

Compact, Waterproof Professional Radio



- IP67 Waterproof and Dust-tight Protection
- 800 mW Clear Companded Audio with Large 36 mm Speaker
- 5.5 W/4 W (VHF/UHF) 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
- Inversion Voice Scrambler (16 Code) for Private Conversation
- Channel Announcement of the Operating Channel Number
- Seven Programmable Buttons with Shift Key Function
- Ample Scan Functions
- Hands-free Operation with Optional Headset



IC-U88



Waterproofing



Slim Dimensions
IC-V88 (left) and U88 (right)

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 (approx.)		
Tx High	1.5 A	1.3 A
Rx Max. audio/Stand-by	330 mA (Internal SP)/ 77 mA	300 mA (Internal SP)/ 80 mA
Dimensions (W × H × D) (Projections not included)	52.2 × 111.8 × 22.3 mm (with BP-278)	
Weight (approx.)	230 g (with BP-278)	
TRANSMITTER		
Output power (at 7.5 V)	5.5/ 2.0/ 1.0 W (Hi/L2/L1)	4.0/ 2.0/ 1.0 W (Hi/L2/L1)
Max. frequency deviation	±5.0 kHz/±2.5 kHz (Wide/Narrow)	
Spurious emissions	70 dB min.	
Ext. microphone connector	3-conductor 2.5 (d) mm (1/10")/ 2.2 kΩ	
RECEIVER		
Sensitivity	0.25 μV typ. (at 12 dB SINAD)	
Squelch sensitivity	0.25 μV typ. (at threshold)	
Adjacent channel selectivity	76 dB/ 53 dB typ. (W/N)	73 dB/ 56 dB typ. (W/N)
Intermodulation	74 dB typ.	73 dB typ.
Spurious response	70 dB min.	
Audio output power		
Internal SP	800 mW typ. (12 Ω load)	
External SP	400 mW typ. (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)
--------------	---

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

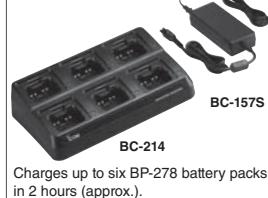
* Tx: Rx: standby = 5:5:90. Power save function ON.

RAPID CHARGER



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

MULTI-CHARGER



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



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

EARPHONE-MICROPHONES



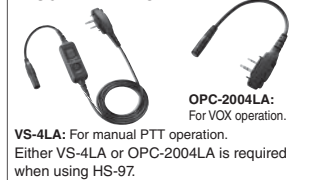
HM-153LA HM-166LA

HEADSETS



HS-94LWP Ear-hook type
HS-95LWP Behind-the-head type
HS-97 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.

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.



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/>

Icom, Icom Inc. and the Icom logo are registered trademarks of Icom Incorporated (Japan) in Japan, the United States, the United Kingdom, Germany, France, Spain, Russia, Australia, New Zealand and/or other countries. All trademarks are the properties of their respective holders.

Icom Inc.

1-1-32, Kamiminami, Hirano-Ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302 Fax: +81 (06) 6793 0013

www.icom.co.jp/world

Count on us!

Icom America Inc.

12421 Willows Road NE, Kirkland, WA 98034, U.S.A.
Phone: +1 (425) 454-8155
Fax: +1 (425) 454-1509
E-mail: sales@icomamerica.com
URL: <http://www.icomamerica.com>

Icom (Europe) GmbH

Communication Equipment
Auf der Krautweide 24
65812 Bad Soden am Taunus, Germany
Phone: +49 (6196) 76685-0
Fax: +49 (6196) 76685-50
E-mail: info@icom-europe.com
URL: <http://www.icomeurope.com>

Icom France s.a.s.

Zac de la Plaine,
1 Rue Brindejone des Moulinais, BP 45804,
31505 Toulouse Cedex 5, France
Phone: +33 (5) 61 36 03 03
Fax: +33 (5) 61 36 03 00
E-mail: icom@icom-france.com
URL: <http://www.icom-france.com>

Asia Icom Inc.

6F No. 68, Sec. 1 Cheng-Teh Road,
Taipei, Taiwan, R.O.C.
Phone: +886 (02) 2559 1899
Fax: +886 (02) 2559 1874
E-mail: sales@asia-icom.com
URL: <http://www.asia-icom.com>

Your local distributor/dealer:

Icom Canada

Glenwood Centre #150-6165
Highway 17A, Delta, B.C.,
V4K 5B8, Canada
Phone: +1 (604) 952-4266
Fax: +1 (604) 952-0090
E-mail: info@icomcanada.com
URL: <http://www.icomcanada.com>

Icom Spain S.L.

Ctra. Rubi, No. 88 "Edificio Can Castanyer"
Bajos A 08174, Sant Cugat del Valles,
Barcelona, Spain
Phone: +34 (93) 590 26 70
Fax: +34 (93) 589 04 46
E-mail: icom@icomspain.com
URL: <http://www.icomspain.com>

Icom (Australia) Pty. Ltd.

Unit 1 / 103 Garden Road,
Clayton, VIC 3168 Australia
Phone: +61 (03) 9549 7500
Fax: +61 (03) 9549 7505
E-mail: sales@icom.net.au
URL: <http://www.icom.net.au>

Shanghai Icom Ltd.

No.101, Building 9, Caifuxingyuan Park,
No.188 Maoting Road, Chedun Town,
Songjiang District, Shanghai, 201611, China
Phone: +86 (021) 6153 2768
Fax: +86 (021) 5765 9987
E-mail: bjicom@bjicom.com
URL: <http://www.bjicom.com>

Icom Brazil

Rua Iitororó, 444 Padre Eustáquio
Belo Horizonte MG,
CEP: 30720-450, Brazil
Phone: +55 (31) 3582 8847
Fax: +55 (31) 3582 8987
E-mail: sales@icombrasil.com

Icom (UK) Ltd.

Blacksole House, Altira Park,
Herne Bay, Kent, CT6 6GZ, U.K.
Phone: +44 (0) 1227 741741
Fax: +44 (0) 1227 741742
E-mail: info@icomuk.co.uk
URL: <http://www.icomuk.co.uk>

Icom New Zealand

39C Rennie Drive, Airport Oaks,
Auckland, New Zealand
Phone: +64 (09) 274 4062
Fax: +64 (09) 274 4708
E-mail: inquiries@icom.co.nz
URL: <http://www.icom.co.nz>