

Compact, Waterproof Professional Amateur Radio

- IP67 Waterproof and Dust-tight Protection
- 1500 mW Clear Companded Audio with Very Large Speaker
- Powerful 5 W of Output Power
- 10.5 Hours of Operating Time with Supplied Waterproof Battery
- 128 Memory Channels
- 8 Character Alphanumeric Display
- Built-in CTCSS and DTCS encoder/decoder
- 8 DTMF Autodial Memories
- MDC 1200 PTT ID and 100 Alias Memories
- BNC Connector
- 16 Channels selector rewrite to arrange instant MR frequency for special group



Slim Dimensions
IC-G88-T (left) and IC-V80-T (right)



Limited functions.

SPECIFICATIONS

GENERAL	IC-G88-T
Frequency coverage	144-147 MHz (Tha) 144-148 MHz (Gen)
Type of emissions	11K0F3E (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 (approx.)	
Tx High	1.5 A
Rx Max. audio/Stand-by	(330 mA Internal SP) / 77 mA
Dimensions (W × H × D) (Projections not included)	52.2 × 111.8 × 22.3 mm (with BP-279)
Weight (approx.)	240 g (with BP-279)
TRANSMITTER	
Output power (at 7.5 V)	5.0/ 2.0/ 1.0 W (Hi/L2/L1)
Max. frequency deviation	±2.5 kHz
Spurious emissions	80 dB
Ext. microphone connector	3-conductor 2.5 (d) mm (1/10") / 2.2 kΩ
Adjacent channel power	70 dB
Frequency stability	±2.5 ppm
FM Hum and noise	50 dB
Audio harmonic distortion	1.5% (AF 1kHz 40% deviation)
Audio frequency response	+1 dB to -3dB of 6dB/ octave range from 300Hz to 3000Hz [Wide] / 2550Hz [Narrow]
RECEIVER	
Sensitivity	0.18 μV (at 12 dB SINAD)
Squelch sensitivity	0.18 μV (at threshold)
Hum and noise	50 dB
Adjacent channel selectivity	70 dB
Intermodulation	75 dB
Spurious response	80 dB
Audio output power	
Internal SP	1500 mW
External speaker connector	3-conductor 3.5(d) mm (1/8") / 8 Ω
Audio frequency response	+1 dB to -3dB of 6dB/ octave range from 300Hz to 3000Hz [Wide] / 2550Hz [Narrow]

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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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	1200 mAh	10 hours (Approx.)
BP-279	Rechargeable Li-ion	1600 mAh	14 hours (Approx.)
BP-280	Rechargeable Li-ion	2450 mAh	20 hours (Approx.)

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

RAPID CHARGER

BC-123S1^{*1} BC-213

Charges the BP-278 in 2 hours (approx.).

MULTI-CHARGER

BC-157S BC-214

Charges up to six BP-278 battery packs in 2 hours (approx.).

CIGARETTE LIGHTER CABLE & POWER SUPPLY CABLE

CP-23L For use with BC-213

OPC-656 For use with BC-214

*1 BC-123SA for USA. SE for Europe. SV for Australia.

SPEAKER-MICROPHONES

IP67 HM-168LWP HM-158LA HM-159LA

EARPHONE-MICROPHONES

HM-153LA HM-166LA

HEADSETS

HS-94LWP HS-95LWP HS-97

Ear-hook type Behind-the-head type Throat type

PTT SWITCH CABLE & PLUG ADAPTER CABLE

VS-4LA: For manual PTT operation. Either VS-4LA or OPC-2004LA is required when using HS-97.

OPC-2004LA: For VOX operation.

CHARGER BRACKET

MB-130 For use with BC-213

BELT CLIP

MB-133 Alligator type Same as supplied.

STANDARD ANTENNA
• FA-B2E

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

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

GENUINE The "3D GENUINE Icom label" is attached for proof of authentication. Check the Icom website for details: <http://www.icom.co.jp/world/genuine-info/>

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