

PARTS LIST

This section contains parts lists for the Model-LMS power amplifier. It has the top assembly listing followed by listings of the various subassemblies, down to the piece part level.

Top Assembly

Reference No.	Part Description	Manufacturer part number	Qty.
	Power Amplifier Module as specified.		1
	Mechanical	MECH	1
	Electrical Parts		1
	Control Board	T-101298-SA	1
	Power Supply 13.8 V		1

Mech Assy

Reference No.	Part Description	TPL Part Number	Qty.
	Panel Front	101633	1
	Panel Rear	101634	1
	Enclosure	101635	1
	Power Supply Plate	101637	1
	Side Bracket	101637	2
	Hinge	H2-125	2

HMS Control Board P/N T-101298-SA

Reference No.	TPL Part Number	Description	Qty.
	T-101298	PCB Control Board	1
U1,U3	B7-124	LM324N Integrated Circuit	2
U2	B7-139	LM7805CT Integrated Circuit	1
C1,C2,C3,C5,C6,C7,C8,C9 C10	A5-268	.1uf Ceramic Capacitor	9
SW1		Switch, SPDT	1
R76,R79	C1-194	8.2K Resistor	2
R35	C1-156	220 Ohm Resistor	1
R18,R20,R34,R41	C1-148	100 Ohm Resistor	4
R21,R22,R33,R43,R52	C1-203	20K Ohm Resistor	5
Q1,Q2,Q3,Q6	B2-139	MPS-A14 Transistor	4
R23,R24,R72,R73	C1-213A	49.9K Ohm 1% Resistor	4
R32,R36,R40,R53,R58 R61,R63,R65,R66,R74,R75	C1-196	10K Ohm Resistor	11
R37	C1-220	100K Ohm Resistor	1
Q4,Q5	B2-100A	2N4401 Transistor	2
R46,R49,R59,R60,R62,R64 R67,R68,R71,R77,R78	C1-172	1K Ohm Resistor	11
R44,R47	C1-244	1M Ohm Resistor	2
D1,D3,D4,D5,D6,D7,D9	B3-110	1N4148 Diode	7
R48,R45,R50	C1-188	4.7K Ohm Resistor	3
Q8,Q9	B2-149A	2N4403 Transistor	2
D2	B3-119	1N751A Zener Diode	1
C4	A4-113A	33uf Capacitor	1
VR1	C3-106	10TP20K 10 Turn Potentiometer	1
VR6,VR7	C3-109	P20K Potentiometer	2

VR4,VR3,VR5	C3-102	P5K Potentiometer	3
VR2,VR8	C3-101	P10K Potentiometer	2
R42,R17,R19,R29,R57		0 Ohm Jumper	5
R1,R2,R7,R8	C1-222A	121K Ohm Resistor 1%	4
R3,R4,R9,R10	C1-237A	449K Ohm Resistor 1%	4
R5,R6,R11,R12	C1-246A	1.21M Ohm Resistor 1%	4
R13,R14,R15,R16	C1-181A	2.49K Ohm Resistor 1%	4
Q7	B2-104	TIP105 Transistor	1
R51	C1-190	5.6K Ohm Resistor	1
R26	C1-199	13K Ohm Resistor	1
R69,R70		4.99K Ohm Resistor	2
D8		1N749A Zener Diode	1
U4		LM78L08 Integrated Circuit	1
R30,R39	C1-165	510 Ohm Resistor	2
R54		TBD	1
R31,R38	C1-160	330 Ohm Resistor	2

Electrical Parts.

Reference No.	Part Description	TPL Part Number	Qty.
	Knob PT6-P	J6-131	1
P5	Plug, AC, Male	J6-108	1
	Line Cord ASSY	J6-107	1
	Fuse Holder	J2-109	1
Fan1,2	Fan 12VDC	J1-114	2
M1	Meter, LMS	J6-145	1
SW2	Switch, Meter Centralab, PA-500	J1-131	1
SW1	Switch, AC ON/OFF, Rocker	J1-119	1
	LED Holder LH48	J3-114	5
C3	Capacitor, 1000uf, 25 V	A4-121	1
D1,2,3	Flashing Red LED, Telefunken TLBD5410	J3-113	3
D4,D5	Green LED	J3-107	2
R2,R3	Sense Resistor 0.005 Ohm	C2-270	2
P1,P3	Plug Molex 03-06-2032	F1-104	2
J1,J3	Jack Molex 03-06-1041	F1-104-1	2
P4	DB25 Plug	FF-142	1
J4	DB25 Jack	FF-251	1
J1	Connector 44 Pin, HCA22S0, Winchester	F2-114	1
	Plastic Hood for DB25	FF-142-1	1
	Male Terminal, Molex	F2-116	11
	Female Terminal, Molex	F2-117	11
	Terminal Block	F2-114	1