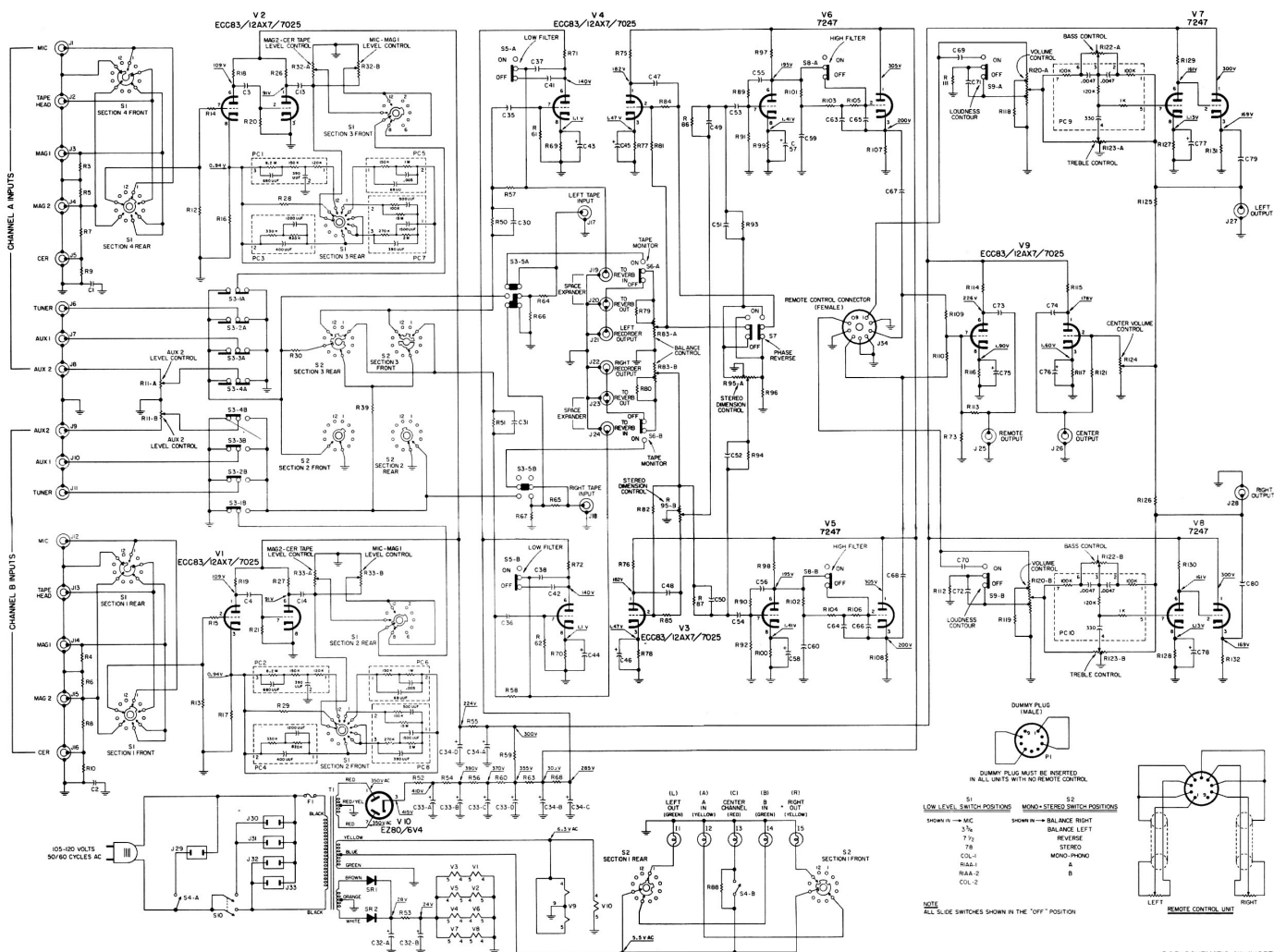
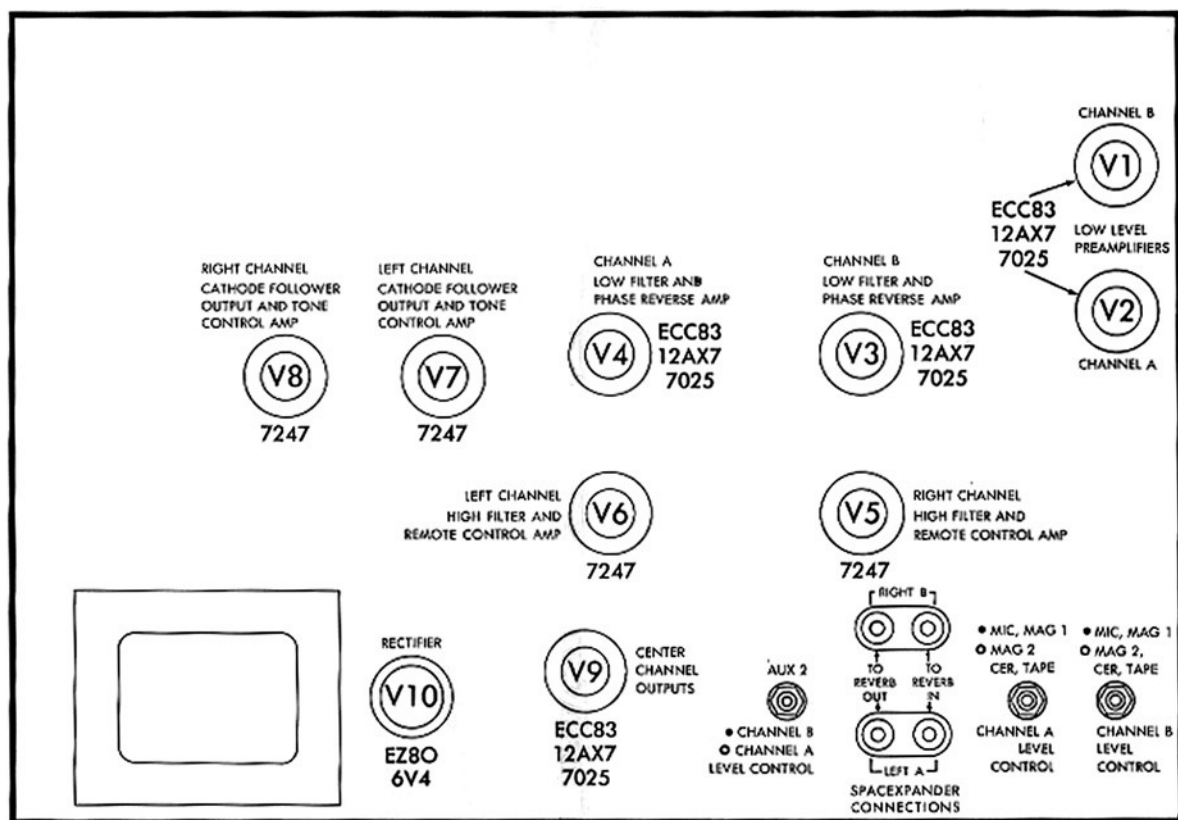




P851 SCHEMATIC AW #1857A

TUBE LAYOUT



AW1051A

PARTS DESCRIPTION LIST

CAPACITORS

10% tolerance for all fixed capacitors, unless otherwise noted or marked GMV (guaranteed minimum value).

Symbol	Description	Part No.
C1, 2	Ceramic, 100uf, N1500, 100V	C50070-6
C3, 4	Mylar, .022uf, 250V	C50197-49
C13, 14	Mylar, .047uf, 250V	C50197-52
C30, 31	Ceramic, 100uf, N1500, 1000V	C50070-6
C32	Electrolytic, 2 section A — 1000uf, 35V B — 1000uf, 35V	C50180-29
C33	Electrolytic, 4 section A — 40uf, 450V B — 10uf, 450V C — 10uf, 450V D — 40uf, 450V	C50180-10
C34	Electrolytic, 4 section A — 30uf, 350V B — 10uf, 250V C — 30uf, 350V D — 10uf, 300V	C50180-30
C35, 36	Ceramic, .005uf, 20%, 500V	C50089-1
C37, 38	Ceramic, .0039uf, 1000V	C50072-34
C41, 42	Mylar, .1uf, 250V	C50197-54
C43, 44	Electrolytic, 50uf, 3V	C50283-1
C45, 46	Mylar, .1uf, 250V	C50197-54
C47, 48	Ceramic, 33uf, 5%, N150, 1000V	C50070-25
C49, 50	Ceramic, 24uf, 5%, N150, 1000V	C50070-8
C51, 52	Mylar, .033uf, 250V	C50197-51
C53, 54	Ceramic, 2700uf, 1000V	C50072-17
C55, 56	Electrolytic, 50uf, 3V	C50283-1
C57, 58	Ceramic, 300uf, 1000V	C50072-39
C59, 60	Ceramic, 1000uf, 1000V	C50072-30
C63, 64	Ceramic, 220uf, 1000V	C50197-57
C65, 66	Mylar, .68uf, 250V	C50072-20
C67, 68	Ceramic, 220uf, 1000V	C50072-20
C69, 70	Mylar, .047uf, 250V	C50197-52
C71, 72	Mylar, .68uf, 250V	C50197-57
C73, 74	Electrolytic, 50uf, 3V	C50283-1
C75, 76	Mylar, .68uf, 250V	C50197-57
C77, 78		
C79, 80		

RESISTORS AND POTENTIOMETERS

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

Symbol	Description	Part No.
R3, 4, 5, 6	Dep. Carbon, 100K, 5%, 1/2 W	R33DC104J
R7, 8		
R9, 10	Dep. Carbon, 120K, 5%, 1/2 W	R33DC124J
R11	Potentiometer, Dual, 250K, aux. 2 level	R50160-71
R12, 13	Dep. Carbon, 100K, 5%, 1/2 W	R33DC104J
R14, 15	Dep. Carbon, 10K, 5%, 1/2 W	R33DC103J
R16, 17	Glass, 2.7K, 5%, 1W	R30G272J
R18, 19	Glass, 330K, 5%, 1W	R30G334J
R20, 21	Dep. Carbon, 4.7M, 5%, 1/2 W	R33DC475J
R22, 23	Dep. Carbon, 220K, 5%, 1/2 W	R33DC224J
R24, 25	Composition, 560K	RC20BF564K
R26, 27	Dep. Carbon, 100K, 5%, 1/2 W	R33DC104J
R28, 29	Potentiometer, Dual, 250K,	
R30	Mag. 1 & Mag. 2 level	R50160-71
R32, 33	Dep. Carbon, 100K, 5%, 1/2 W	R33DC104J
R34, 35	Dep. Carbon, 120K, 5%, 1/2 W	R33DC124J
R36, 37	Glass, 330, 3W	RPG3W331K
R38, 39	Wirewound, 10K, 7W	R851-128
R40, 41	Glass, 1K, 3W	RPG3W102K
R42, 43	Composition, 47K	RC20BF473K
R44, 45	Glass, 1K, 3W	RPG3W102K
R46, 47	Composition, 1.5M	RC30BF155K
R48, 49	Glass, 5.6K, 3W	RPG3W562K
R50, 51	Glass, 1K, 3W	RPG3W102K

R61, 62	Dep. Carbon, 220K, 5%, 1/2 W	R33DC224J
R63	Glass, 4.7K, 3W	RPG3W472K
R64, 65	Composition, 300K, 5%	RC20BF304J
R66, 67	Dep. Carbon, 100K, 5%, 1/2 W	R33DC104J
R68	Composition, 15K	RC20BF153K
R69, 70	Composition, 1.5K	RC20BF152K
R71, 72	Composition, 330K	RC20BF334K
R73	Dep. Carbon, 4.7M, 5%, 1/2 W	R33DC475J
R75, 76	Dep. Carbon, 220K, 5%, 1/2 W	R33DC224J
R77, 78	Dep. Carbon, 2.7K, 5%, 1/2 W	R33DC272J
R79, 80	Dep. Carbon, 100K, 5%, 1/2 W	R33DC104J
R81, 82	Dep. Carbon, 470K, 5%, 1/2 W	R33DC474J
R83	Potentiometer, dual, 250K, balance	R50160-65
R84, 85		
R86, 87	Dep. Carbon, 470K, 5%, 1/2 W	R33DC474J
R88	Composition, 33	RC20BF330K
R89, 90	Composition, 2.7M, 5%	RC20BF275J
R91, 92	Composition, 2.2M, 5%	RC20BF225J
R93, 94	Dep. Carbon, 470K, 5%, 1/2 W	R33DC474J
R95	Potentiometer, dual, 1M, dimension	R50160-70
R96	Dep. Carbon, 470K, 5%, 1/2 W	R33DC474J
R97, 98	Dep. Carbon, 120K, 5%, 1/2 W	R33DC124J
R99, 100	Composition, 1.8K	RC20BF182K
R101, 102		
R103, 104		
R105, 106	Dep. Carbon, 47K, 5%, 1/2 W	R33DC473K
R107, 108	Composition, 68K, 10%, 1W	R30BF683K
R109, 110	Dep. Carbon, 470K, 5%, 1/2 W	R33DC474J
R111, 112	Dep. Carbon, 10K, 5%, 1/2 W	R33DC103J
R113	Dep. Carbon, 220K, 5%, 1/2 W	R33DC224J
R114, 115	Dep. Carbon, 220K, 5%, 1/2 W	R33DC224J
R116, 117	Dep. Carbon, 2.7K, 5%, 1/2 W	R33DC272J
R118, 119	Dep. Carbon, 22K, 5%, 1/2 W	R33DC223J
R120	Potentiometer, dual, 100K, volume	R50160-69
R121	Dep. Carbon, 470K, 5%, 1/2 W	R33DC474J
R122	Potentiometer, dual, 1M, bass	R50160-66
R123	Potentiometer, dual, 500K, treble	R50160-67
R124	Potentiometer, 500K, center volume	R50160-68
R125, 126	Dep. Carbon, 270K, 5%, 1/2 W	R33DC274J
R127, 128	Composition, 1.5K	RC20BF152K
R129, 130	Composition, 180K	RC20BF184K
R131, 132	Composition, 68K, 1W	R30BF683K

MISCELLANEOUS

Symbol	Description	Part No.
F1	Fuse, .5 amp., slo-blo	F795-136
I1, 2, 3,		
4, 5	Lamp, #47	I50009-1
PC1, 2	Printed Circuit, 3 1/2, tape EQ.	PC50187-7
PC3, 4	Printed Circuit, COL, EQ	PC50187-6
PC5, 6	Printed Circuit, 78, EQ.	PC50187-8
PC7, 8	Printed Circuit, R1AA, 7 1/2, EQ.	PC50187-3
PC9, 10	Printed Circuit, tone control	PC657-140
P1	Plug, dummy	P50181
S1	Switch, low level	S851-126
S2	Switch, mono-stereo	S851-127
S3	Switch, push button	S851-119
S4	Switch, center ch., power	Part of R124
S5, 6, 7,		
8, 9	Switch, slide	S50200-5
S10	Switch, power	Part of R120
SR1, 2	Diode, silicon, SD91	SR851-121
T1	Transformer, power	T851-115
—	Dress panel	AS851-106
—	Shielded cable	AS50004-1
—	Knob, push button	E851-116
—	Knob, dual, front	E50323
—	Knob, dual, rear	E50221
—	Knob	E50325-1
—	Jewel, red	I50162-1
—	Jewel, yellow	I50162-2
—	Jewel, green	I50162-4