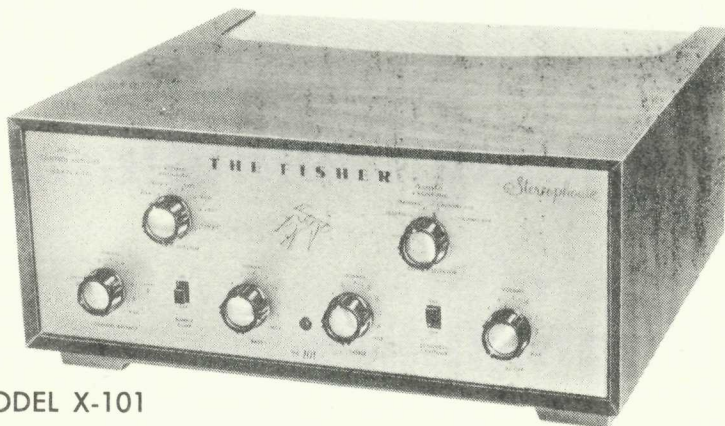


THE FISHER X-101

SCHEMATIC and PARTS LIST



MODEL X-101

CHASSIS SERIAL NUMBERS
10001-29999 INCLUSIVE

PRICE: \$1.00

FISHER RADIO CORPORATION • NEW YORK

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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
R5	Composition, 100K (Later Units)	RC20BF104K
R6	Composition, 150K (Earlier Units)	RC20BF103K
R7, 8	Composition, 100K (Later Units)	RC20BF104K
R9	Composition, 2.7K, 1W	RC30BF272K
R10	Composition, 3.3M	RC20BF335K
R11	Composition, 2.2M	RC20BF225K
R12	Composition, 1.2M	RC20BF125K
R13	Composition, 270K	RC20BF274K
R14	Composition, 10M	RC20BF106K
R15	Composition, 270K	RC20BF274K
R16, 17	Composition, 10M	RC20BF106K
R18, 19	Composition, 120K	RC20BF124K
R20, 21	Potentiometer, 250K 20%	R657-134
R22, 23	Composition, 330K, 1W	RC30BF334K
R24, 25	Composition, 220K	RC20BF224K
R26, 27	Composition, 10M	RC20BF106K
R28, 29	Composition, 3.3M	RC20BF335K
R30, 31	Composition, 2.2M	RC20BF225K
R32	Composition, 3.3M	RC20BF335K
R33	Composition, 100K	RC20BF104K
R34	Composition, 1.2K	RC20BF122K
R35	Composition, 100K	RC20BF104K
R36, 37	Composition, 1.2K	RC20BF122K
R38, 39	Composition, 15M	RC20BF156K
R40	Composition, 180K	RC20BF184K
R41	Composition, 220K	RC20BF224K
R42	Potentiometer, Dual, 1M	R663-134
R43	Composition, 15K	RC20BF153K
R44	Composition, 220K	RC20BF224K
R45, 46	Composition, 15K	RC20BF153K
R47	Composition, 47K	RC20BF473K
R48	Potentiometer, Dual, 1M	R663-134
R49	Wirewound, 920, 5%, 5W	R592-167
R50	Composition, 100K	RC20BF104K
R51	Composition, 1.2K	RC20BF122K
R52	Composition, 100K	RC20BF104K
R53	Composition, 1.2K	RC20BF122K
R54	Composition, 47K	RC20BF473K
R55	Potentiometer, Dual, 500K	R663-138
R56, 57	Composition, 10K, 1W	RC30BF103K
	Composition, 120K	RC20BF124K
	(Serial Numbers 10001-19999)	
	(Serial Numbers 20001-29999)	

R58, 59 Composition, 47K
(Serial Numbers 10001-19999)
Composition, 120K
(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 (Two Used in Parallel)	R539-121
	Wirewound, 115 7W (Used in Some Models)	R563-205
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

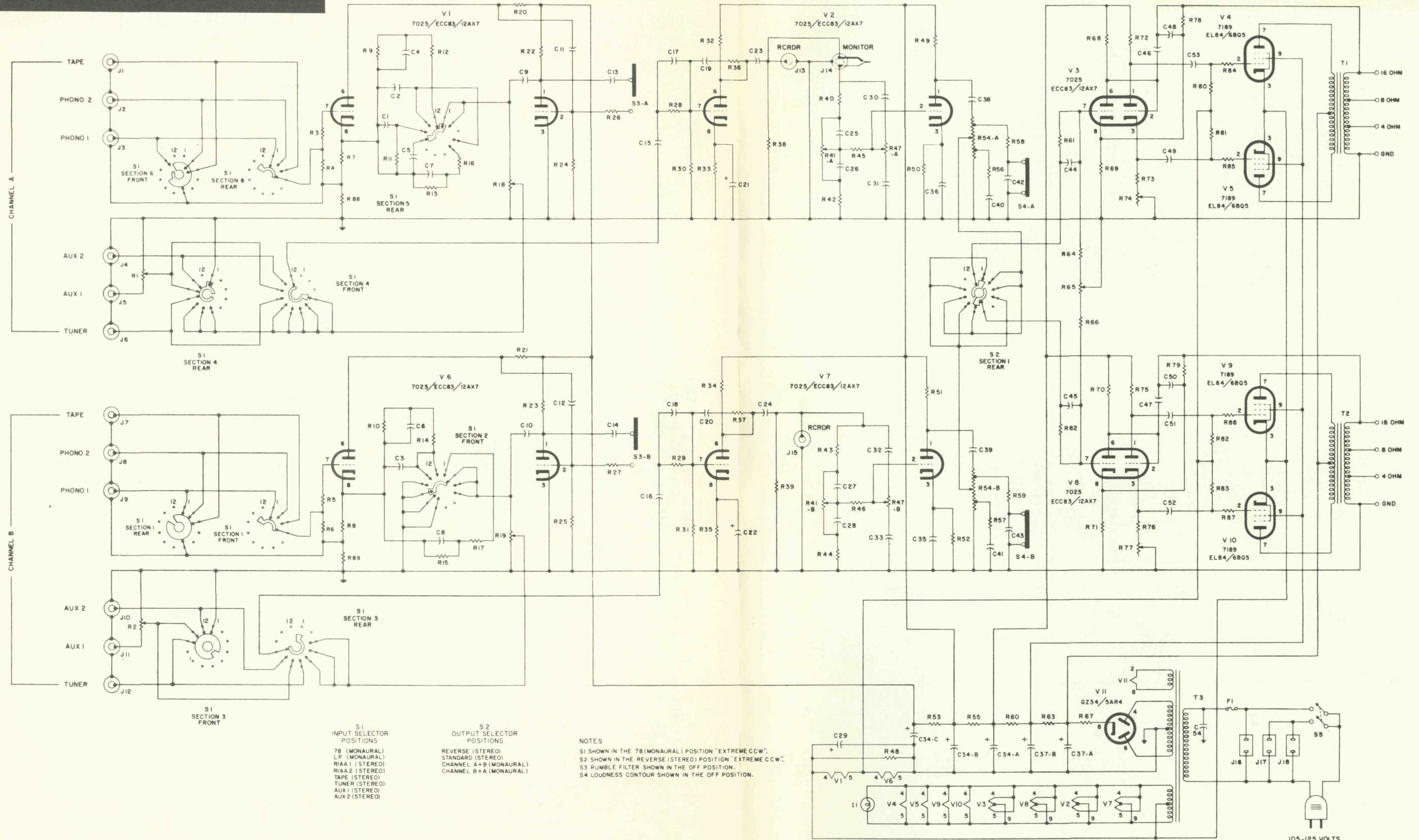
Symbol	Description	Order No.
T1	Transformer, Output	T663-135
T2	Transformer, Output	T663-114
T3	Transformer, Power	T663-115

MISCELLANEOUS

Symbol	Description	Order No.
F1	Fuse, 3.2 Ampere, Slo-Blo (Early Units)	F3319
I1	Lamp Panel (Early Units)	1558-120
	Lamp Panel (Later Units)	A50118
S1	Switch, Input Selector	5663-132
S2	Switch, Output Selector	5663-130
S3, 4	Switch, Slide	5663-133
S5	Switch, AC Power	Part of R54

SCHEMATIC DIAGRAM

10001-19999



S1 INPUT SELECTOR POSITIONS
 78 (MONAURAL)
 LP (MONAURAL)
 RIAA 1 (STEREO)
 RIAA 2 (STEREO)
 TAPE (STEREO)
 TUNER (STEREO)
 AUX 1 (STEREO)
 AUX 2 (STEREO)

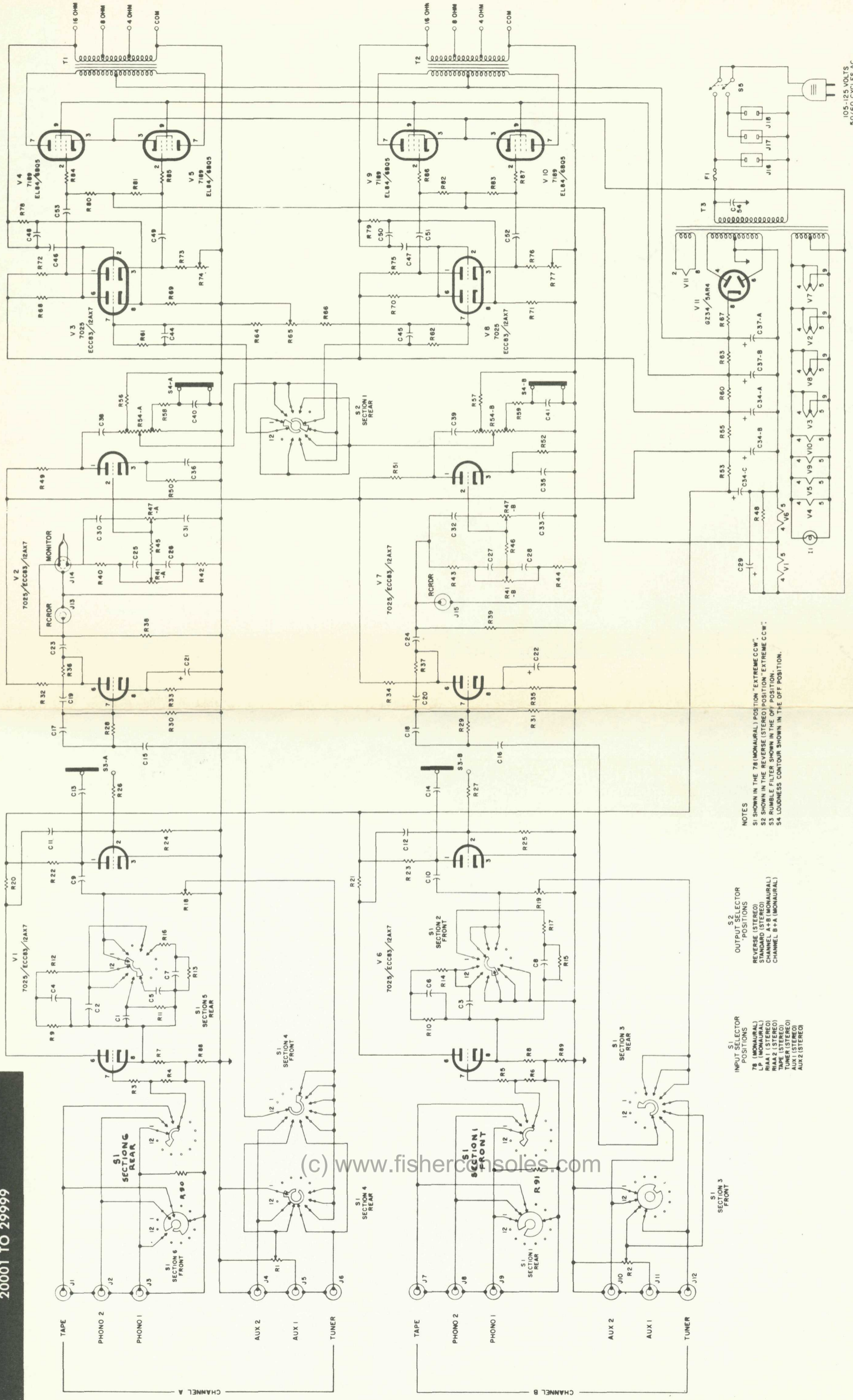
S2 OUTPUT SELECTOR POSITIONS
 REVERSE (STEREO)
 STANDARD (STEREO)
 CHANNEL A+B (MONAURAL)
 CHANNEL B+A (MONAURAL)

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.

RESISTORS	R1 R2	R3 TO R6	R7 R8 R9 R10	R11	R12 TO R15	R16 TO R17	R18 R19 R20 R21	R22 R23	R24 R25	R26 R27	R28 R29 R30 R31	R32 TO R35	R36 R37	R38 R39	R41-A R44	R40 R46	R45 R47-B R48	R50 R51 R53	R52 R54-B R55	R54-A R57 TO R60	R56 R58	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 TO C6	C4 C5 C7 C8			C9 C10	C11 C12	C13 C14	C15 C16	C17 C18	C19 C20	C21 C22 C24	C23	C25 TO C29	C26 C27 C28	C29	C30 C33	C34-C C36	C35 C38 C39 C41 C43	C40 C42 C37-B	C44 C45 C37-A	C46 C47 C48 C49	C50 C51	C52 C53 C54	

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
 S1
 78 (MONAURAL)
 LP (MONAURAL)
 RIAA1 (STEREO)
 RIAA2 (STEREO)
 RIAA3 (STEREO)
 TUNER (STEREO)
 AUX1 (STEREO)
 AUX2 (STEREO)

OUTPUT SELECTOR POSITIONS
 S2
 REVERSE (STEREO)
 STANDARD (STEREO)
 CHANNEL A+B (MONAURAL)
 CHANNEL B+A (MONAURAL)

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	R91
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																																