

1500 mW Powerful Audio, Waterproof and User-Friendly Operation to Match Various Needs



- Icom custom high power handling capacity speaker for 1500 mW powerful audio
- Easy field programming with VFO mode operation
- Up to 16 Favorite channels can be assigned to the rotary knob
- IP67 waterproof and dust-tight protection
- 5 W of output power
- Up to 20 hours of operating time with the supplied waterproof battery
- Eight character alphanumeric display
- CTCSS and DTCS encoder/decoder with Pocket beep
- Eight DTMF autodial memories
- MDC 1200 PTT ID and BIIS 1200 PTT ID
- Inversion voice scrambler (16 code) for private conversations
- Channel announcement of the operating channel number
- Seven programmable buttons with Shift key function
- Priority, memory and VFO scan
- Hands-free operation with an optional headset



Long operating time



Waterproof for 30 minutes at one meter



1500 mW powerful audio

SPECIFICATIONS

GENERAL	IC-G88
Frequency coverage	136–174 MHz
Type of emissions	16K0F3E, 11K0F3E (25/12.5 kHz)
Number of channels	128 channels
Antenna impedance	50 Ω (BNC)
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	1.5 A
Rx Maximum audio/Stand-by	500 mA (Internal SP) / 77 mA
Dimensions (W×H×D) (Projections not included)	52.2 × 111.8 × 30.3 mm (with BP-280)
Weight (Approximate)	270 g (with BP-280)
TRANSMITTER	
Output power (at 7.5 V DC)	5.0/ 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)
Intermodulation	74 dB typical
Spurious response	70 dB minimum
Audio output power	
Internal speaker	1500 mW typical (8 Ω load)
External speaker	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

Standard	MIL 810G	
	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)
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Supplied accessories: (May differ, depending on version)
 • Battery pack, BP-280 • Desktop charger, BC-213 • AC adapter, BC-123SA/SE
 • Belt clip, MB-133 • Antenna, FA-B2E

OPTIONS

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



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

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

RAPID CHARGER

BC-123S*1

Charges the BP-280 in 3.5 hours (Approximate).

MULTI-CHARGER

BC-214

Charges up to six radios and/or battery packs at the same time.

CIGARETTE LIGHTER CABLE & POWER SUPPLY CABLE

CP-23L OPC-656

For use with the BC-213. For use with the BC-214.

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

SPEAKER-MICROPHONES

HM-168LWP HM-158LA HM-159LA

EARPHONE-MICROPHONES

HM-153LA HM-166LA

HEADSETS

HS-94LWP HS-95LWP HS-97*2

Ear-hook type with a waterproof connector. Behind-the-head type with a waterproof connector. Throat type.

PTT SWITCH CABLE & PLUG ADAPTER CABLE

VS-4LA: OPC-2004LA:

For manual PTT operation. For VOX operation.

*2 Either the VS-4LA or OPC-2004LA is required when using the HS-97.

CHARGER BRACKET

MB-130

For use with the BC-213.

BELT CLIP

MB-133

Alligator type
Same as supplied.

FA-B2E VHF ANTENNA
Same as supplied.

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



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