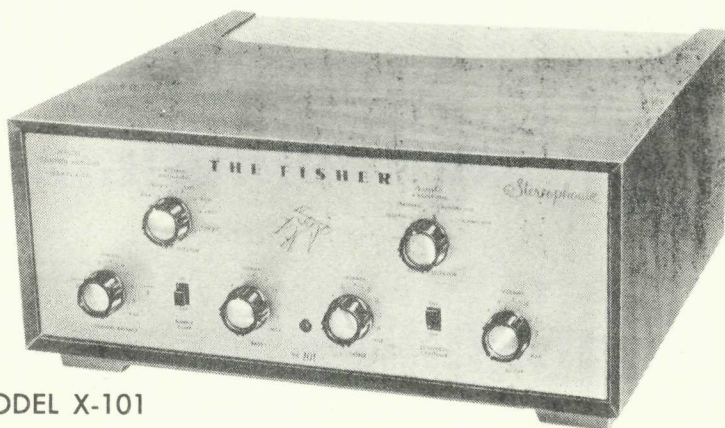


THE FISHER X-101

SCHEMATIC and PARTS LIST



MODEL X-101

CHASSIS SERIAL NUMBERS
10001-29999 INCLUSIVE

PRICE: \$1.00

FISHER RADIO CORPORATION • NEW YORK

CHASSIS SERIAL NUMBERS
10001 - 29999 INCLUSIVE

THE FISHER X-101



PARTS DESCRIPTION LIST

CHASSIS SERIAL NUMBERS 10001 — 29999 INCLUSIVE

CAPACITORS

20% tolerance for all fixed capacitors, unless otherwise noted or marked GMV (guaranteed minimum value.)

Symbol	Description	Order No.
C1	Ceramic, 820uuf 10%, 1000V	C50072-7
C2, 3	Ceramic, 390uuf 10%, 1000V	C50072-6
C4	Ceramic, 1800uuf 10%, 1000V	C50072-8
C5	Ceramic, 82uuf 10% N1500, 1000V	C50070-7
C6	Ceramic, 1800uuf 10%, 1000V	C50072-8
C7, 8	Ceramic, 560uuf 10%, 1000V	C50072-14
C9, 10	Molded, .022uf 10%, 250V	C50074-26
C11, 12	Molded, .01uf 10%, 250V	C50074-25
C13, 14	Ceramic, .005uf, 500V	C50089-1
C15, 16	Molded, .022uf 10%, 250V	C50074-26
C17	Ceramic, 12uuf 10% NPO, 1000V	C50070-2
C18	Ceramic, 10uuf 10% NPO, 1000V	C50070-11
C19, 20	Ceramic, 68uuf 10%, 500V	CC21GP680K5
C21, 22	Electrolytic, 25uf, 6V	C639-114
C23, 24	Molded, .01uf 10%, 250V	C50074-25
C25	Ceramic, 1000uuf 10%, 1000V	C50072-3
C26	Molded, .022uf 10%, 250V	C50074-26
C27	Ceramic, 1000uuf 10%, 1000V	C50072-3
C28	Molded, .022uf 10%, 250V	C50074-26
C29	Electrolytic, 100uf, 100V	C663-143
C30	Ceramic, 150uuf 10%, 500V	CC21GP151K5
C31	Molded, .0027uf 10%, 200V	C68P272K2
C32	Ceramic, 150uuf 10%, 500V	CC21GP151K5
C33	Molded, .0027uf 10%, 200V	C68P272K2
C34	Electrolytic, three section: 40uf, 450V 40uf, 450V 20uf, 450V	C563-127
C35, 36	Molded, .01uf 10%, 250V	C50074-25
C37	Electrolytic, two section: 60uf, 450V 40uf, 450V	C663-136
C38, 39	Molded, .01uf 10%, 250V	C50074-25
40, 41, **42 43		
C44, 45	Ceramic, 68uuf 10%, 500V	CC21GP680K5
C46, 47	Ceramic, 47uuf 10%, 500V	CC21GP470K5
C48	Ceramic, 33uuf 10%, 500V	CC21GP330K5
C49	Molded, .047uf 10%, 500V	C50074-37
C50	Ceramic, 33uuf 10%, 500V	CC21GP330K5
C51, 52, 53	Molded, .047uf 10%, 500V	C50074-37
C54	Molded, .01uf, 600V	C2747

**C42 and C43 not used in serial numbers 20001 to 29999.

RESISTORS AND POTENTIOMETERS

In ohms, 10% tolerance, 1/2 watt, unless otherwise noted. K = kilohm, M = megohm.

Symbol	Description	Order No.
R1, 2	Potentiometer, 250K 20%	R657-134
R3	Composition, 10K	RC20BF103K
R4	Composition, 150K (Earlier Units)	RC20BF154K
	Composition, 100K (Later Units)	RC20BF104K
R5	Composition, 10K	RC20BF103K
R6	Composition, 150K (Earlier Units)	RC20BF154K
	Composition, 100K (Later Units)	RC20BF104K
R7, 8	Composition, 2.7K, 1W	RC30BF272K
R9	Composition, 3.3M	RC20BF335K
R10	Composition, 2.2M	RC20BF225K
R11	Composition, 1.2M	RC20BF125K
R12	Composition, 270K	RC20BF274K
R13	Composition, 10M	RC20BF106K
R14	Composition, 270K	RC20BF274K
R15	Composition, 10M	RC20BF106K
R16, 17	Composition, 120K	RC20BF124K
R18, 19	Potentiometer, 250K 20%	R657-134
R20, 21	Composition, 330K, 1W	RC30BF334K
R22, 23	Composition, 220K	RC20BF224K
R24, 25	Composition, 10M	RC20BF106K
R26, 27	Composition, 3.3M	RC20BF335K
R28, 29	Composition, 2.2M	RC20BF225K
R30, 31	Composition, 3.3M	RC20BF335K
R32	Composition, 100K	RC20BF104K
R33	Composition 1.2K	RC20BF122K
R34	Composition, 100K	RC20BF104K
R35	Composition, 1.2K	RC20BF122K
R36, 37	Composition, 15M	RC20BF156K
R38, 39	Composition, 180K	RC20BF184K
R40	Composition, 220K	RC20BF224K
R41	Potentiometer, Dual, 1M	R663-134
R42	Composition, 15K	RC20BF153K
R43	Composition, 220K	RC20BF224K
R44	Composition, 15K	RC20BF153K
R45, 46	Composition, 47K	RC20BF473K
R47	Potentiometer, Dual, 1M	R663-134
R48	Wirewound, 920, 5%, 5W	R592-167
R49	Composition, 100K	RC20BF104K
R50	Composition, 1.2K	RC20BF122K
R51	Composition, 100K	RC20BF104K
R52	Composition, 1.2K	RC20BF122K
R53	Composition, 47K	RC20BF473K
R54	Potentiometer, Dual, 500K	R663-138
R55	Composition, 10K, 1W	RC30BF103K
R56, 57	Composition, 120K	RC20BF124K
	(Serial Numbers 10001-19999)	
	Composition, 47K	RC20BF473K
	(Serial Numbers 20001-29999)	

R58, 59	Composition, 47K	RC20BF473K
	(Serial Numbers 10001-19999)	
	Composition, 120K	RC20BF124K
	(Serial Numbers 20001-29999)	
R60	Composition, 4.7K, 1W	RC30BF472K
R61, 62	Composition, 270K	RC20BF274K
R63	Wirewound, 2.2K, 7W	R563-148
R64	Composition, 68K	RC20BF683K
R65	Potentiometer, 500K, 20%	R663-131
R66	Composition, 68K	RC20BF683K
R67	Wirewound, 250, 7W	R539-121
	(Two Used in Parallel)	
	Wirewound, 115	R563-205
	7W (Used in Some Models)	
R68	Composition, 390K	RC20BF394K
R69	Composition, 1.5K	RC20BF152K
R70	Composition, 390K	RC20BF394K
R71	Composition, 1.5K	RC20BF152K
R72	Composition, 100K	RC20BF104K
R73	Composition, 82K	RC20BF823K
R74	Potentiometer, 50K, 20%	R50103-3
R75	Composition, 100K	RC20BF104K
R76	Composition, 82K	RC20BF823K
R77	Potentiometer, 50K, 20%	R50103-3
R78, 79	Composition, 47K	RC20BF473K
R80, 81	Composition, 470K	RC20BF474K
82, 83		
R84	Composition, 2.2K	RC20BF222K
R85	Composition, 33K	RC20BF333K
R86	Composition, 2.2K	RC20BF222K
R87	Composition, 33K	RC20BF333K
R88, 89	Composition, 10	RC20BF100K
R90, 91	Composition, 100K	RC20BF104K

TRANSFORMERS

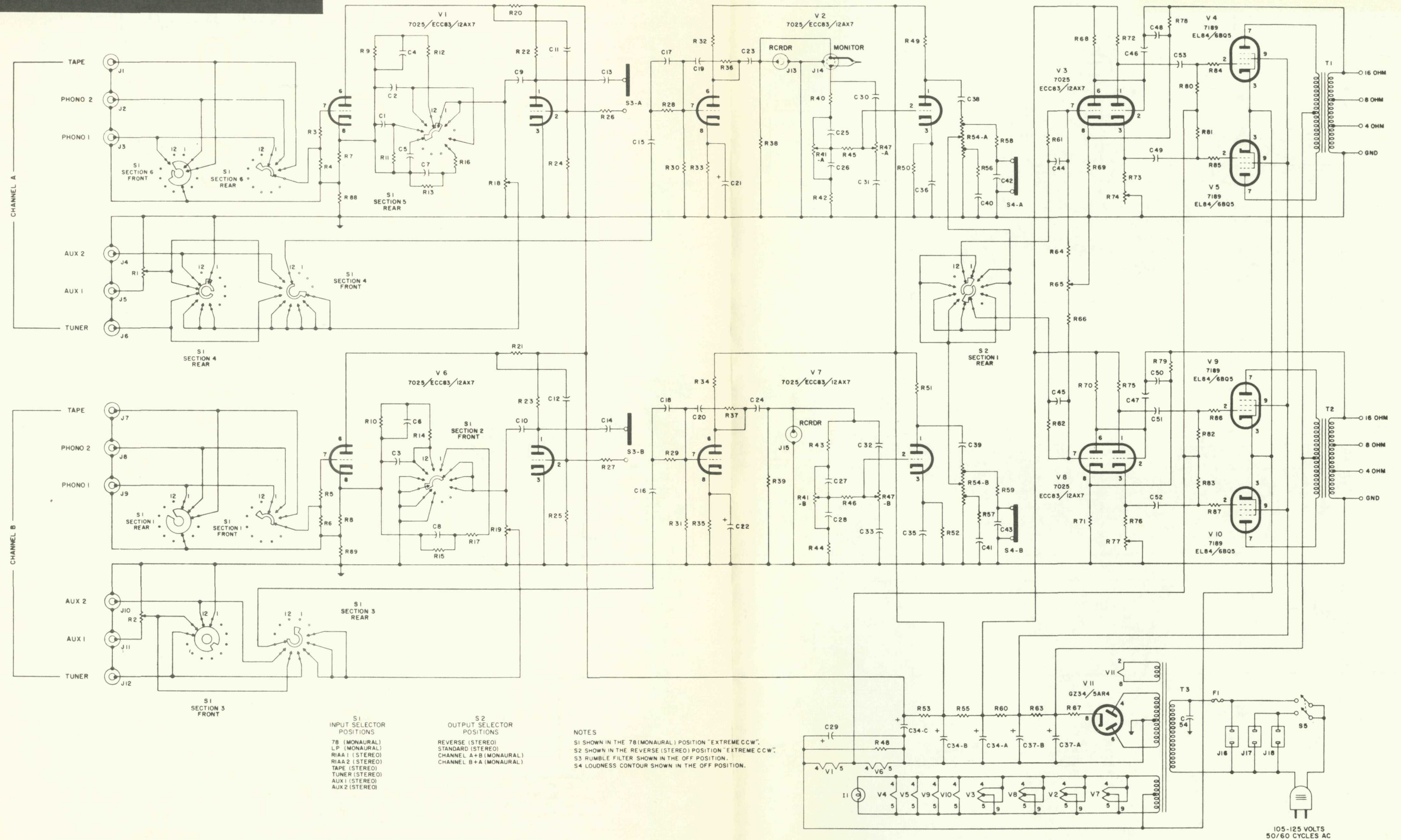
Symbol	Description	Order No.
T1	Transformer, Output	T663-135
T2	Transformer, Output	T663-114
T3	Transformer, Power	T663-115

MISCELLANEOUS

Symbol	Description	Order No.
F1	Fuse, 3.2 Ampere, Slo-Blo (Early Units)	F3319
I1	Lamp Panel (Early Units)	I558-120
	Lamp Panel (Later Units)	A50118
S1	Switch, Input Selector	S663-132
S2	Switch, Output Selector	S663-130
S3, 4	Switch, Slide	S663-133
S5	Switch, AC Power	Part of R54

SCHEMATIC DIAGRAM

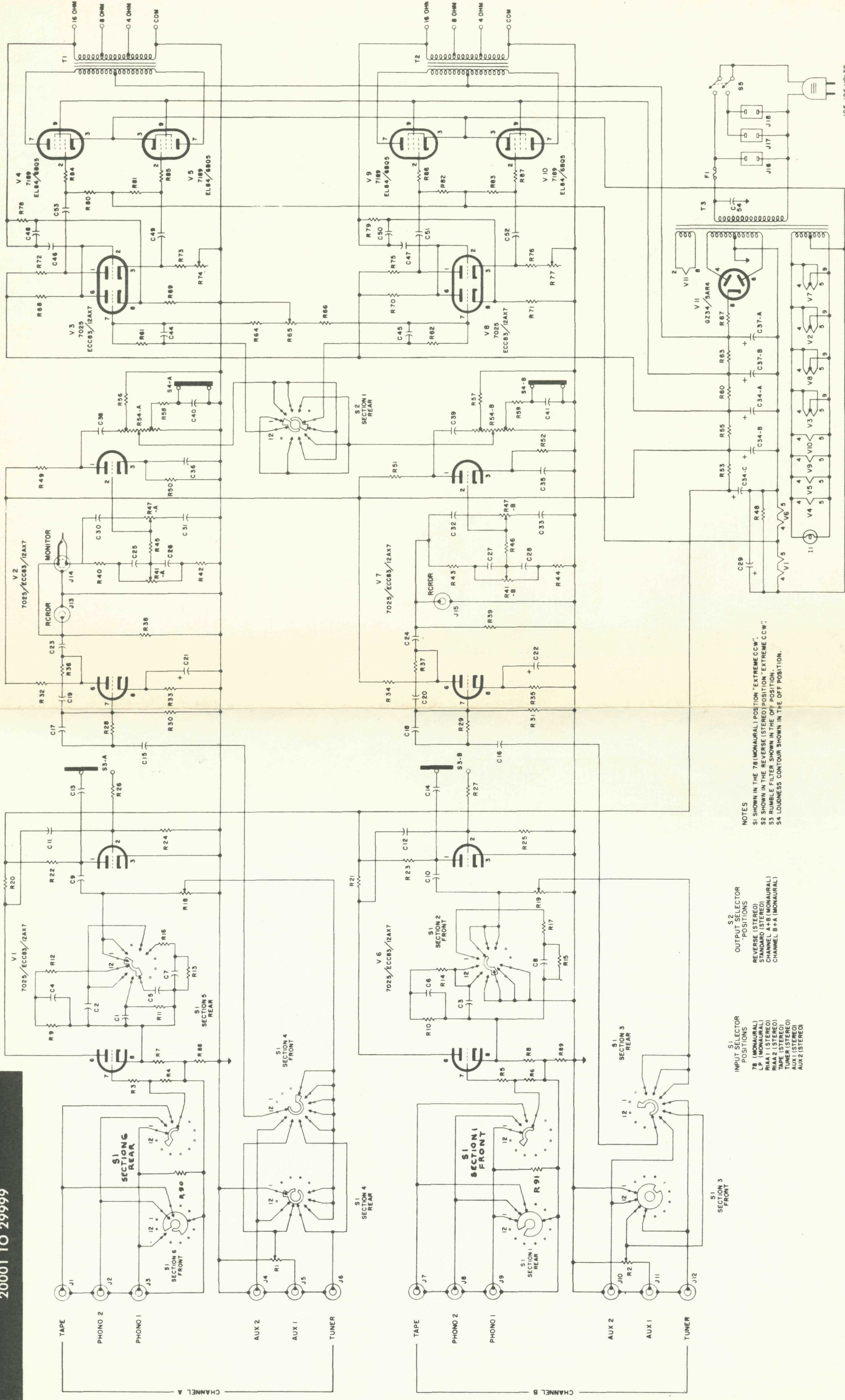
10001-19999



RESISTORS	R1 R2	R3 TO R6	R7 R8 R9 R10	R11 TO R15	R12 TO R17	R16 TO R19	R18 R20 R21 R22	R23 R24 R25	R26 R27	R28 R29 R30 R31	R32 TO R35	R36 TO R37	R38 R39	R40 R41 R42 R43	R44 R45 R46 R47	R48 R49 R50 R51	R52 R53 R54 R55	R56 R57 R58 R59	R60 R61 R62 R63	R64 R65 R66 R67	R68 R69 R70 R71	R72 R73 R74 R75	R76 R77 R78 R79	R80 R81 R82 R83	R84 R85 R86 R87
CAPACITORS	C1 C2 C3 C4 C5 C6	C7 C8 C9 C10	C11 C12	C13 C14	C15 C16 C17 C18	C19 C20 C21 C22	C23 C24	C25 C26 C27 C28	C29 C30 C31 C32	C33 C34 C35 C36	C37 C38 C39 C40	C41 C42 C43 C44	C45 C46 C47 C48	C49 C50 C51 C52	C53 C54	C55 C56 C57 C58	C59 C60 C61 C62	C63 C64 C65 C66	C67 C68 C69 C70	C71 C72 C73 C74	C75 C76 C77 C78	C79 C80 C81 C82	C83 C84 C85 C86	C87 C88 C89 C90	C91 C92 C93 C94

SCHEMATIC DIAGRAM

20001 TO 29999



NOTES
 S1 SHOWN IN THE 78 (MONAURAL) POSITION "EXTREME CCW".
 S2 SHOWN IN THE REVERSE (STEREO) POSITION "EXTREME CCW".
 S3 RUMBLE FILTER SHOWN IN THE OFF POSITION.
 S4 LOUDNESS CONTOUR SHOWN IN THE OFF POSITION.

INPUT SELECTOR
 POSITIONS
 78 (MONAURAL)
 LP (MONAURAL)
 RIAA1 (STEREO)
 RIAA2 (STEREO)
 RIAA3 (STEREO)
 RIAA4 (STEREO)
 RIAA5 (STEREO)
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 RIAA99 (STEREO)
 RIAA100 (STEREO)

RESISTORS	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	R16	R17	R18	R19	R20	R21	R22	R23	R24	R25	R26	R27	R28	R29	R30	R31	R32	R33	R34	R35	R36	R37	R38	R39	R40	R41	R42	R43	R44	R45	R46	R47	R48	R49	R50	R51	R52	R53	R54	R55	R56	R57	R58	R59	R60	R61	R62	R63	R64	R65	R66	R67	R68	R69	R70	R71	R72	R73	R74	R75	R76	R77	R78	R79	R80	R81	R82	R83	R84	R85	R86	R87	R88	R89	R90
CAPACITORS	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50	C51	C52	C53	C54	C55	C56	C57	C58	C59	C60	C61	C62	C63	C64	C65	C66	C67	C68	C69	C70	C71	C72	C73	C74	C75	C76	C77	C78	C79	C80	C81	C82	C83	C84	C85	C86	C87	C88	C89	C90