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THE TRANSCENDENT OTL 80 WATT VERSION

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AUDIO REALITY / 81

PARTS LIST

R1	10	B2	35A-100V BRIDGE RECTIFIER MUST HEAT SINK
R2	100K	CL1	KEYSTONE CL40 THERMISTER
R3	698K	F1, F2	1.5 AMP SLOW BLOW FUSE
R4	220K	F3	6 AMP SLOW BLOW FUSE
R5	3K	S1	15A SWITCH
R6	100	T1	200V-100MA TRANSFORMER HAMMOND 263AX
R7	1M	T2	120V-50MA TRANSFORMER
R8	33K-2W	T3	240V-1.38A CENTER TAPPED TOROID, AVEL TRANSFORMER D4059
R9	39K-2W	T4	20V-8A TOROID, HAMMOND 180 N40
R10	15K-3W	V1	12AX7A VACUUM TUBE
R11, R12	2K	V2, V3	12AU7A VACUUM TUBE
R13, R14	300K	V4-V11	EL-509 VACUUM TUBE
R15	2.7K-5W		
R16	10K-2W		
R17-R20	33K-2W		
R21, R22	1K		
R23-R26	100-5W		
R27-R30	100K		
R31-R34	2-5W		
R35	30K		
R36-R39	100-5W		
R40	7.5-2W		
R41-R44	100K		
R45-R48	2-5W		
R49	30K		
R50	47K-2W		
R51	1M		
R52, R53	82K		
R54	10K		
R55, R56	47K-2W		
R57	82-5W		
P1	5K LINEAR POT, 1/2W, 500V		
C1	22 MFD-450V		
C2	100 MFD-25V		
C3	.1 MFD-630V		
C4	1500 PF-500V		
C5, C6	47 MFD-350V		
C7, C8	1 MFD-630V, QUALITY FILM TYPE		
C9, C10	22 MFD-350V		
C11	.1 MFD-630V		
C12-C15	22 MFD-350V		
C16, C17	.1 MFD-630V		
C18-C21	2200 MFD-200V		
C22	20,000 MFD-40V		
C23	.01 MFD-400V		
D1-D4	1A-1000V DIODE		
Z1-Z3	150V-5W ZENER		
B1	35A-600V BRIDGE RECTIFIER MUST HEATSINK		

FOR 25 WATT VERSION

ELIMINATE THE FOLLOWING:

V6, V7, V10, V11, R25, R26, R29, R30, R33, R34, R38, R39, R43, R44, R47, R48, C20, C21

CHANGE THE FOLLOWING:

F1, F2 TO 3/4A, SLOW BLOW
F3 TO 3A, SLOW BLOW

CL1 TO KEYSTONE CL60 THERMISTER
T3 TO 240V-.67A CENTER TAPPED TOROID
HAMMOND 180 H240
T4 TO 20V-4.5A TOROID, HAMMOND 180 L40

PIN CONNECTIONS FOR EL-509

