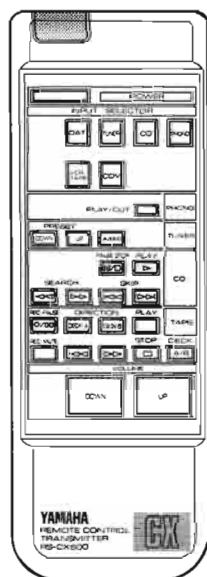
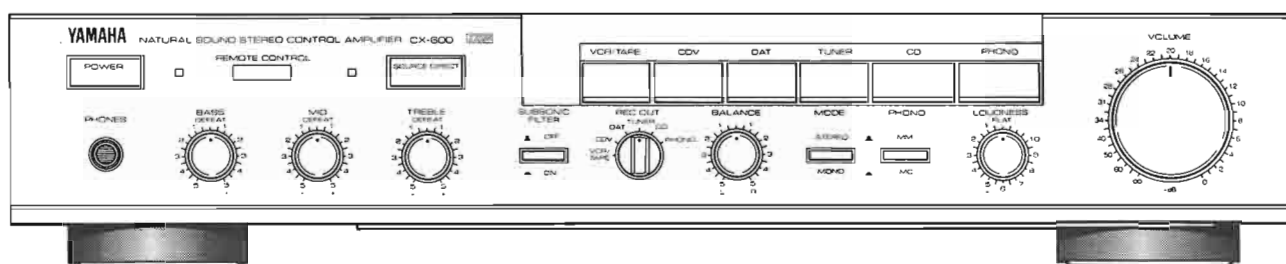


STEREO CONTROL AMPLIFIER CX-600/U

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.

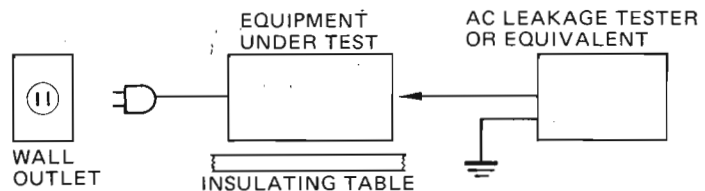
CONTENTS

TO SERVICE PERSONNEL	1
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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 $0.15\mu\text{F}$.
 - Leakage current must not exceed 0.5mA.
 - Be sure to test for leakage with the AC plug in both polarities.

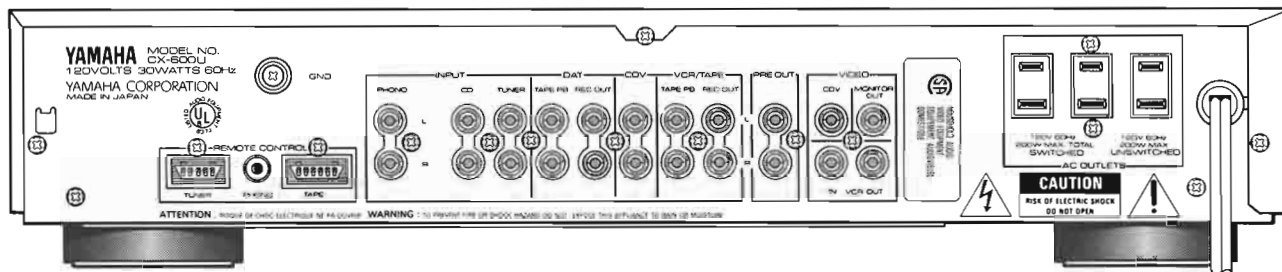


• POLARIZATION (U, C models only)

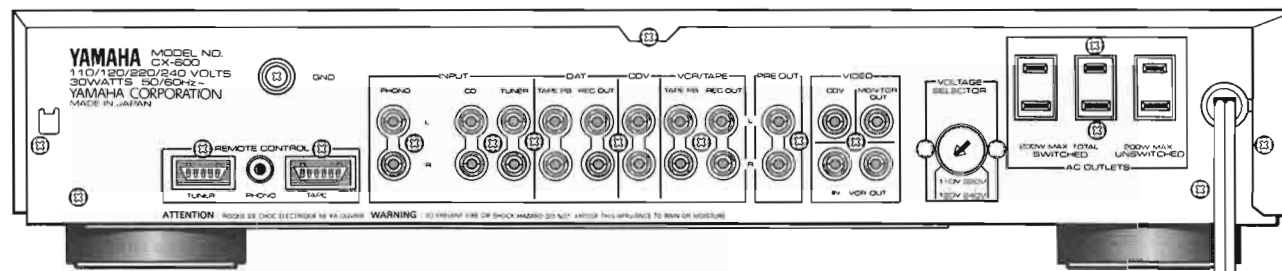
This amplifier product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature.

REAR PANELS

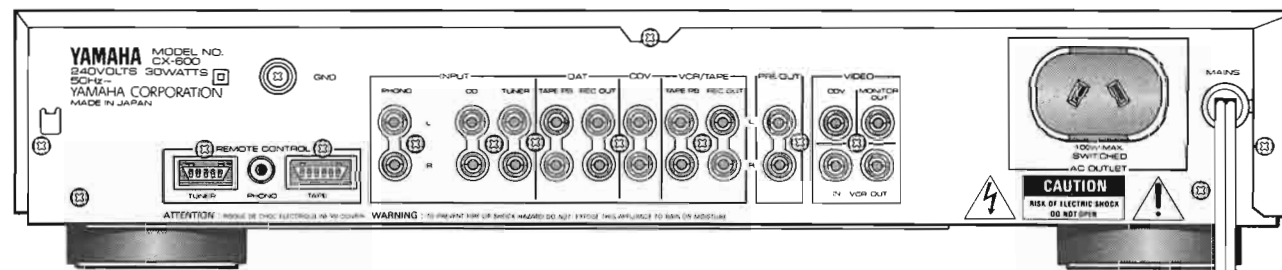
▼ U.S.A. & Canadian models



▼ General model



▼ Australian model



SPECIFICATIONS

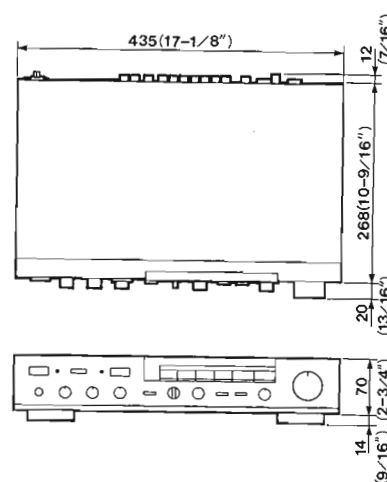
Input Sensitivity/Impedance		
Phono MC	100 μ V/100 Ω	
Phono MM	2.5mV/47k Ω	
CD etc	150mV/47k Ω	
Input Sensitivity (New IHF)		
Phono MC	33 μ V	
Phono MM	0.83mV	
CD etc	50mV	
Maximum Input Signal (1kHz)		
Phono MC 0.03% THD	7mV	
Phono MM 0.01% THD	170mV	
Output Level/Impedance		
Rec Out	150mV/330 Ω	
Pre 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	1Vp-p/75 Ω	

Video Output Sensitivity/Impedance	
Monitor Out, VCR Out	1Vp-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.

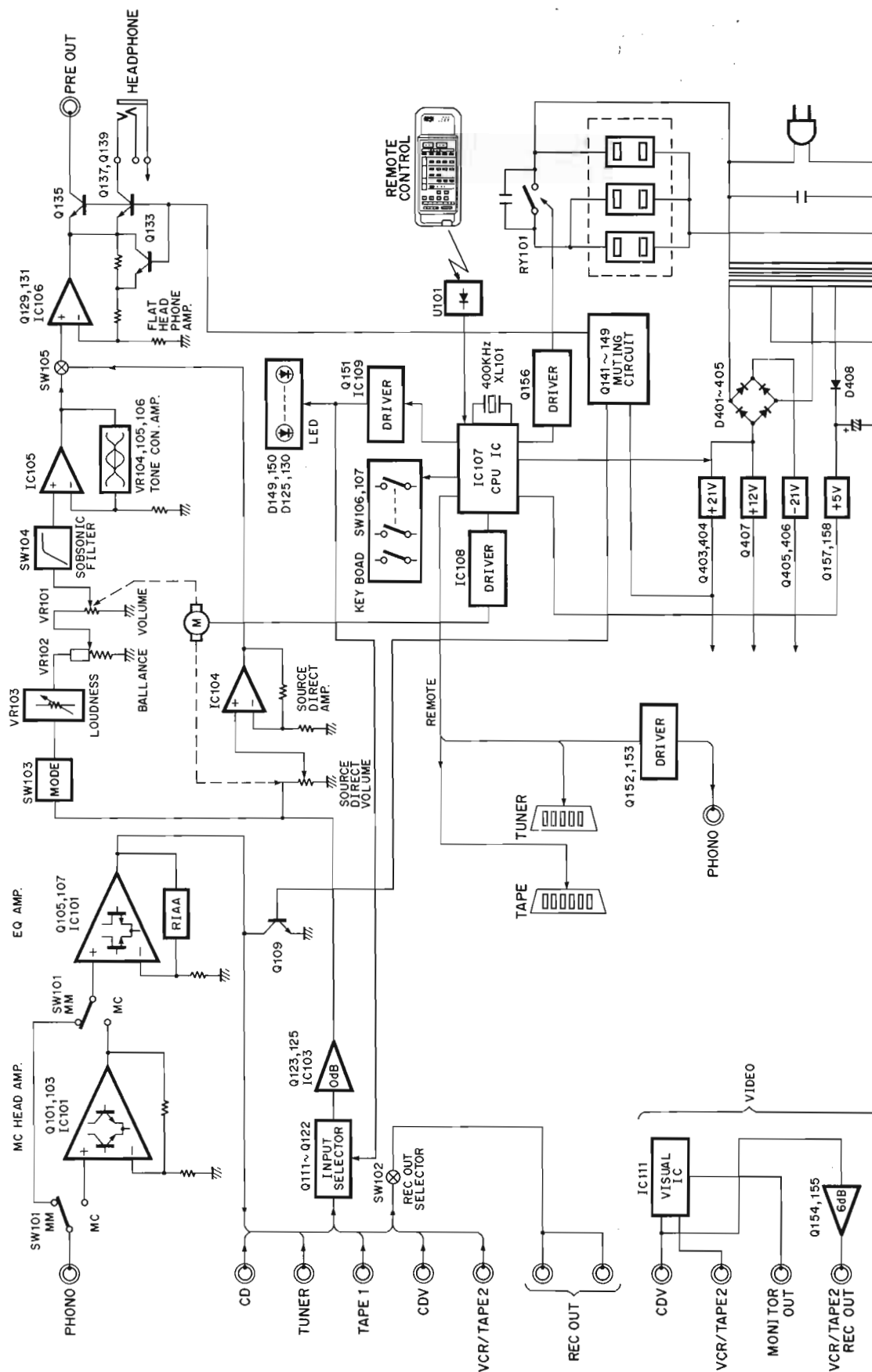
(U) U.S.A. Model
(C) Canadian Model
(A) Australian Model
(R) General Model

• Dimensions

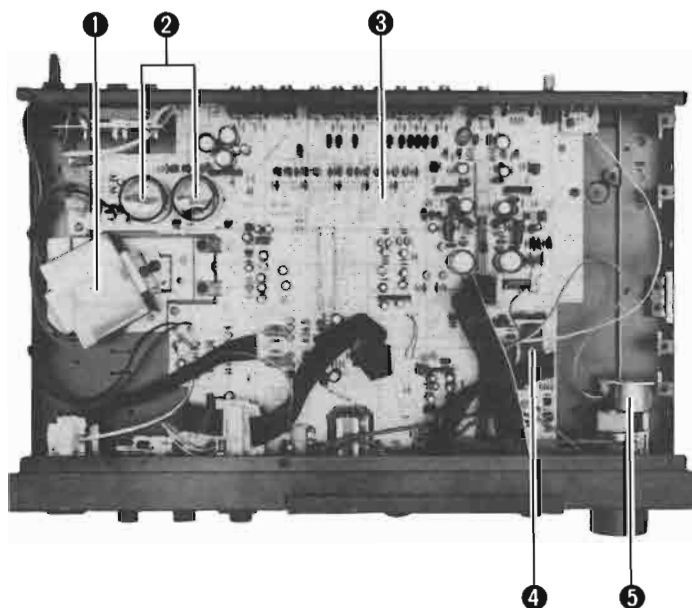


Unit: mm (inch)

BLOCK DIAGRAM



INTERNAL VIEW



- ❶ POWER TRANSFORMER
U, C models : XE122001
R model : XE123001
A model : XE124001
- ❷ ELECTROLYTIC CAP.
- ❸ MAIN CIRCUIT BOARD (1)
- ❹ 4 bit μ -COM : LC6505C-3023
- ❺ MOTOR VOLUME

DISASSEMBLY PROCEDURES

1. Removal of Top Cover

Remove 6 screws (❶) in Fig. 1. and slide the Top Cover back.

2. Removal of Front Panel

Remove 6 screws (❷) in Fig. 1.

3. Removal of Bottom Cover

Remove 7 screws (❸) in Fig. 1.

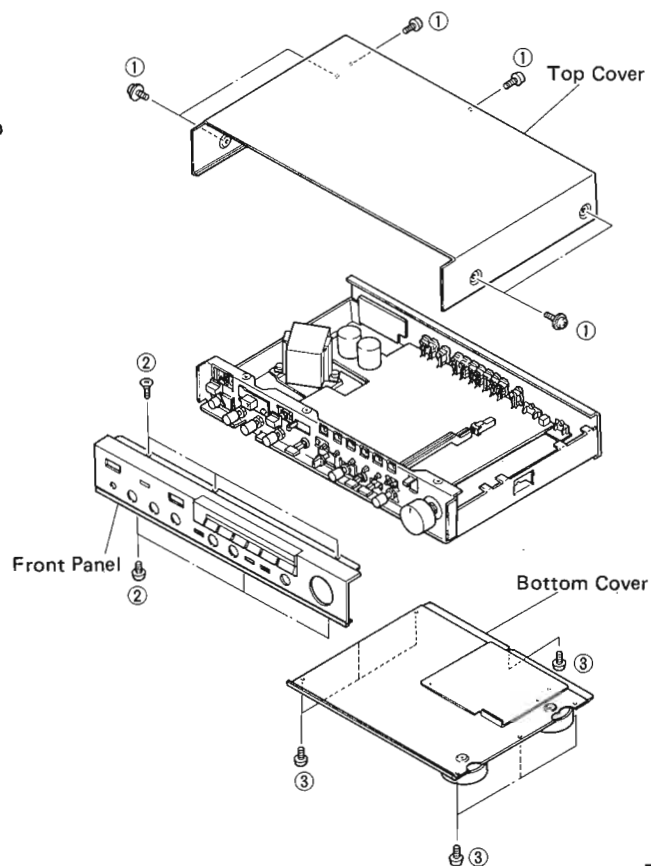
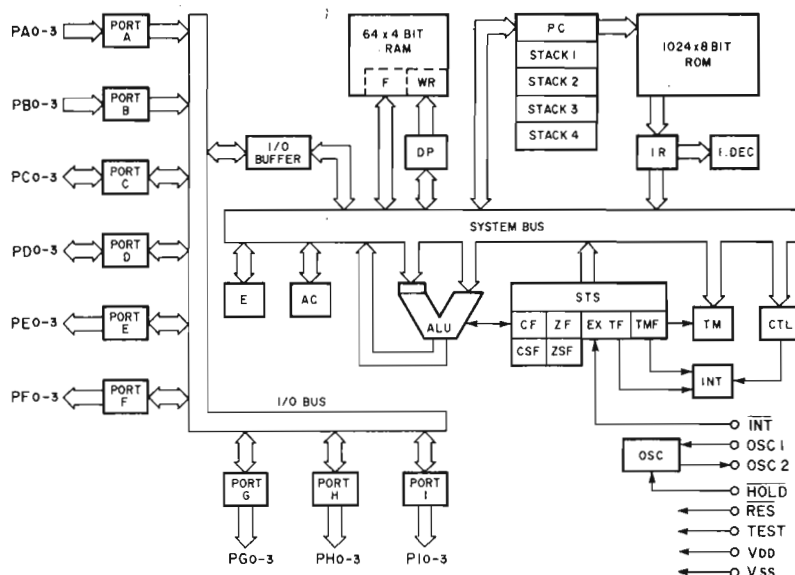
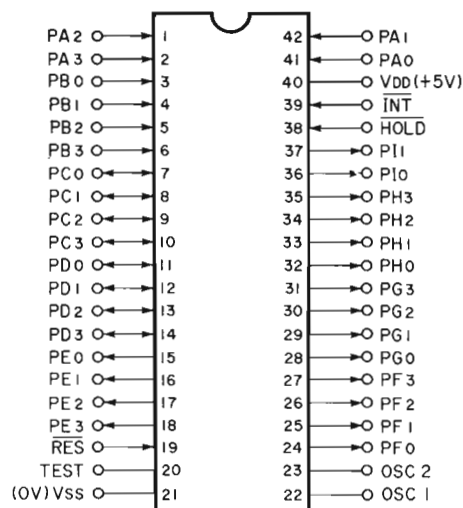


Fig. 1

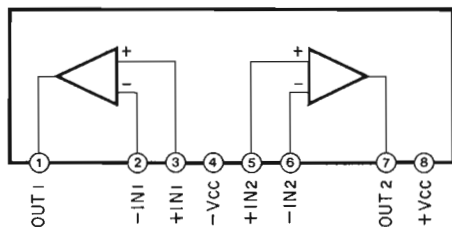
IC DATA

IC107: LC6505C-3203

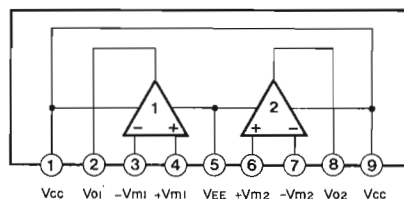
4 bit μ -COM

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	VSS	—	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	VDD	—	+5V
41	PA ₀	I	Remote control Data input
42	PA ₁	I	Power ON/OFF back up (H: Back up, L: Ever ON)

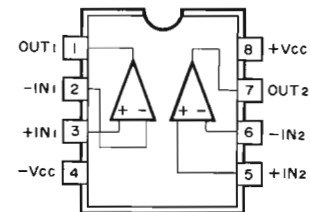
IC101, 102: M5219L
Dual Ope-Amp



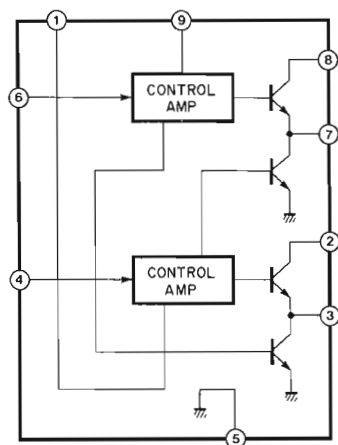
IC103: NJM5532S
IC104: NJM2043S
IC105: NJM5532SD
Dual Ope-Amp



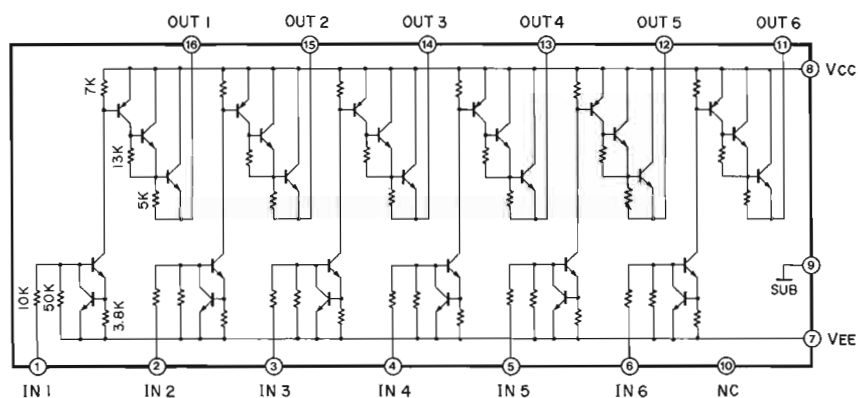
IC106: NJM5532D-D
Dual Ope-Amp



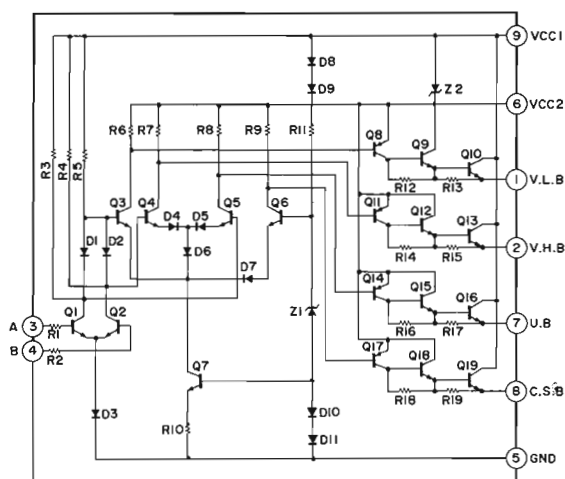
IC108: M54542
Motor Driver



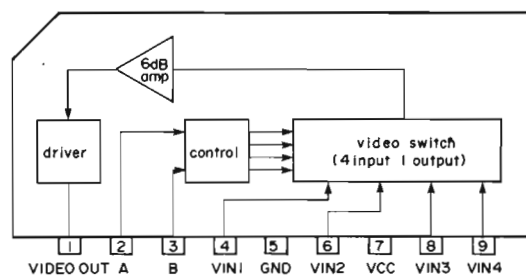
IC109: LB1294
LED Driver



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

■ PRINTED CIRCUIT BOARD (Pattern side)

Note) 文字面 : Component side

REMOTE
CONTROL
TUNER
TAPE

INPUT-
CD
⑦ ⑧

DATE _____
TUNER TAPE PB R
(L) (R) (L) (R)

Main Circuit Board (1)

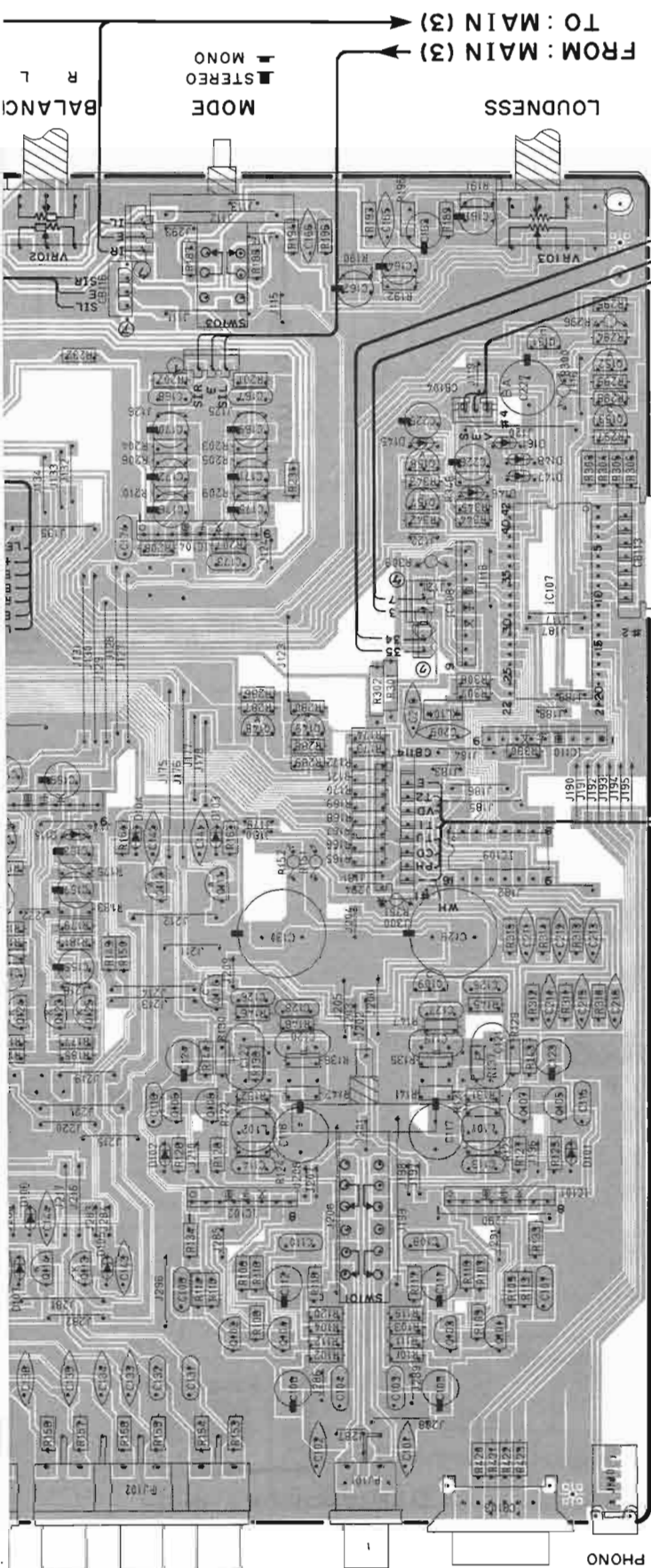
	U,C	R,A
	4.7	SHORT
	1K	SHORT

(Note) * marked

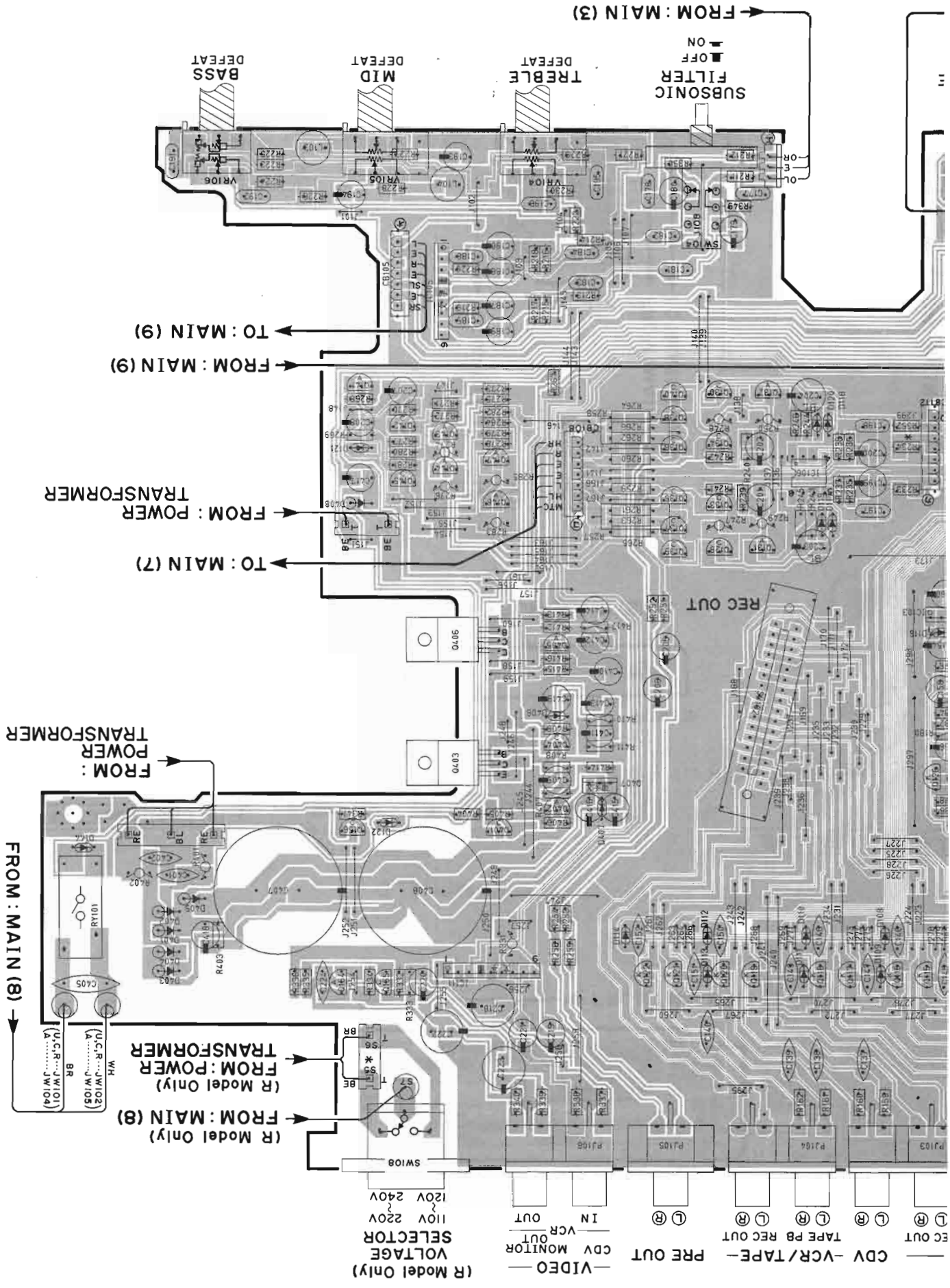
SWIMS
PHONO
MM
MC

▶TO: MAIN (2)
▶TO: MAIN (2)

TO : MAIN (11)
TO : MAIN (4)
TO : MAIN (6)



1	2	3	4	5	6
---	---	---	---	---	---



CX-600/U

H

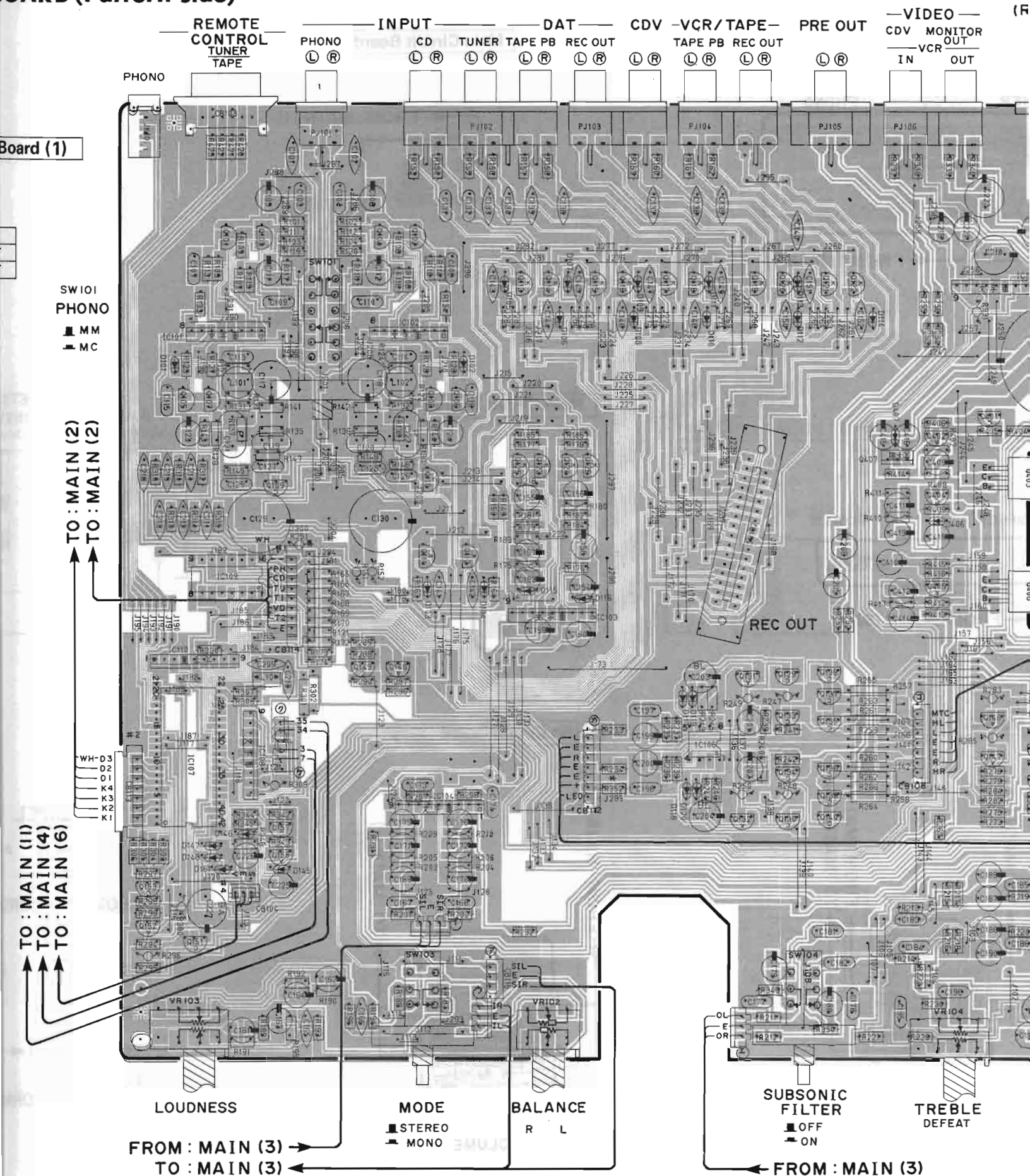
G

F

E

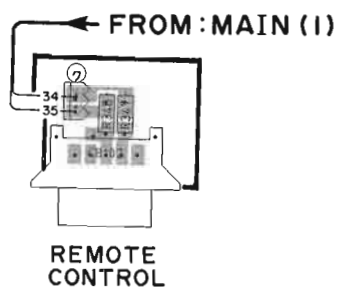
BOARD (Pattern side)

Board (1)

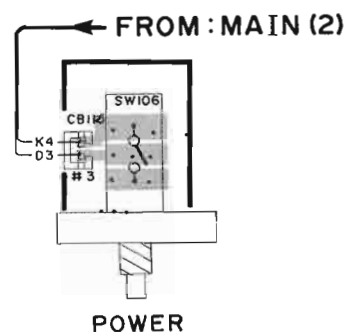


← FROM: MAIN(1)

Main Circuit Board (11)

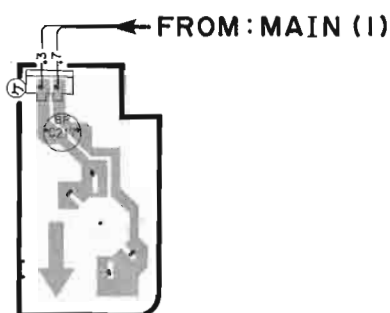


Main Circuit Board (5)

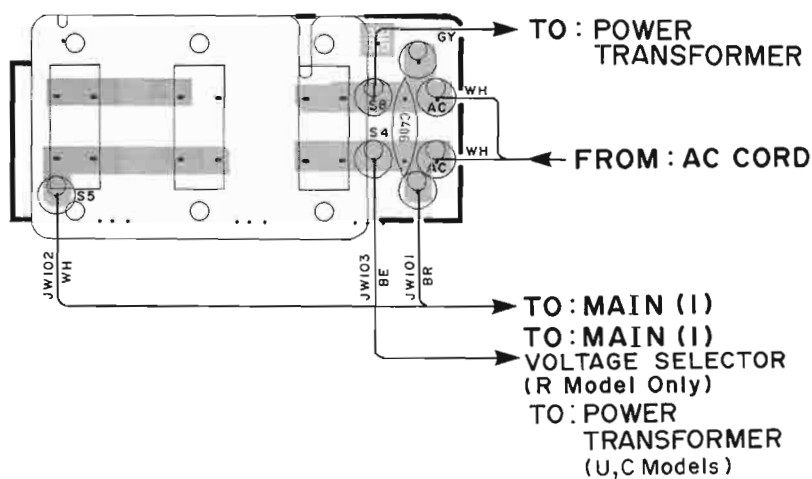


U,C,R MODELS

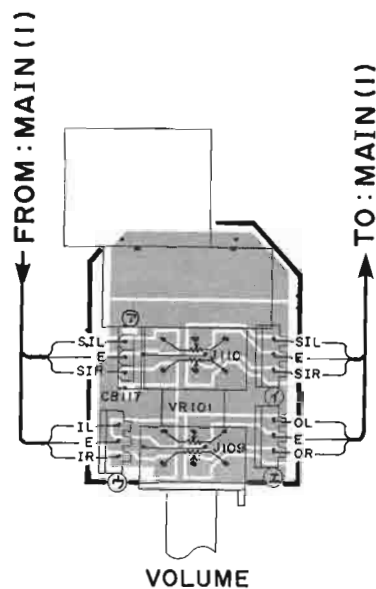
Main Circuit Board (4)



AC OUTLETS
SWITCHED UNSWITCHED
200W MAX. TOTAL 200W MAX.

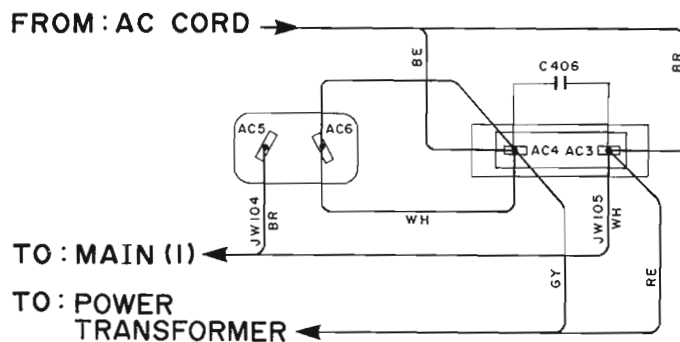


Main Circuit Board (3)



A MODEL

AC OUTLET
SWITCHED
100W MAX.



PARTS LIST

■WARNING

CX-600/U

Components having special characteristics are marked Δ 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

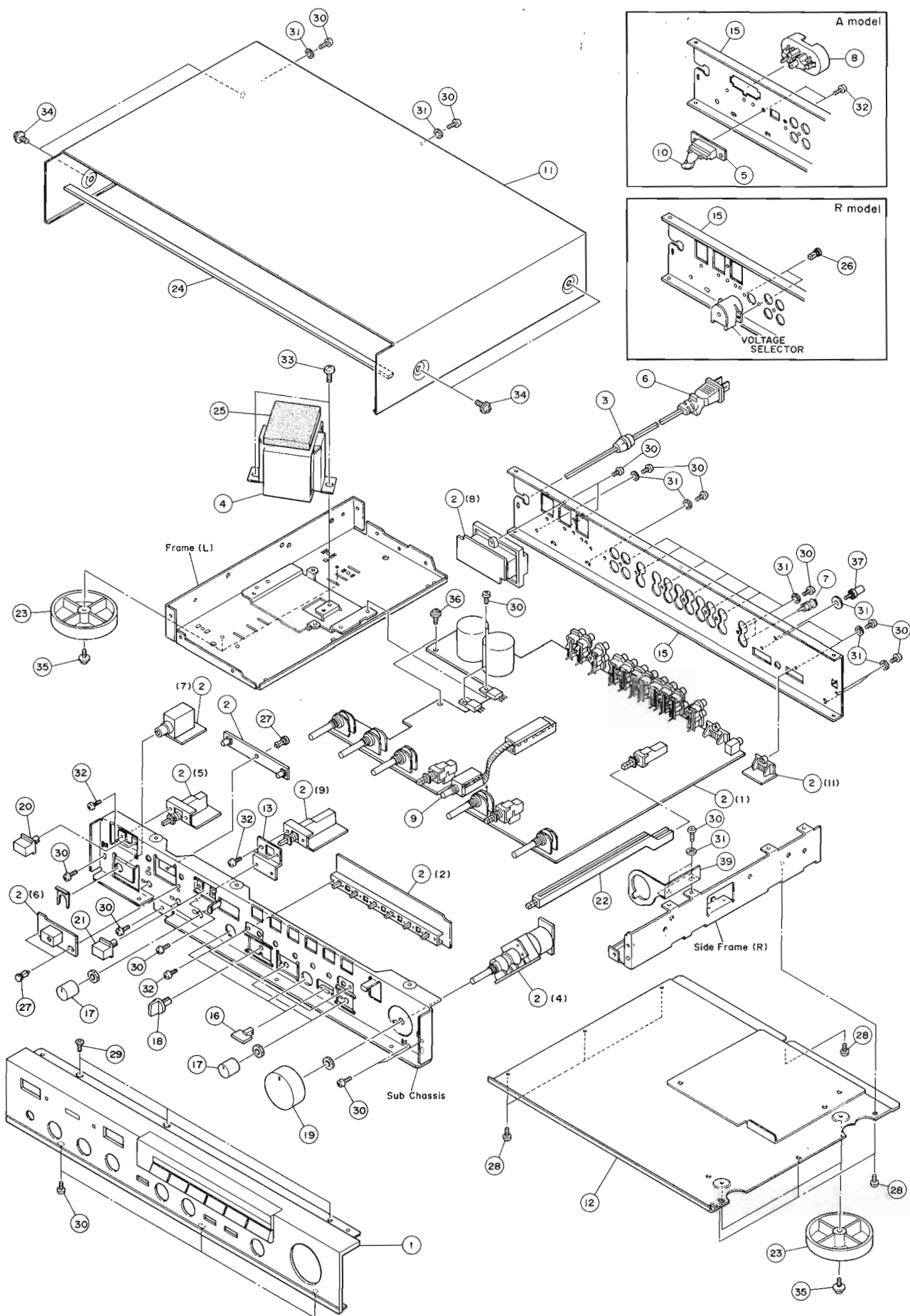
Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
	UT 45 31 50	Polypropylene Film Cap.	1500pF 100V	ポリプロコン	C107,108		
	UT 46 42 70	//	0.027 μ F 100V	//	C119,120		
	UT 46 51 00	//	0.1 μ F 100V	//	C121,122		
	GE 90 18 60	Trap Coil	47mH	トラップコイル	L103,104		
	VA 98 36 00	Coil	220 μ H	コイル	L101,102		
	HJ 35 41 00	Carbon Resistor	10 Ω 1/4W	カーボン抵抗	R259~266		
	HJ 35 42 70	//	27 Ω 1/4W	//	R301		
	HJ 35 43 30	//	33 Ω 1/4W	//	R302		
	HJ 35 61 00	//	1k Ω 1/4W	//	R328,329		
	HJ 35 61 20	//	1.2k Ω 1/4W	//	R316,317,319,320,322,323,325,326		
	HJ 35 61 50	//	1.5k Ω 1/4W	//	R318,321,324,327		
	HV 45 33 90	Flame Proof Carbon Resistor	3.9 Ω 1/4W	不燃化カーボン抵抗	R401,402		
	HV 45 34 70	//	4.7 Ω 1/4W	//	R351	U,C	
	HV 45 41 00	//	10 Ω 1/4W	//	R309		
	HV 45 42 20	//	22 Ω 1/4W	//	R151,152		
	HV 45 43 30	//	33 Ω 1/4W	//	R247~250,331		
	HV 45 43 90	//	39 Ω 1/4W	//	R300		
	HV 45 51 00	//	100 Ω 1/4W	//	R274,276,283,285		
	HV 45 51 50	//	150 Ω 1/4W	//	R296		
	HL 32 48 20	Metal Oxide Film Resistor	82 Ω 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	バラレルホルダー	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

EXPLODED VIEW



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 ー ト			U,C	
※ //	NA 09 79 50	//	//			R	
※ //	NA 09 79 60	//	//			A	
3	CB 62 01 90	Cord Stopper	コ ー ド ス ト ッ パ ー	CM-22B		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	中 継 端 子 台	2P		A	
6	MG 00 23 10	Power Cord	電 源 コ ー ド	7.5A 250V 2m		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	A C ア ウ ト レ ッ ト	2P		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.	セ ラ コ ン	0.01μF 250V		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 V R 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	バ イ ン ド タ ッ ピ ン グ ネ ジ	3×6 FCRM3-BI	PACK		
29	EB 33 00 66	Flat Head Screw	皿 小 ネ ジ	3×6 FCRM3-BI	PACK		
30	Ei 33 00 86	Binding Head Tapping Screw	バ イ ン ド タ ッ ピ ン グ ネ ジ	3×8 FCRM3-BI	PACK		
31	EV 41 30 36	Toothed Lock Washer	内 歯 付 座 金	φ3 FCRM3-BI	PACK		
32	ED 33 00 66	Binding Head Screw	バ イ ン ド 小 ネ ジ	3×6 FCRM3-BI	PACK		
33	Ei 34 08 06	Binding Head Tapping Screw	バ イ ン ド タ ッ ピ ン グ ネ ジ	4×8 FCRM3-BI	PACK		
34	EK 36 50 90	BW Head Screw	ブ レ ザ ー 小 ネ ジ	4×8(φ10)ZMC2-BI			
35	EK 33 50 10	BW Head Tapping Screw	B W ヘ ッ ド タ ッ ピ ン グ ネ ジ	3×6(φ8)FCRM3-BI			
36	EX 60 02 40	//	//	3×8(φ10)FCRM3-BI			
37	AA 62 73 10	Ground Terminal	G N D タ ー ミ ナ ル	3×13 STG			
38	EV 90 13 60	Toothed Lock Washer	セ ム ス 平 座 金	φ3×φ10×0.8FNM3-3g			
※ 39	VF 64 17 00	Support, MVR	サ ポ ー ト M V R				
	CB 06 92 51	Binding Tie	イ ン シ ュ ロ ッ ク タイ	BK-I	PACK		

※New Parts (新規部品) NR

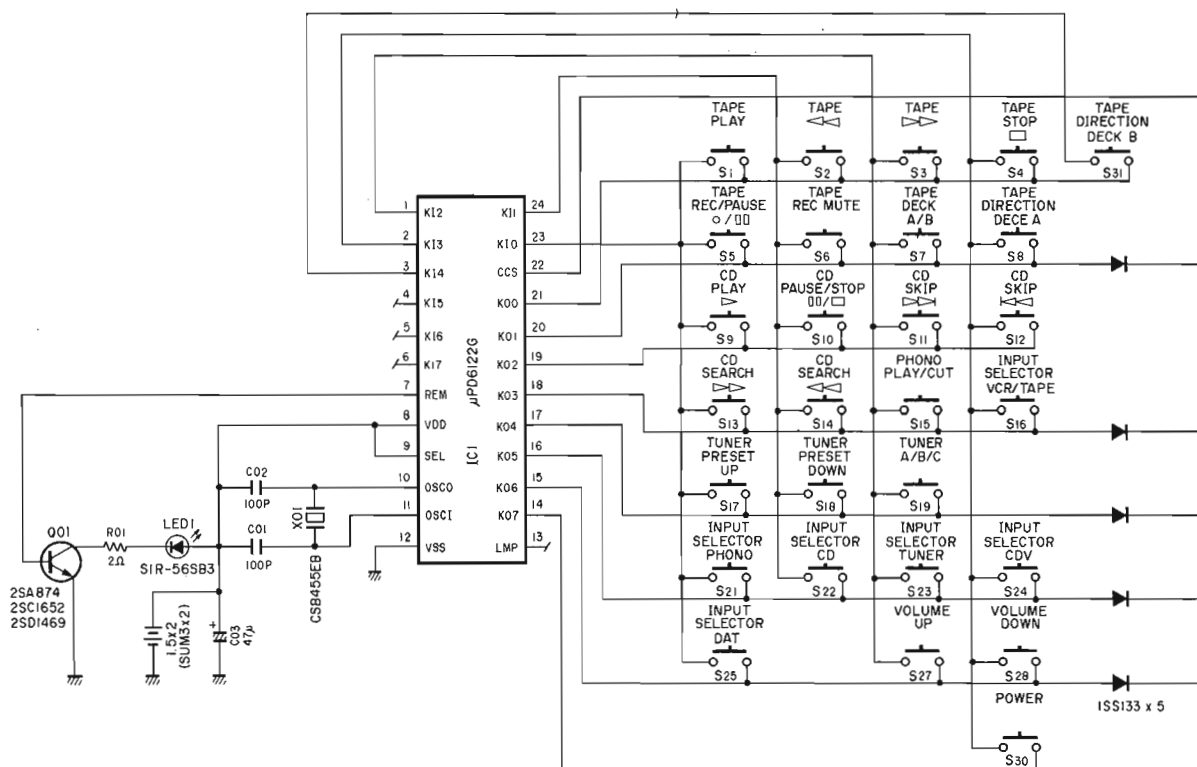
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※New Parts (新規部品) NR

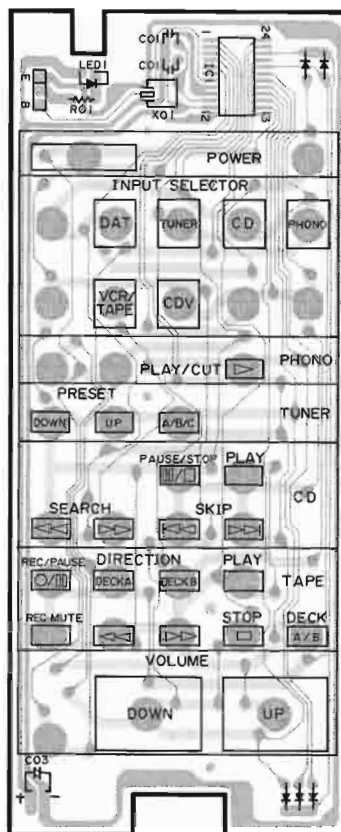
RS-CX600 REMOTE CONTROL TRANSMITTER

CX-600/U

■ SCHEMATIC DIAGRAM

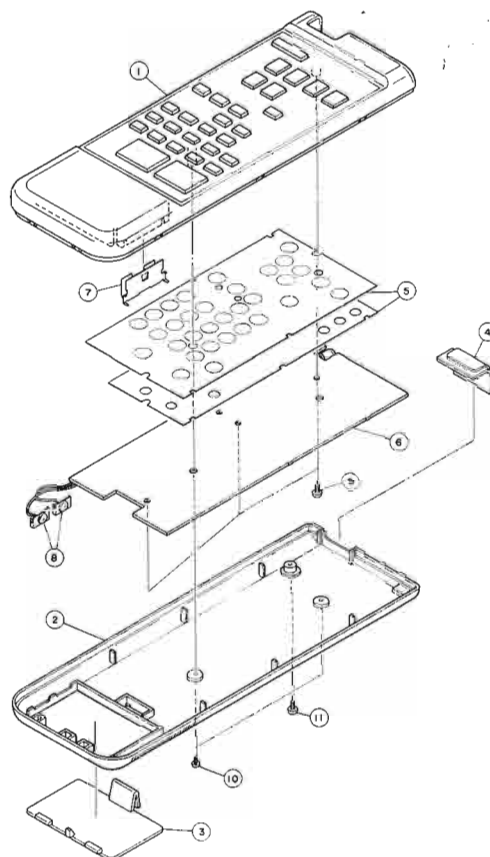


■ PRINTED CIRCUIT BOARD



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		

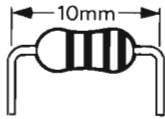
※New Parts (新規部品) NR

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	HF853100	12K Ω	HJ357120	HF857120
1.8 "	HJ353180	※	15 "	HJ357150	HF857150
2.2 "	HJ353220	HF853220	18 "	HJ357180	HF857180
3.3 "	HJ353330	HF853330	22 "	HJ357220	HF857220
4.7 "	HJ353470	HF853470	27 "	HJ357270	HF857270
5.6 "	HJ353560	HF853560	33 "	HJ357330	HF857330
10 "	HJ354100	HF854100	39 "	HJ357390	HF857390
15 "	HJ354150	HF854150	47 "	HJ357470	HF857470
22 "	HJ354220	HF854220	56 "	HJ357560	HF857560
27 "	HJ354270	HF854270	68 "	HJ357680	HF857680
33 "	HJ354330	HF854330	82 "	HJ357820	HF857820
39 "	HJ354390	HF854390	91 "	HJ357910	HF857910
47 "	HJ354470	HF854470	100 "	HJ358100	HF858100
56 "	HJ354560	HF854560	120 "	HJ358120	HF858120
68 "	HJ354680	HF854680	150 "	HJ358150	HF858150
82 "	HJ354820	HF854820	180 "	HJ358180	HF858180
100 "	HJ355100	HF855100	220 "	HJ358220	HF858220
110 "	HJ355110	HF855110	270 "	HJ358270	HF858270
120 "	HJ355120	HF855120	330 "	HJ358330	HF858330
150 "	HJ355150	HF855150	390 "	HJ358390	HF858390
160 "	HJ355160	※	470 "	HJ358470	HF858470
180 "	HJ355180	HF855180	560 "	HJ358560	HF858560
220 "	HJ355220	HF855220	680 "	HJ358680	HF858680
270 "	HJ355270	HF855270	820 "	HJ358820	HF858820
330 "	HJ355330	HF855330	1.0M Ω	HJ359100	HF859100
390 "	HJ355390	HF855390	1.2 "	HJ359120	※
470 "	HJ355470	HF855470	1.5 "	HJ359150	HF859150
510 "	※	HF855510	1.8 "	HJ359180	HF859180
560 "	HJ355560	HF855560	2.2 "	HJ359220	HF859220
680 "	HJ355680	HF855680	3.3 "	HJ359330	HF859330
820 "	HJ355820	HF855820	3.9 "	HJ359390	※
910 "	HJ355910	HF855910	4.7 "	HJ359470	HF859470
1.0K Ω	HJ356100	HF856100			
1.2 "	HJ356120	HF856120			
1.5 "	HJ356150	HF856150			
1.8 "	HJ356180	HF856180			
2.0 "	HJ356200	HF856200			
2.2 "	HJ356220	HF856220			
2.4 "	HJ356240	HF856240			
2.7 "	HJ356270	HF856270			
3.0 "	HJ356300	HF856300			
3.3 "	HJ356330	HF856330			
3.6 "	HJ356360	HF856360			
3.9 "	HJ356390	HF856390			
4.7 "	HJ356470	HF856470			
5.1 "	HJ356510	HF856510			
5.6 "	HJ356560	HF856560			
6.8 "	HJ356680	HF856680			
8.2 "	HJ356820	HF856820			
9.1 "	HJ356910	HF856910			
10 "	HJ357100	HF857100			

1/4W Type

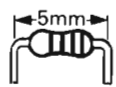
HJ35○○○○



10mm

1/6W Type

HF85○○○○



5mm

CX-600/U

YAMAHA