΩ 1/4W	//	R318,321,324,327		
	HV 45 33 90	Flame Proof Carbon Resistor	3.9Ω 1/4W	不 燃 化 カ ー ボ ン 抵 抗	R401,402		
	HV 45 34 70	//	4.7Ω 1/4W	//	R351	U,C	
	HV 45 41 00	//	10Ω 1/4W	//	R309		
	HV 45 42 20	//	22Ω 1/4W	//	R151,152		
	HV 45 43 30	//	33Ω 1/4W	//	R247~250,331		
	HV 45 43 90	//	39Ω 1/4W	//	R300		
	HV 45 51 00	//	100Ω 1/4W	//	R274,276,283,285		
	HV 45 51 50	//	150Ω 1/4W	//	R296		
	HL 32 48 20	Metal Oxide Film Resistor	82Ω 2W	酸 金 抵 抗	R257,258		
	VA 98 48 00	Potentiometer	20k特×2	可 変 抵 抗 器	VR104,105		
	VA 98 49 00	//	16k特×2	//	VR106		
※	VE 85 46 00	//	30kMN×2	//	VR102		
※	VE 85 48 00	//	30k特×2	//	VR103		
※	VE 79 20 00	//	600kY×4	モ ー タ ー 付 可 変 抵 抗 器	VR101		
	iA 09 34 00	Transistor	2SA934	ト ラ ン ジ ス タ ー	Q152		
	iA 09 70 00	//	2SA970(GR,BL)	//	Q405		
	iA 10 15 21	//	2SA1015(Y)	//	Q141,143,144,146~148,154,158,402		
	iB 05 60 00	//	2SB560	//	Q131,132		
	iC 18 15 20	//	2SC1815	//	Q142,145,149,151,153,155~157,401		
	iC 22 40 00	//	2SC2240(GR,BL)	//	Q404		
	iX 60 42 00	//	2SC2878(A,B)	//	Q109,110,133~140		
	iD 04 38 00	//	2SD438	//	Q129,130		
	iD 07 86 00	//	2SD786(Q,R,S)	//	Q101~104		
※	iD 12 75 10	//	2SD1275	//	Q403		
※	iB 09 49 10	//	2SB949	//	Q406		
	VC 40 79 00	//	2SD1913	//	Q407		
	iE 10 12 00	FET	2SK105(F,H)	F E T	Q111~122		
	iE 10 24 80	//	2SK170(GR,BL)	//	Q105~108		
	iE 10 35 10	//	2SK128(R,Q)	//	Q123~126		
	iG 09 21 00	IC	M5219L	I C	IC101,102		
	iG 08 02 00	//	NJM2043S	//	IC104		
	XA 42 60 01	//	NJM5532S	//	IC103		
	XA 67 30 01	//	NJM5532D-D	//	IC106		
	XC 63 20 01	//	NJM5532SD	//	IC105		
	XD 52 40 01	//	LA7952	//	IC111		
	iG 05 49 00	//	M54542	//	IC108		
	XA 54 90 01	//	LB1294	//	IC109		

※New Parts (新規部品) NR

Ref. No.	Part No.	Description	部 品 名		Remarks	Common Model	Markets	ランク
	XB 91 70 01	IC	LC6505C-3203	I C	IC107			
	XB 93 00 01	//	LA7910	//	IC110			
	iF 00 34 50	Diode	ISS133	ダイオード	D101~120,122,131~133,144,146~148,161			
	iH 00 14 30	//	ISR35-100A	//	D401~405,408			
	iF 00 88 70	Zener Diode	MTZ12C	ツェナーダイオード	D407			
	iF 01 71 00	//	MTZ5.6A	//	D145			
	iF 01 07 40	//	MTZ6.2B	//	D406			
	iF 00 88 00	//	MTZ3.6A	//	D121			
	iF 00 44 40	LED (Red)	SLV-56URC3H	L E D	D149,150			
	iF 00 87 30	//	SLR-34URC3H3	//	D125~128			
	iF 00 87 40	LED (Green)	SLR-34MC3H3	//	D129,130			
	KA 80 51 10	Push Switch	SUN2-2NS	プッシュスイッチ	SW103,104			
	VA 98 38 00	//	SUN4-2NS	//	SW101			
※	VE 78 81 00	//	SPUN4-2NS	//	SW105			
※	VE 78 80 00	//	SUN2-2NS	//	SW106			
※	VE 78 82 00	//		//	SW107			
※	VE 78 79 00	Rotary Switch		リモートロータリースイッチ	SW102			
	LA 00 58 10	Voltage Selector		電圧切換器	SW108		R	△
	VD 50 60 00	Relay	DG12D1-0(M)	リレー	RY101			
	LB 20 26 10	Pin Jack	2P	ピンジャック	PJ105			
	LB 20 29 00	//	2P	//	PJ101			
	LB 40 12 90	//	4P	//	PJ103,104			
	VA 98 43 00	//	6P	//	PJ102			
※	VE 77 67 00	//	4P	//	PJ106			
	LB 10 07 30	Mini Jack	S-G 8036	ミニジャック	JK101			
	VA 98 45 00	Headphone Jack		ヘッドホンジャック	JK102			
	GG 00 07 00	Ceramic Resonator	FCR-400K	セラミック振動子	XL101			
	LB 50 07 10	ST Connector	5P	S T コネクター	CB102			
	LB 60 83 90	//	6P	//	CB103			
	VD 00 45 00	Base Pin	2P i-Type	P H ベースピン	CB115			
	VD 00 46 00	//	3P i-Type	//	CB104,118			
	VA 72 57 00	Wire Holder	7P	パラレルホルダー	CB105~109,110			
	VA 72 57 00	//	7P	//	CB112		U,C	
	VA 72 58 00	//	8P	//	CB111			
	VA 72 53 00	//	3P	//	CB116,117			
	VB 22 96 00	Wire Trap	7P	ワイヤートラップ	CB113			
	VB 22 96 00	//	7P	//	CB112		R,A	
	VB 22 98 00	//	8P	//	CB114			
	LA 00 21 40	Lapping Terminal	P=10 2P i-Type	i型ラッピング端子板				
	LA 00 21 50	//	P=10 3P i-Type	//				
	LB 60 81 60	AC Outlet		A C アウトレット			U,C,R	△

※New Parts (新規部品) NR

MECHANISM PARTS

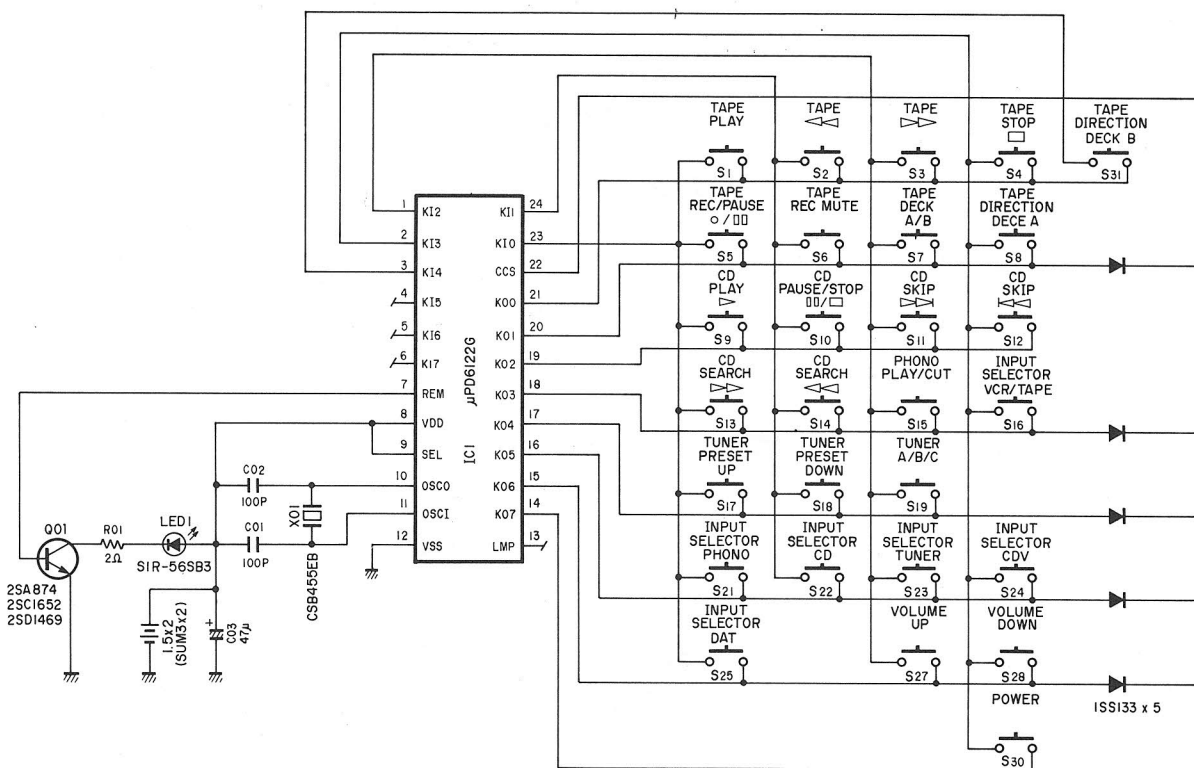
Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
※ 1	VE 91 51 00	Panel Unit		パネルユニット	CX-600U	U,C	
※ //	VE 91 53 00	//		//	CX-600	R,A	
※ 2	NA 09 79 40	Main Circuit Board		メインシ-、ト		U,C	
※ //	NA 09 79 50	//		//		R	
※ //	NA 09 79 60	//		//		A	
3	CB 62 01 90	Cord Stopper	CM-22B	コードストッパー		R,A	
//	CB 62 02 00	//	CM-22C	//		U,C	
※ 4	XE 12 20 01	Power Transformer		電源トランス		U,C	△
※ //	XE 12 30 01	//		//		R	△
※ //	XE 12 40 01	//		//		A	△
5	VD 61 41 00	Terminal Plate	2P	中継端子台		A	
6	MG 00 23 10	Power Cord	7.5A 250V 2m	電源コード		A	△
//	MG 00 16 30	//	6A 250V 2m	//		R	△
//	MG 00 22 20	//	10A 125V 1.98m	//		U,C	△
7	LB 10 01 80	Short Plug		ショートプラグ			
8	VC 62 61 00	AC Outlet	2P	A C アウトレット		A	△
※ 9	VE 91 30 00	Remote Rotary Actuator		リモートスイッチ操作部			
10	Fi 41 41 00	Ceramic Cap.	0.01μF 250V	セラコン		A	△
11	AA 62 93 10	Top Cover		トップカバー	C-45		
12	AA 62 92 90	Bottom Cover		ボトムカバー	//		
※ 13	VE 70 73 00	Power Switch Support		パワースイッチサポート			
※ 14	VF 64 17 00	Motor VR Support		モーターツキVRサポート			
※ 15	VE 70 65 00	Rear Panel		リヤパネル		R	
※ //	VE 70 66 00	//		//		U,C	
※ //	VE 70 67 00	//		//		A	
16	CB 63 29 00	Button		ボ タ ン	PHONO, MODE, SUBSONIC FILTER	TX-505	
17	VE 70 80 00	Knob		ツ マ ミ	BASS, TREBLE, BALANCE, LOUDNESS		
18	CB 63 42 70	//		//	REC OUT	K-720	
19	VE 70 82 00	//		//	VOLUME		
20	VE 70 75 00	Button		ボ タ ン	POWER		
21	VE 70 76 00	//		//	SOURCE DIRECT		
22	CB 65 13 40	Rod		ロ ッ ド		C-45	
23	NB 62 01 40	Leg Ass'y		レ ッ グ Ass'y		C-80	
24	CB 65 19 90	Damper		ダ ン パ ー		C-45	
※ 25	VF 64 16 00	Damper, Transformer		ダンパートランス			
26	CB 60 92 60	Plastic Rivet		プラスチックリベット		R	
27	CB 06 88 80	//		//			
28	Ei 33 00 66	Binding Head Tapping Screw	3×6 FCRM3-BI	バインドタッピングネジ	PACK		
29	EB 33 00 66	Flat Head Screw	3×6 FCRM3-BI	皿 小 ネ ジ	PACK		
30	Ei 33 00 86	Binding Head Tapping Screw	3×8 FCRM3-BI	バインドタッピングネジ	PACK		
31	EV 41 30 36	Toothed Lock Washer	φ3 FCRM3-BI	内 歯 付 座 金	PACK		
32	ED 33 00 66	Binding Head Screw	3×6 FCRM3-BI	バインド小ネジ	PACK		
33	Ei 34 08 06	Binding Head Tapping Screw	4×8 FCRM3-BI	バインドタッピングネジ	PACK		
34	EK 36 50 90	BW Head Screw	4×8(φ10)ZMC2-BI	ブレザー小ネジ			
35	EK 33 50 10	BW Head Tapping Screw	3×6(φ8)FCRM3-BI	BWヘッドタッピングネジ			
36	EX 60 02 40	//	3×8(φ10)FCRM3-BI	//			
37	AA 62 73 10	Ground Terminal	3×13 STG	G N D タ ー ミ ナ ル			
38	EV 90 13 60	Toothed Lock Washer	φ3×φ10×0.8FNM3-3g	セ ム ス 平 座 金			
※ 39	VF 64 17 00	Support, MVR		サ ポ ー ト M V R			
	CB 06 92 51	Binding Tie	BK-1	インシュロックタイ	PACK		

※ New Parts (新規部品) NR

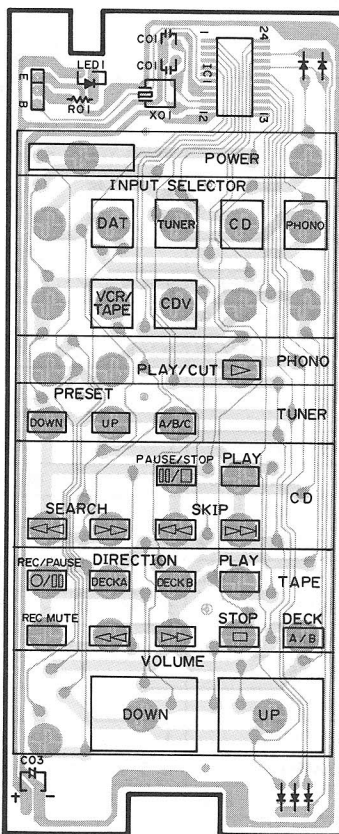
RS-CX600 REMOTE CONTROL TRANSMITTER

CX-600/U

■ SCHEMATIC DIAGRAM

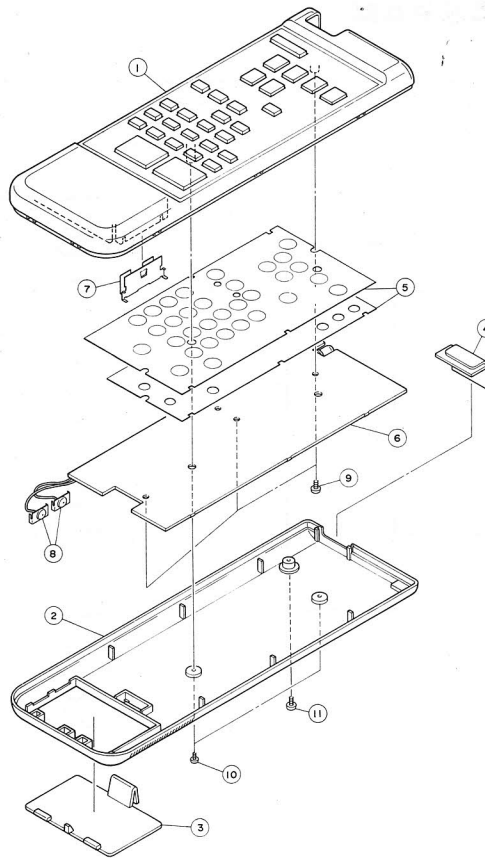


■ PRINTED CIRCUIT BOARD



CX-600/U

EXPLODED VIEW (RS-CX600)



Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
※	VE 26 19 00	Remote Control Transmitter	RS-CX600	リモートコントロールトランスミッター			
※	1	CX 60 40 00 Case (A) Ass'y	ケ ー ス (A)	LH-101-63CFMF			
※	2	CX 60 41 00 Case (B)	// (B)	LH-101-63CB			
	3	CX 60 42 00 Battery Cover	電 池 蓋	LH-101-63CD			
	4	CX 60 20 10 Filter	フ ィ ル タ ー	LH-101-FT			
※	5	KX 60 11 80 Membrane Switch Unit	メンブレンスイッチユニット	FB-LM-101-63			
※	6	NX 60 22 30 P.C. Board Ass'y	基 板 Ass'y	BP-LH101-Ass'y-63			
	7	LX 60 08 30 Dry Cell Terminal (A)	電 池 接 片 (A)	DT-LH-101-FNB			
	8	LX 60 08 40 // (C)	// (C)	DT-LH-101-FNA			
	9	EX 60 04 00 Pan Head Tapping Screw	2×4 ZMC2-BI ナベタッピングネジ				
	10	EJ 32 00 36 //	2×3 FCRM3-BI //	PACK			
	11	Ei 32 60 66 Binding Head Tapping Screw	2.6×6 ZMC2-BI ハンドタッピングネジ	PACK			
		P.C. Board Ass'y	基 板 Ass'y				
	iX 61 10 70	LED	SiR-56SB3	L E D LED01			
	HF 85 31 00	Carbon Resistor	1Ω 1/6W	カ ー ボ ン 抵 抗	R01,02		
	HF 85 61 00	//	1kΩ 1/6W	//	R05		
	HF 85 54 70	//	470Ω 1/6W	//	R06		
	HF 85 62 20	//	2.2kΩ 1/6W	//	R03,04		
	iF 00 34 50	Diode	ISS133	ダ イ オ ー ド	D01~09		
	iX 61 10 80	Transistor	2SD1469	ト ラ ン ジ ス タ	Q01,02		
	iX 60 36 10	//	2SC1652	//	Q03		
	iX 60 38 80	//	2SA874R	//	Q04		
	iX 61 16 30	IC	μPD6122G	I C IC01,02			
	QX 60 00 20	Ceramic Resonator	CSB455EB	セ ラ ミ ッ ク 発 振 器	X01,02		
	UJ 11 74 70	Electrolytic Cap.	47μF 6.3V	ケ ミ コ ン	C05		
	FG 21 21 00	Ceramic Cap.	100pF 50V	セ ラ コ ン	C01~04		

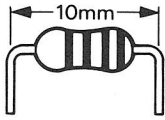
※New Parts (新規部品) NR

Parts List for Carbon Resistor

Value	1/4W Type Part No.	1/6W Type Part No.	Value	1/4W Type Part No.	1/6W Type Part No.
1.0 Ω	HJ353100	HF85 3100	12K Ω	HJ35 7120	HF85 7120
1.8 "	HJ353180	※	15 "	HJ35 7150	HF85 7150
2.2 "	HJ353220	HF853220	18 "	HJ35 7180	HF85 7180
3.3 "	HJ353330	HF853330	22 "	HJ35 7220	HF85 7220
4.7 "	HJ353470	HF853470	27 "	HJ35 7270	HF85 7270
5.6 "	HJ353560	HF853560	33 "	HJ35 7330	HF85 7330
10 "	HJ354100	HF854100	39 "	HJ35 7390	HF85 7390
15 "	HJ354150	HF854150	47 "	HJ35 7470	HF85 7470
22 "	HJ354220	HF854220	56 "	HJ35 7560	HF85 7560
27 "	HJ354270	HF854270	68 "	HJ35 7680	HF85 7680
33 "	HJ354330	HF854330	82 "	HJ35 7820	HF85 7820
39 "	HJ354390	HF854390	91 "	HJ35 7910	HF85 7910
47 "	HJ354470	HF854470	100 "	HJ35 8100	HF85 8100
56 "	HJ354560	HF854560	120 "	HJ35 8120	HF85 8120
68 "	HJ354680	HF854680	150 "	HJ35 8150	HF85 8150
82 "	HJ354820	HF854820	180 "	HJ35 8180	HF85 8180
100 "	HJ355100	HF855100	220 "	HJ35 8220	HF85 8220
110 "	HJ355110	HF855110	270 "	HJ35 8270	HF85 8270
120 "	HJ355120	HF855120	330 "	HJ35 8330	HF85 8330
150 "	HJ355150	HF855150	390 "	HJ35 8390	HF85 8390
160 "	HJ355160	※	470 "	HJ35 8470	HF85 8470
180 "	HJ355180	HF855180	560 "	HJ35 8560	HF85 8560
220 "	HJ355220	HF855220	680 "	HJ35 8680	HF85 8680
270 "	HJ355270	HF855270	820 "	HJ35 8820	HF85 8820
330 "	HJ355330	HF855330	1.0M Ω	HJ35 9100	HF85 9100
390 "	HJ355390	HF855390	1.2 "	HJ35 9120	※
470 "	HJ355470	HF855470	1.5 "	HJ35 9150	HF85 9150
510 "	※	HF855510	1.8 "	HJ35 9180	HF85 9180
560 "	HJ355560	HF855560	2.2 "	HJ35 9220	HF85 9220
680 "	HJ355680	HF855680	3.3 "	HJ35 9330	HF85 9330
820 "	HJ355820	HF855820	3.9 "	HJ35 9390	※
910 "	HJ355910	HF855910	4.7 "	HJ35 9470	HF85 9470
1.0K Ω	HJ35 6100	HF85 6100			
1.2 "	HJ35 6120	HF85 6120			
1.5 "	HJ35 6150	HF85 6150			
1.8 "	HJ35 6180	HF85 6180			
2.0 "	HJ35 6200	HF85 6200			
2.2 "	HJ35 6220	HF85 6220			
2.4 "	HJ35 6240	HF85 6240			
2.7 "	HJ35 6270	HF85 6270			
3.0 "	HJ35 6300	HF85 6300			
3.3 "	HJ35 6330	HF85 6330			
3.6 "	HJ35 6360	HF85 6360			
3.9 "	HJ35 6390	HF85 6390			
4.7 "	HJ35 6470	HF85 6470			
5.1 "	HJ35 6510	HF85 6510			
5.6 "	HJ35 6560	HF85 6560			
6.8 "	HJ35 6680	HF85 6680			
8.2 "	HJ35 6820	HF85 6820			
9.1 "	HJ35 6910	HF85 6910			
10 "	HJ35 7100	HF85 7100			

1/4W Type

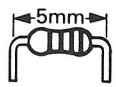
HJ35○○○○



10mm

1/6W Type

HF85○○○○



5mm

CX-600/U

YAMAHA

CX-600/U
