

REPLACEMENT PARTS

CAPACITORS

SYMBOL	DESCRIPTION	PARTS NUMBER
C-116,119,152	40 pF 50 WV Silvered Mica	
C-68,70,72,162	60 pF 50 WV Silvered Mica	
C-62,63,64,136,153	100 pF 50 WV Silvered Mica	
C-19,115,118,121	150 pF 50 WV Silvered Mica	
C-155,161,66	250 pF 50 WV Silvered Mica	
C-65,157	400 pF 50 WV Silvered Mica	
C-158	650 pF 50 WV Silvered Mica	
C-113	10 pF 50 WV N470 Disc	
C-127,130	20 pF 50 WV N750 Disc	
C-99,100,101,102,,103, 104	20 pF 50 WV N1500 Disc	
C-114	150 pF 50 WV Disc	
C-184	390 pF 50 WV Disc	
C-4,8	0.005 μ F 50 WV Disc	
C-3,14,16,76,78,84, 138,167,168,169, 173,175	0.02 μ F 50 WV Disc	
C-1,2,35,43,44,45,46, 47,49,51,75,77,82, 87,88,125,141,143, 149,189,193	0.01 μ F 50 WV Disc	
C-6,12,22,24,26,28,31, 32,34,38,50,55,59,67, 74,80,81,83,85,92,96, 98,122,126,129,135,154, 159,160,163,165,177 196	0.04 μ F 50 WV Disc	
C-18,39,42,117,120, 128,131,132,133	0.001 μ F 50 WV Mylar	
C-41	0.002 μ F 50 WV Mylar	
C-90	0.01 μ F 50 WV Mylar	
C-10,23,30,33,52,89, 182,183	0.04 μ F 50 WV Mylar	
C-5,40,188	0.1 μ F 25 WV Alminum	
C-195	0.001 μ F 50 WV Tubra	

RESISTORS

SYMBOL	DESCRIPTION	PARTS NUMBER
R-120	0.5 Ohm 1/4W Carbon	
R-159	2.2 Ohm 1/4W Carbon	

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SYMBOL	DESCRIPTION	PARTS NUMBER
R-123,124	10 Ohm 1/4W Carbon	
R-45,114,119	47 Ohm 1/4W Carbon	
R-140	68 Ohm 1/4W Carbon	
R-3,9,54,59,127,129, 143	100 Ohm 1/4W Carbon	
R-61	150 Ohm 1/4W Carbon	
R-122	180 Ohm 1/4W Carbon	
R-6,17,21,25,55,65,69, 81,108,112,134,142, 147,160	220 Ohm 1/4W Carbon	
R-135	390 Ohm 1/4W Carbon	
R-71,72,82,103,113, 118,126	470 Ohm 1/4W Carbon	
R-5,13,16,20,24,64,68, 76,84,85,88,91,100, 107,141,151	1K Ohm 1/4W Carbon	
R-121	1.2K Ohm 1/4W Carbon	
R-32,35,37,38,39,40	1.5K Ohm 1/4W Carbon	
R-19,49,10J	2.2K Ohm 1/4W Carbon	
R-10	2.7K Ohm 1/4W Carbon	
R-2,43,52,77,79,83, 106,148,150,154	3.3K Ohm 1/4W Carbon	
R-111,125,146	4.7K Ohm 1/4W Carbon	
R-11,22,50,62,66,74, 98,109,115,145, 152,158	5.6K Ohm 1/4W Carbon	
R-14,97,131,138	6.8K Ohm 1/4W Carbon	
R-46	8.2K Ohm 1/4W Carbon	
R-33,41,48,56,57,60,70, 86,89,92,94,117,128, 130,149,155	10K Ohm 1/4W Carbon	
R-53,73	15K Ohm 1/4W Carbon	
R-23,67,80,87,90,93,99, 102,144	22K Ohm 1/4W Carbon	
R-12,110,116,133,153	27K Ohm 1/4W Carbon	
R-15,47,75	33K Ohm 1/4W Carbon	
R-26,34,36,63,95	47K Ohm 1/4W Carbon	
R-31,44	56K Ohm 1/4W Carbon	
R-157	82K Ohm 1/4W Carbon	
R-1,8,156	100K Ohm 1/4W Carbon	
R-42	150K Ohm 1/4W Carbon	

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RESISTORS

SYMBOL	DESCRIPTION	PARTS NUMBER
R-29	220K Ohm 1/4W Carbon	
R-4,18,58	330K Ohm 1/4W Carbon	
R-28	560K Ohm 1/4W Carbon	
R-7,27	1M Ohm 1/4W Carbon	
R-96	470 Ohm 1/4W R type Carbon	
R-104,105	330 Ohm 1/4 R type Carbon	
R-132	10K Ohm 1/4W R type Carbon	
R-30	220K Ohm 1/4W R type Carbon	
R-136	47 Ohm 1/2W R type Carbon	
R-51,78	56 Ohm 1/2W R type Carbon	
R-139	1 Ohm 1W Metal	
R-137	10 Ohm 2W Metal	

VARIABLE RESISTORS

SYMBOL	DESCRIPTION	PARTS NUMBER
VR-1	100K Ohm B, KVSF10-5BM, Semi-fixed	
VR-2	50K Ohm B, KVSF10-5BM, Semi-fixed	
VR-3	5K Ohm B, KVSF10-6BM, Semi-fixed	
VR-4	200K Ohm B, KVSF10-6BM, Semi-fixed	
VR-5	500K Ohm B, KVSF10-6BM, Semi-fixed	
VR-6,15	100K Ohm B/10K Ohm A, Dual, Variable w/SW	
VR-7,9	30K Ohm B, KVSF10-6BM, Semi-fixed	
VR-10	100 Ohm, EVS-PIA00E12, 8 ϕ Solid	
VR-11	5K Ohm B, KVSF10-5BM, Semi-fixed	
VR-12	100K Ohm B, KVSF10-6BM, Semi-fixed	
VR-8,14	10K Ohm B, KVSF10-6BM, Semi-fixed	
VR-13	200 Ohm B, KVSF10-6BM, Semi-fixed	

CRYSTALS

SYMBOL	DESCRIPTION	PARTS NUMBER
X-1	7.3435 MHz. HC-25/U	
X-2	11.805 MHz. HC-25/U	
X-3	11.855 MHz. HC-25/U	
X-4	11.905 MHz. HC-25/U	
X-5	11.955 MHz. HC-25/U	
X-6	12.005 MHz. HC-25/U	
X-7	12.055 MHz. HC-25/U	
X-8	7.3615 MHz. HC-25/U	

REPLACEMENT PARTS

CRYSTALS

SYMBOL	DESCRIPTION	PARTS NUMBER
X-9	7.3715 MHz. HC-25/U	
X-10	7.3815 MHz. HC-25/U	
X-11	7.4015 MHz. HC-25/U	
X-12	7.3585 MHz. HC-25/U	
X-13	7.3685 MHz. HC-25/U	
X-14	7.3785 MHz. HC-25/U	
X-15	7.3985 MHz. HC-25/U	
X-16	7.8015 MHz. HC-25/U	
X-17	7.7985 MHz. HC-25/U	

SWITCHES

SYMBOL	DESCRIPTION	PARTS NUMBER
S-2,3	SL-2-2-2-12, 6P, Slide Switch (RF Gain/Blanker)	
S-4-1 . . . S-4-8	MS14-2-8-3, Mode Switch	
S-5-1 . . . S-5-3	SL-3-3-2-01, 9P, Slide Switch (PA/CB) RL-2.4.24, Channel Selector	

MISCELLANEOUS

SYMBOL	DESCRIPTION	PARTS NUMBER
PL-1	16V 80mA, Blank, Pilot Lamp	
PL-2	16V 40mA, Red, Pilot Lamp	
PL-3	16V 40mA, Yellow, Pilot Lamp	
	K07F22A, Crystal Filter	
	LF-B6, Ceramic Filter	
	A-39, Meter	
	MTS-50F-20A, Air-Varicon for Clarifier	
CT-1 . . . CT-17	ECV-1ZW20P32, Ceramic Trimmer	
ANT	M-R type Antenna Connector	
EXT SP	SJ296, External Speaker Jack	
SP	92-02D, Speaker	
MIKE	22-115-31, Microphone	
RL	AE3344, Relay	

REPLACEMENT PARTS

MISCELLANEOUS

SYMBOL	DESCRIPTION	PARTS NUMBER
	SD-0105, Crystal Socket	
	3-P, Microphone Plug	
	3-P, Microphone Jack	
	3-P, Ext. Power Plug	
	3-F, Ext. Power Jack	
	RF-104, Fuse Holder	
	Fuse, 2-amp.	
	A4. 100-051, Test Terminal	
	UT-123-103-00, Printed Circuit Board	
	M2-02061 Front Panel (ABS)	
	M2-02062 Metal Chassis Complete	
	M3-02065 Metal Cabinet (Top)	
	M3-02066 Metal Cabinet (Bottom)	
	M3-02067 Mounting Bracket	
	M3-02068 Baffle Board	
	M4-02069 Heat-sink (A)	
	M4-02070 Heat-sink (B)	
	M3-02071 Front Chassis	
	M4-02072 P.C. Board Holder	
	M4-02073 Shield Board	
	M4-02074 Spring Nut	
	M4-02075 Channel Knob Complete	
	M4-02078 Front Plate (Wooden-grain)	
	M4-02079 Front Plate (Silver Hair-line)	
	M4-02080 FCC Plate	
	M4-02081 Speaker Net	
	M4-00601 Lamp Bracket	
	M4-00617 Condensor Bracket	
	M4-00640 Screw for Mounting Bracket	
	M4-00631 Volume Knob (A)	
	M4-00632 Volume Knob (B)	
	M3-00633 Selector Knob	
	Styrofoam Box	
	Display Box	
	Instruction Booklet	
	FCC Application Form	
	Warranty Card	

CRYSTAL FREQUENCY CHART (SSB USB/LSB)

XTAL	CHANNEL																						
MASTER ^{USB} LSB	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
11.805	●	●	●	●																			
11.855					●	●	●	●															
11.905									●	●	●	●											
11.955													●	●	●	●							
12.005																	●	●	●	●			
12.055																					●	●	●
USB																							
7.3615	●				●				●				●				●				●		
7.3715		●				●				●			●				●			●			●
7.3815			●				●				●			●				●					
7.4015				●				●				●			●				●			●	
7.7985	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LSB																							
7.3585	●				●				●				●				●				●		
7.3685		●				●				●			●				●			●			●
7.3785			●				●				●			●				●			●		
7.3985				●				●				●			●				●			●	
7.8015	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

CRYSTAL FREQUENCY CHART (AM)

XTAL	CHANNEL																						
MASTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
11.805	●	●	●	●																			
11.855					●	●	●	●															
11.905									●	●	●	●											
11.955													●	●	●	●							
12.005																	●	●	●	●			
12.055																					●	●	●
7.3615	●				●				●				●				●				●		
7.3715		●				●				●			●				●			●			●
7.3815			●				●				●			●				●					
7.4015				●				●				●			●				●			●	
XMTR																							
7.7985	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
RCVR																							
7.3435	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

FACTORY WARRANTY POLICY

This electronic equipment, manufactured by Pearce-Simpson, Inc., is warranted in accordance with the following terms and conditions —

A. PEARCE-SIMPSON, INC. WILL:

Replace any defective part of this equipment during the 90 day period following purchase.

Repair, at our factory, without charge, this equipment, if a defect develops during the first 90 days following purchase. (This repair service is free only at the factory. No reimbursements can be made for non-factory repair charges.)

B. THE PURCHASER WILL:

Return the warranty registration card within 10 days of purchase.

Pay all transportation charges involved when equipment is returned for factory repair, provide information regarding nature of failure, and accept freight collect shipment of repaired equipment.

The above is void if equipment is modified or repaired without authorization, subjected to misuse, abuse, accident, water damage or other neglect, or has its serial number defaced or removed, or if more than 9 months has elapsed since factory shipment date to dealer.

No obligation is assumed by Pearce-Simpson, Inc., to update previously manufactured equipment.

This warranty is in lieu of all other warranties expressed or implied and no representative or person is authorized to assume for us any other liability in connection with the sale of our products.

PEARCE-SIMPSON
DIVISION OF **GLADDING** CORP.

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P.O. BOX 800 BISCAYNE ANNEX MIAMI, FLORIDA 33152

Other Gladding Outdoor Recreation Products Include: Gladding-Hedlund Water Skis; Gladding-Kalamazoo Sleds; Del-Rey Campers and Recreational Vehicles; Gladding-Ranger Sleeping Bags, Bowling, School, Club and Utility Bags; Gladding-South Bend Fishing Tackle; H-I Fishing Tackle; Gladding-Fishing Lines; Gladding-Marine Ropes and Cords; Pearce-Simpson Marine Communications Equipment; Del-Rey Campers and Travel Trailers; Omega Motor Homes and Travel Trailers; Aqua-Float Life Vests, Life Belts and Ring Buoys; Claricon Home Stereo Sets; Carter Sportswear and Outer Clothing.