

PPP PB

1 2ABC 3 DEF
4 GHI 5 JKL 6MNO
7 PORS 8 TUV 9WXYZ

With optional stubby antenna

VHF AND UHF TRANSCEIVERS

Compact, Waterproof Professional Radio with 1500 mW Powerful Audio









SPECIFICATIONS

GENERAL	IC-V88	IC-U88	
Frequency coverage	136-174 MHz	335-380 MHz	
Type of emissions	16K0F3E, 11K0F3E (25/12.5 kHz)		
Number of channels	128 channels		
Antenna impedance	50 Ω		
Power supply requirement	7.5 V DC		
Operating temperature range	-30 °C to +60 °C (Radio only)		
Frequency stability	±2.5 ppm		
Current drain (Approximate) Tx High Rx Maximum audio/Stand-by	1.5 A 500 mA (Internal SP) / 77 mA	1.3 A 500 mA (Internal SP) / 80 mA	
Dimensions (W×H×D) (Projections not included)	52.2 × 111.8 × 22.3 mm (with BP-278)		
Weight (Approximate)	230 g (with BP-278)		
TRANSMITTER			
Output power (at 7.5 V DC)	5.5/ 2.0/ 1.0 W (Hi/L2/L1)	4.0/ 2.0/ 1.0 W (Hi/L2/L1)	
Maximum frequency deviation	±5.0 kHz/±2.5 kHz (Wide/Narrow)		
Spurious emissions	70 dB minimum		
External microphone connector	3-conductor 2.5 (d)mm (1/10")/2.2 kΩ		
RECEIVER			
Sensitivity	0.25 μV typical (at 12 dB SINAD)		
Squelch sensitivity	0.25 µV typical (at threshold)		
Adjacent channel selectivity	76 dB/ 53 dB typical (W/N)	73 dB/56 dB typical (W/N)	
Intermodulation	74 dB typical	73 dB typical	
Spurious response	70 dB minimum		
Audio output power Internal speaker External speaker	1500 mW typical (8 Ω load) 400 mW typical (8 Ω load)		
External speaker connector	3-conductor 3.5 (d) mm (1/8")/ 8 Ω		

Measurements made in accordance with EIA/TIA-603.

All stated specifications are subject to change without notice or obligation.

Applicable U.S. Military Specifications & IP Rating

01	MIL 810G		
Standard	Method	Procedure	
Low Pressure	500.5	I, II	
High Temperature	501.5	I, II	
Low Temperature	502.5	I, II	
Temperature Shock	503.5	I-C	
Solar Radiation	505.5	I	
Rain Blowing/Drip	506.5	I, III	
Humidity	507.5	II	
Salt Fog	509.5	-	
Dust Blowing	510.5	I	
Immersion	512.5	I	
Vibration	514.6	I	
Shock	516.6	I, IV	

Also meets equivalent MIL-STD-810-C, -D, -E and -F.

Ingress Protection Standard	
Dust & Water	IP67 (Dust-tight and waterproof protection)

Supplied accessories: (May differ, depending on version)

 Battery pack, BP-278 Desktop charger, BC-213 AC adapter, BC-123SA/SE

• Belt clip, MB-133 Antenna

OPTIONS

Some options may not be available in some countries. Please ask your dealer for details



Battery	Туре	Capacity	Operating time*	
BP-278	Rechargeable	1130 mAh (min.)	Up to	
	Li-ion	1190 mAh (typ.)	10 hours	
BP-279	Rechargeable	1485 mAh (min.)	Up to	
	Li-ion	1570 mAh (typ.)	14 hours	
BP-280	Rechargeable	2280 mAh (min.)	Up to	
	Li-ion	2400 mAh (typ.)	20 hours	

* Tx: Rx: standby = 5:5:90. Power save function ON.



Charges the BP-278 in 2 hours



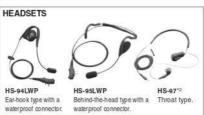
POWER SUPPLY CABLE For use with the BC-213 the BC-214

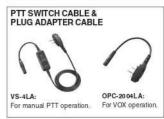
CIGARETTE LIGHTER CABLE &

*1 BC-123SA for the USA plug, SE for the European plug, SV for Australian plug.









^{*2} Either the VS-4LA or OPC-2004LA is required when using the HS-97. BELT CLIP







VHF ANTENNAS • FA-SC25V: 136-150 MHz • FA-SC55V: 150-174 MHz

UHF ANTENNAS • FA-SC01U: 350-400 MHz • FA-SC02U: 330-380 MHz

CUT ANTENNA • FA-SC61VC: 136-174 MHz HIGH GAIN ANTENNAS

• FA-SC62V: 150-160 MHz • FA-SC63V: 155-165 MHz

STUBBY ANTENNAS • FA-SC26VS: 136-144 MHz

- FA-SC27VS: 142-150 MHz FA-SC56VS: 150-162 MHz
- FA-SC57VS: 160-174 MHz

CHARGER ADAPTER • AD-130 AD-130 charger adapter is supplied with the BC-214.

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