

**Transceiver Adjustments/Tune-Up Procedure**

There are no user accessible adjustments or tuning in this portable ceullar transceiver. All necessary adjustments and tuning are performed during manufacture of the product. Any adjustments or tuning after service or repair are done as part of that process as special equipment is required to perform such adjustments.

## Parts List

REFERENCE SYMBOL	PART NUMBER	DESCRIPTION
R5000	0609591M07	RESNET, 33
R1200 R490 R4300	0609591M25	RESNET, 1K
R4100 R4306	0609591M29	RESNET, 2.2K
R231 R1402 R413 R508	0609591M37	RESNET, 10K
R3825 R4110 R4420		
R5300 R6602	0609591M49	RESNET, 100K
R4111	0609591M53	RESNET, 220K
R61	0660076S01	RES, 0
R1000DNP R133 R212	0662057M01	RES, 0
R210DNP R211DNP R254		
R3000DNP R651 R3804		
R3809 R4402 R5005		
R306 R307 R315	0662057M28	RES, 12
R471 R492 R530 R3824 R4312	0662057M43	RES, 51
R150 R304 R4401DNP R6601	0662057M50	RES, 100
R3015	0662057M58	RES, 220
R6600	0662057M64	RES, 390
R232 R6520DNP	0662057M70	RES, 680
R3800	0662057M72	RES, 820
R271DNP R1500 R1501 R491		
R3900	0662057M74	RES, 1K
R3807	0662057M78	RES, 1.5K
R291 R1400	0662057M79	RES, 1.6K
R250 R3801	0662057M82	RES, 2.2K
R270 R4422	0662057M84	RES, 2.7K
R312 R3803DNP R3823	0662057M86	RES, 3.3K
R221 R305 R1002 R494	0662057M90	RES, 4.7K
R500 R510 R640 R641 R4002	0662057M98	RES, 10K
R411 R3805 R3806		
R4320 R4421 R430	0662057N09	RES, 27K
R493 R3802DNP R4333	0662057N13	RES, 39K
R1407	0662057N23	RES, 100K
R302DNP	0662057N27	RES, 150K
R141	0662057N47	RES, 1MEG
R4001	0662057U98	RES, 7.5K
R4000	0662057V09	RES, 18K
R140 R1405	0662057V19	RES, 47K
R505	0662057V60	RES, 8.25K
RT430	0662057V61	RES, 12.1K
M40	0685660C01	RES, 47K
J10	0985622G01	CONN_J
SW50	0987636K05	CONN_J
J6000	0987796L01	CONN_J
J6500	0987816K04	CONN_J

J30	0987817K01	CONN_J
C3450	0987837L04	CONN_J
C3802	2113743A24	CAP, 0.33UF
C505 C506 C4001	2113743A31	CAP, 1UF
C520	2113743L01	CAP, 220PF
C210 C211 C212 C220	2113743L05	CAP, 330PF
C224 C225 C226 C253	2113743L17	CAP, 1000PF
C256 C273 C274 C276		
C277 C270DNP C280		
C281 C292 C293 C297		
C304 C308 C522 C524		
C3014 C5200DNP C519		
C491 C503	2113743L21	CAP, 1500PF
C312 C314 C1201	2113743L29	CAP, 3300PF
C1501 C114 C116 C120 C121	2113743L33	CAP, 4700PF
C122 C124 C202 C206	2113743L41	CAP, .01UF
C230 C423 C430 C1001		
C1003 C1005 C1006		
C1200 C1403 C1500		
C3002 C3004 C3005		
C3006 C3007 C3008		
C3009 C429DNP		
C5005DNP C6503		
C651DNP		
C4302 C4303 C4301DNP		
C4400 C113 C50DNP	2113743M24	CAP, 0.1UF
C250	2113743N01	CAP, 0.5PF
C133 C254	2113743N03	CAP, 1PF
C115 C132 C251DNP	2113743N05	CAP, 1.2PF
C295	2113743N07	CAP, 1.5PF
C401	2113743N10	CAP, 2.2PF
C134 C518 C630	2113743N11	CAP, 2.4PF
C290 C400	2113743N12	CAP, 2.7PF
C232 C532	2113743N13	CAP, 3PF
C296	2113743N16	CAP, 3.9PF
C130 C631	2113743N18	CAP, 4.7PF
C294	2113743N20	CAP, 5.6PF
C271	2113743N21	CAP, 6.2PF
C125 C301 C315	2113743N22	CAP, 6.8PF
C316DNP C317DNP C421	2113743N26	CAP, 10PF
C3000 C3001		
C117 C303 C431 C492		
C603 C412 C516 C517	2113743N28	CAP, 12PF
C131	2113743N30	CAP, 15PF
C605	2113743N34	CAP, 22PF
C10 C11 C12 C13 C52	2113743N38	CAP, 33PF
C112 C305 C422 C440	2113743N40	CAP, 39PF

C502 C507 C508 C600		
C601 C602 C604 C3015		
C3801 C4200DNP C4300		
C6501 C6507 C6508		
C6509 C6510 C6512		
C6518 C6519		
C150 C530		
C53	2113743N44	CAP, 56PF
C204 C208 C227 C233	2113743N46	CAP, 68PF
C234 C272 C291 C313	2113743N50	CAP, 100PF
C500 C504 C509 C513		
C531 C550 C511		
C510	2113743N60	CAP, 5PF
C306 C420 C650 C3010	2113743N65	CAP, 8PF
C3200 C3250 C3350 C4004	2113928C04	CAP, 4.7UF
C3803 C3804 C4401		
C3150 C3300 C3550	2113928C12	CAP, 10UF
C203 C207 C209	2113928E03	CAP, 2.2UF
C2008DNP C2009DNP	2113928N01	CAP, 0.1UF
C205DNP C219DNP C223		
C231 C302 C490 C501		
C1000 C1002 C1004		
C1008 C1502 C2000		
C2001 C2002 C2003		
C2004 C2005 C2006		
C2007 C4000 C4002		
C4003 C5000 C5001		
C5002 C5003 C5004		
C6520DNP		
C201 C1400 C3003		
C3100 C3400 C3500	2113928P04	CAP, 1.0UF
C4005 C4320 C4430		
C3820 C4111 C6000		
C410DNP	2113947B05	CAP, 33PF
C1402 C4102 C4110	2113947C01	CAP, 1000PF
C4420 C5100 C5300 C6600DNP	2113947H01	CAP, 0.1UF
C4312	2311049A69	CAPP, 10.0UF
L124	2311049A89	CAPP, 22UF
L130	2409154M04	IDCTR, 1.8NH
L132	2409154M06	IDCTR, 2.7NH
L123	2409154M07	IDCTR, 3.3NH
L630	2409154M08	IDCTR, 3.9NH
L120	2409154M09	IDCTR, 4.7NH
L131	2409154M10	IDCTR, 5.6NH
L115	2409154M11	IDCTR, 6.8NH
L501 L531 L603DNP	2409154M12	IDCTR, 8.2NH
L113	2409154M13	IDCTR, 10.0NH

L504 L505	2409154M14	IDCTR, 12.0NH
L112	2409154M15	IDCTR, 15.0NH
L601	2409154M16	IDCTR, 18.0NH
L502DNP	2409154M21	IDCTR, 47.0NH
L114	2409154M32	IDCTR, 4.7NH
L213 L220 L221	2409154M37	IDCTR, 12.0NH
L431DNP L440DNP L500	2409154M48	IDCTR, 100NH
L508 L550 L551 L650		
L121 L122 L52 L53		
L270 L271 L290 L291	2409154M71	IDCTR, 47.0NH
L111	2409154M73	IDCTR, 68.0NH
L272	2409154M75	IDCTR, 100NH
L250 L251 L252DNP	2409377M13	IDCTR, 56NH
L253	2409377M19	IDCTR, 120NH
L420	2409414M31	IDCTR, 150NH
L60	2409646M82	IDCTR, 12NH
L400	2409646M87	IDCTR, 33NH
L293	2409646M93	IDCTR, 3.3NH
L292	2409646M95	IDCTR, 56NH
L552	2409646M97	IDCTR, 82NH
L273	2409646M98	IDCTR, 100NH
L54	2413926N22	IDCTR, 68NH
L506 L507	2485793G02	IDCTR, 5.6NH
L230	2485793G03	IDCTR, 6.8NH
L51	2485793G06	IDCTR, 15NH
SH100	2485793G18	IDCTR, 150NH
SH200	2687330N02	SHIELD
SH500	2687331N02	SHIELD
SH400	2687332N02	SHIELD
SH1000	2687333N02	SHIELD
SH4000	2688435N01	SHIELD
SH3000	2688436N01	SHIELD
J20	2688587M08	SHIELD
M50	3988443N01	CONTACT
SW6001_VUP	3989013L05	CONTACT
SW6002_VDN SW6003_VA	4087635K01	SWITCH
SW6004_SMART		
SW6005_SPKR_ON/OFF		
Q3801 Q3802 Q3803	4809118D02	LNJ115W8P0MT
Q3806DNP Q4401DNP	4809579E02	2SK1830
Q490 Q491 Q640 Q641 Q3804		
Q3805DNP	4809579E29	SI3443
CR3800DNP CR3900	4809579E39	FDG6323L
CR4200 CR5000 CR6000	4809606E08	RB715F
Y650	4809608E03	DTA114YE
CR230	4809718L18	MTE3043B
CR501 CR502	4809877C28	BBY58_06W

Q410	4809877C29	BBY58_05W
Q1500 Q501 Q4400	4809939C34	EMB10
Q4000	4809939C39	EMD9
CR500	4809940E02	DTC114YE
VR4100 VR4300 VR6000	4809948D39	BAR_63-02W
VR6001 VR6002 VR6003	4809948D44	CSPESD304
VR6004 VR6005 VR6006		
Y1000	4809995L16	MS2V
FL5000	4887820K03	SSR48
FL5001	4889526L01	CSPEMI-306
FL6500	4889526L02	CSPEMI-307
Y300	4889526L03	FLTR
U2002	4889695L11	95L11
U1001	5109509A50	HY64UD16162M
U4001	5109522E14	TC7S32F
U210	5109522E82	NC7SB3157
U600	5109572E39	AS179_92
U4300	5109572E49	MASWSS0060
U490	5109731C24	LMV321
U5300	5109768D10	AD8314
U200	5109817F58	17F58
U420	5109817F67	IFR3300
U400	5109908K67	PA2001-4C
U500	5109908K68	PA2001-5C
U130	5109944C48	RFT3100
U5000	5109944C50	RFR3300
U1000	5109962C21	62C21
U3500	5109962C29	MSM5100
U4000	5113816A66	NCP512
U3000	5183353Y01	LM4871
U5100	5187970L03	PM1000
U3800	5187970L15	ISP1104
U2000 U2001DNP	5187970L17	SC801R
U470	5199119J01	GT28F640W30B70
U480	5885811G07	11G07
M20	5887694L23	EXB24AT
FL440	5987947K02	MOTOR
FL250	9103913K16	13K16
FL610	9109142L10	42L10
FL130	9109170T04	855904
FL630	9109239M18	B7708
FL140	9109239M19	SX-B277H-HB0S
FL260	9109474K04	856027
FL620	9185646H09	855893
FL430	9185911J03	11J03
M10DNP M11DNP M12DNP	9188203L01	ACPF-7001