

MODEL D79  
VACUUM TUBE AMPLIFIER  
SCHEMATIC AND PARTS LIST

**audio research corporation**

2843 TWENTY-SIXTH AVENUE SOUTH  
MINNEAPOLIS, MINNESOTA 55406



D-79 PARTS LIST

<u>COMPONENT</u>	<u>QUAN.</u>	<u>DESCRIPTION</u>	<u>VALUE</u>	<u>RATING</u>	<u>TOL.</u>	<u>ARC PART NO.</u>
R1	2	Composition	10K	1/2W	5%	41100403
R2	2	Metal Film	1.5K	1/2W	1%	42150303
R3,19	4	Metal Film	301K	1/2W	1%	42301503
R4	2	Metal Film	316K	1/2W	1%	42316503
R5,6,82	5	Composition	470K	1/2W	5%	41470503
R7,17,18	6	Metal Film	301K	3/4W	1%	42301504
R8	2	Metal Film	100K	3/4W	1%	42100504
R9,10	4	Metal Film	205Ω	1/2W	1%	42205203
R11,16	4	Metal Film	6.2K	2W	2%	46620301
R12,15	4	Composition	39K	1/2W	5%	41390403
R13,14	4	Metal Film	825Ω	1/2W	1%	42825203
R20,23	4	Composition	39K	2W	5%	41390405
R21,22	4	Wire Wound	10K	5W	5%	43100400
R24,25	4	Composition	4.7Meg	1/2W	5%	41470603
R26,27	4	Metal Film	4.99K	1/2W	1%	42499303
R28,29	4	Metal Film	2.21K	1/2W	1%	42221303
R36,37	4	Metal Film	49.9K	1/2W	1%	42499403
R38,39	4	Composition	22K	1/2W	5%	40220403
R40,41	4	Metal Film	35.7K	1/2W	1%	42357403
R42,43	4	Composition	33Ω	2W	10%	40330105
R44,47	4	Composition	1K	1/2W	5%	41100303
R45,46	2	Composition	47K	1/2W	5%	41470403
R48,49	4	Wire Wound	.634Ω	3W	1%	43634000
R50,51,72	5	Wire Wound	10Ω	3W	5%	43100103
R52,53,55	3	Wire Wound	400Ω	7W	5%	43400201
R54	1	Metal Film	133K	3/4W	1%	42133504
R56	1	Wire Wound	600Ω	5W	5%	43600200
R57	1	Wire Wound	3.3K	7W	5%	43330300
R58,59,62-67,75	9	Composition	100Ω	1/2W	10%	40100203
R60	1	Composition	1.2K	1W	5%	41120304
R61	1	Composition	22Ω	2W	5%	41220105
R68	1	Composition	100K	1W	5%	41100504
R69	1	Composition	180K	1W	5%	41180504
R70,71	2	Composition	100K	2W	5%	41100505
R73	1	Composition	270K	1W	5%	41270504
R74	1	Composition	33K	1/2W	5%	41330403
R76	1	Composition	470Ω	1/2W	5%	41470203
R77	1	Composition	27K	2W	5%	41270405
R78	1	Composition	33K	2W	5%	41330405
R79	1	Composition	2.7K	2W	5%	41270305
R80	1	Composition	390K	2W	10%	40390505
R81	1	Composition	180K	1W	10%	40180504
C1	2	Silver Mica	100pF	500V	5%	57100201
C2,8,9	6	Mylar	5.0μF	100V	10%	53500603
C3,4	4	Silver Mica	390pF	500V	5%	57390200
C5	2	Mylar	2.0μF	600V	10%	52200600
C6,7	4	Silver Mica	5pF	500V	10%	57500000
C10,11	4	Mylar	2.0μF	600V	10%	53500600
C12	2	Mylar	1.0μF	100V	10%	53100600
C13	1	Electrolytic	10μF	450V		53100702
C14,45	2	Mylar	.01μF	1600V	10%	53100403

C15	1	Electrolytic	10 $\mu$ F	150V		53100703
C16,18,43	3	Electrolytic	150 $\mu$ F	75V		50150800
C17,19	2	Electrolytic	500 $\mu$ F	25V		50500802
C20	1	Electrolytic	50 $\mu$ F	150V		50500700
C21-40,44	21	Electrolytic	600 $\mu$ F	350V		50600802
C41,42	2	Mylar	.05 $\mu$ F	600V	10%	53500400
BR1	1	IN4439FS Bridge	10A	800V		30500800
D1-8,11,13-16,18,21	20	IN4005	1A	600V		30500400
D9,10,17	3	IN4006	1A	800V		30502200
ZD1,2,3-8,9	9	IN5368B	47V	5W	5%	30500100
V1,2,19,20,22,23	6	ECC83/12AX7				32000100
V3-10	8	6FQ7				32000202
V15-16,17-18	2 pr.	6550 (Matched Pair)				32000502
V21	1	6550				32000501
SW1	1	On/Off Switch				24100900
SW2,3	2	Meter Switch				24001100
RV1,2	2	Input Level	100K Lin.		10%	45100518
RV3,4	2	AC Bal.	20K Lin.			45200411
RV5-8	4	Bias. Adv.	20K Lin.			45200411
RV9	1	Voltage Adv.	20K Lin.			45200411
T1	1	Power Transformer				60003600
T2,3	2	Output Transformer				60001500
RY-1	1	Relay	6K	110V DC		64100100
M1	1	Line Voltage Meter		0-300VAC		65000110
M2,3	2	Output Meter		0-1MaDC		65000210
F1,2	2	FNM Fuse Slo-Blo		3.2 Amp		34500401
F3	1	KTK Fuse		1 Amp		34500303
F4	1	KTK Fuse		1/2 Amp		34500201
F5	1	MDV Fuse Slo-Blo		1/8 Amp		34500000
F6	2	AGC Fuse		5 Amp		34500504
PL1-4	4	NE2J/C9A Neon				34000000
PL5-10	6	#47 Lamp	6.3V	.15A		34000400