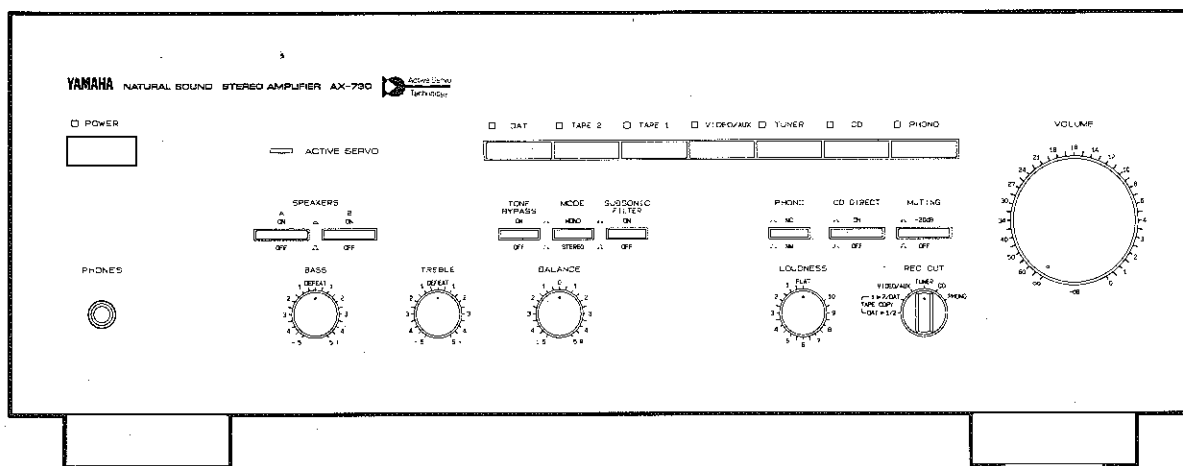


STEREO INTEGRATED AMPLIFIER

AX-730

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.

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100301

YAMAHA

YAMAHA CORPORATION
P.O. Box 1, Hamamatsu, Japan

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SCHEMATIC DIAGRAM

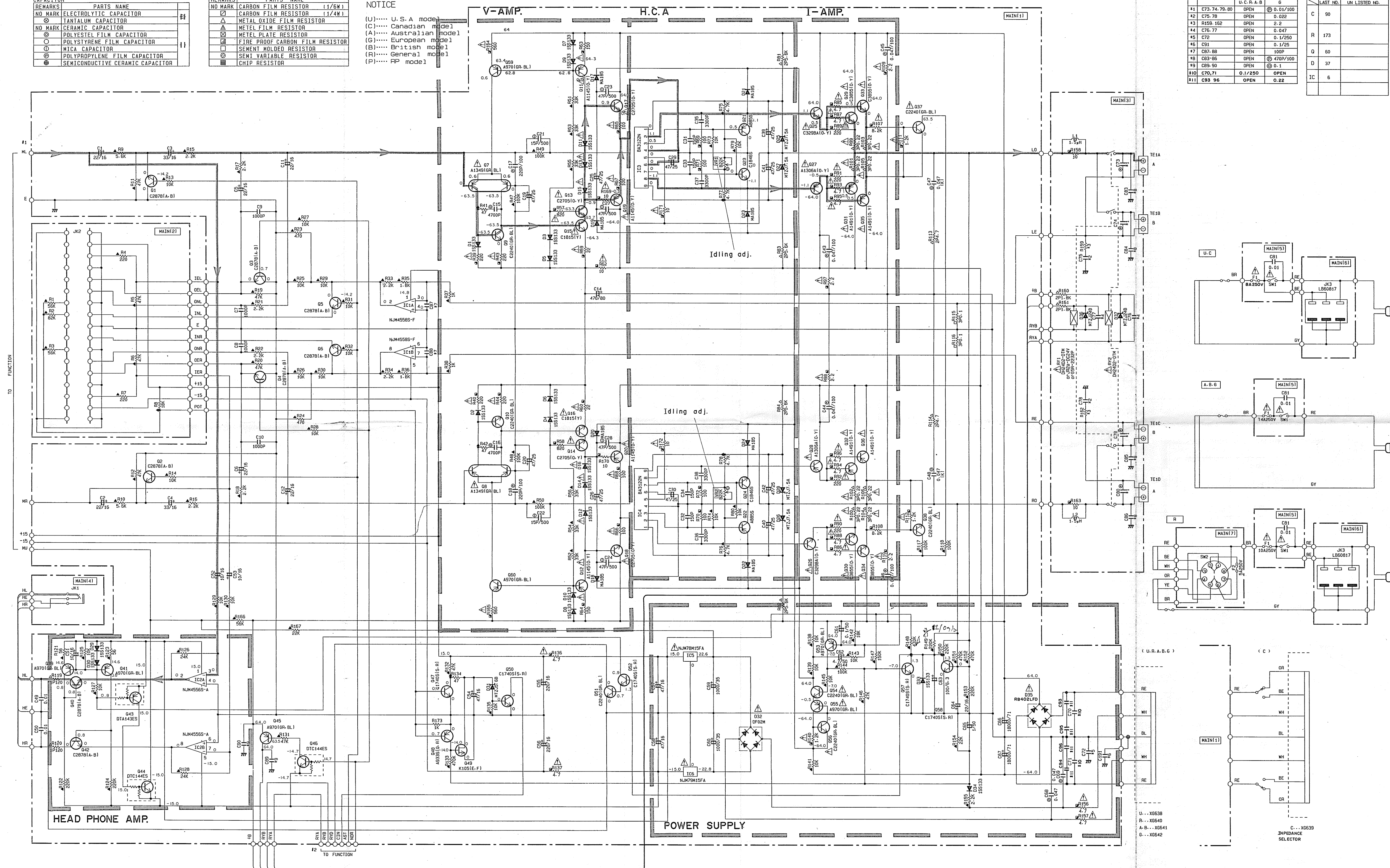
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
③	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
②	POLYESTER FILM CAPACITOR
①	POLYSTYRENE FILM CAPACITOR
④	MICA CAPACITOR
⑤	POLYPROPYLENE FILM CAPACITOR
⑥	SEMICONDUCTIVE CERAMIC CAPACITOR

REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (1/4W)
⑦	CARBON FILM RESISTOR (1/4W)
⑧	METAL OXIDE FILM RESISTOR
⑨	METAL FILM RESISTOR
⑩	METAL PLATE RESISTOR
⑪	FIRE PROOF CARBON FILM RESISTOR
⑫	SEMENT MOLDED RESISTOR
⑬	SEMI VARIABLE RESISTOR
⑭	CHIP RESISTOR

NOTICE

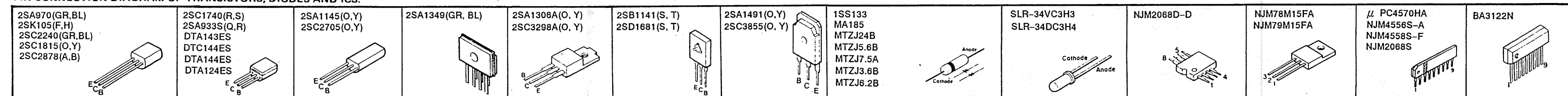
(U)..... U.S.A. model
 (C)..... Canadian model
 (A)..... Australian model
 (G)..... European model
 (B)..... British model
 (R)..... General model
 (P)..... PP model

U.C.R.A.B	Q	LAST NO.	UN LISTED NO.
11 C73-74-79-80	OPEN	0.01/100	
12 C75-78	OPEN	0.022	
13 R159-162	OPEN	2.2	
14 C76-77	OPEN	0.047	
15 C32	OPEN	0.1/250	
16 C91	OPEN	0.1/25	
17 C87-88	OPEN	100P	
18 C83-85	OPEN	470P/100	
19 C89-90	OPEN	0.1	
110 C70-71	0.1/250	OPEN	
111 C93-96	OPEN	0.22	

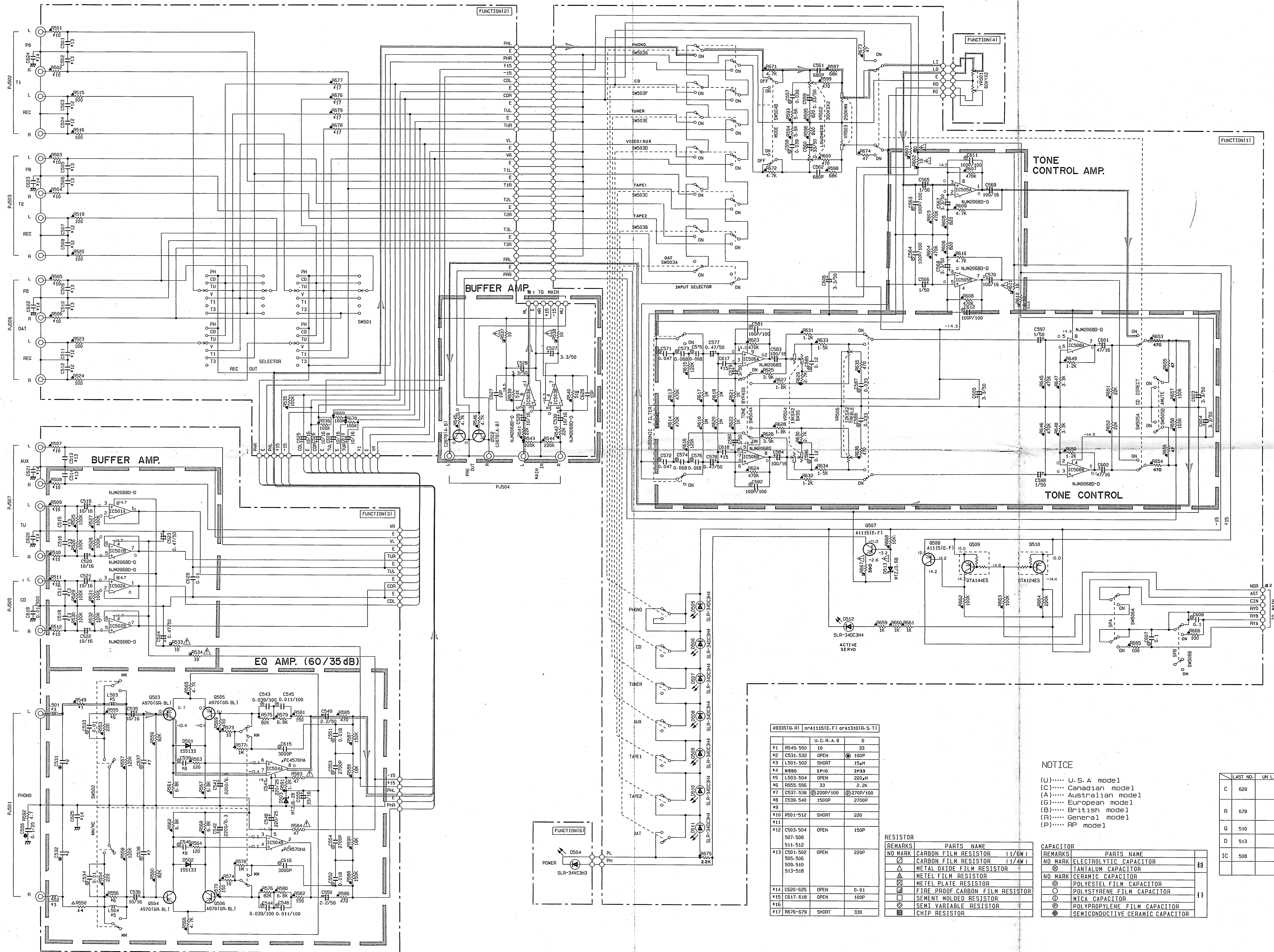


A9335 (Q.R)	QPA1115 (E.F)	QPA1310 (R.S.T)
C17405 (S.R)	QPC2631C (F)	QPC3312 (R.S.T)
X105 (E.F)	QPK105 (F.H)	
C18465	QPD1681 (S.T)	
A8555	QPB1141 (S.T)	

PIN CONNECTION DIAGRAM OF TRANSISTORS, DIODES AND ICs.



- The voltages are measured by no-signal mode.
- All voltages are measured with a 10MΩ/V DC electric volt meter.
- Components having special characteristics are marked Δ and must be replaced with parts having specifications equal to those originally installed.
- Schematic diagram is subject to change without notice.



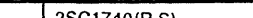
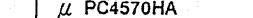
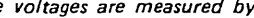
A9353(Q:R)	A11515(F: F)	A9310(R: S, T)
	U. C. R. A. B	6
#1	R640, 550	10 33
#2	C531-532	OPEN  100P
#3	L501-502	SHORT 15μP
#4	R550	ZP10 TP33
#5	L503-504	OPEN 220μP
#6	S555-555	33 2-K
#7	C537-538	 200P/100  270P/100
#8	C539-540	1500P 2700P
#9		
#10	R501-512	SHORT 220
#11		
#12	C503-504	OPEN 150P
	507-508	
	511-512	
#13	C501-502	OPEN 220P
	505-506	
	508-510	
	513-518	
#14	C620-625	OPEN 0.01
#15	C617-618	OPEN 100P
#16		
#17	R676-679	SHORT 330

NOTICE

(U)..... U.S. A model
(C)..... Canadian model
(A)..... Australian model
(G)..... European model
(B)..... British model
(R)..... General model
(P)..... AP model

	LAST NO.	UN LISTED NO.
C	629	
R	679	
Q	510	
D	513	
IC	508	

PIN CONNECTION DIAGRAM OF TRANSISTORS, DIODES AND ICS.

2SA1970(GR,BL) 2SK105(F,H) 2SC2240(GR,BL) 2SC1815(O,Y) 2SC2878(A,B) 	2SC1740(R,S) 2SA933S(O,R) DTA144ES DTC144ES DTA144ES DTA124ES 	2SA1145(O,Y) 2SC2705(O,Y) 	2SA1349(GR,BL) 	2SA1306A(O,Y) 2SC3298A(O, Y) 	2SB1141(S, T) 2SD1681(S, T) 	2SA1491(O,Y) 2SC3955(O, Y) 	1SS193 MA165 MTZJ24B MTZJ5.6B MTZJ7.5A MTZJ3.6B MTZJ6.2B 	SLR-34VC3H3 SLR-34DC3H4 	NJM2088D-D 	NJM78M15FA NJM79M15FA 	1/4 PC4570HA NJM4568S-A NJM4568S-F NJM2068S	BA3122N
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- The voltages are measured by no-signal mode.
- All voltages are measured with a 10M Ω /V DC electric volt meter.
- Components having special characteristics are marked $\triangle$ and must be replaced with parts having specifications equal to those originally installed.
- Schematic diagram is subject to change without notice.