

ICOM

VHF MARINE TRANSCEIVER

IC-M15 (U.S.A. Version)



Waterproof communications... the IC-M15

On the water, reliable communications is of critical importance; a life-line to the outside world. Your boat may be seaworthy, but is your VHF handheld transceiver? The IC-M15's rugged construction can weather all the demands of the marine environment with the important distinction of being waterproof! Add simple operation with advanced features and you have marine communications that won't let you down.

Waterproof* with rugged construction

Waterproof* protection over a die-cast aluminum frame provides the durability and dependability you need in all situations.

*Up to a depth of 1 meter for 30 minutes.

All marine and weather channels + 24 memory channels and 1 call channel

You can operate on all marine weather channels and store often-used channels in 24 memories for easy recall and convenient scanning. In addition, a programmable call channel is provided for instant recall of your most-used channel (e.g. CH 9, the non-commercial calling channel).

A variety of scans

Four different scans are available: regular channel scan and memory channel scan with both of these having a selectable priority scan function. Choose your scan and find out what's going on around you.

Selectable dual watch/tri-watch

Dual watch monitors the distress channel (CH 16) while operating on another channel; tri-watch monitors both channel 16 and the call channel while operating on another channel. You can be sure of receiving important calls using either of these watch systems.



Icom Inc.

Optional voice scrambler unit

For private communications, an optional UT-79 VOICE SCRAMBLER UNIT is available. Both easy-to-install and easy-to-use; 128 scramble codes provide privacy in communicating secret fishing spots, etc.

Other great features

- One-touch access to CH 16 & the call channel
- Power-saver function to save your battery
- Easy-to-read LCD with backlighting
- Lock function to prevent accidental input
- Powerful 5 W of output power

SPECIFICATIONS

GENERAL

• Frequency range	: All international VHF marine channels 01 to 88 All JSA VHF marine channels 01A to 88A Weather channels 01 to 10
• Mode	: FM (16K03BE)
• Channel spacing	: 25 kHz
• Current drain (at 12.5 V)	: Transmit High 3.0 A max. Low 1.5 A max. Receive Max. audio 800 mA max. Power saved (scrambled): 15 mA (typ.)
• Power supply requirement	: CM-138 or CM-139
• Usable temperature range	: -20°C to +60°C (-4°F to +140°F)
• Frequency stability	: ±0.0035% (-20°C to +60°C)
• Dimensions (projections not included)	: 62(W) × 150(H) × 44(D) mm
• Weight (w/BP-1B)	: 2.5kg(W) × 6.15kg(H) × 1.7kg(D) in
• Antenna impedance	: 480 g; 16.8 oz (with CM-138) 50 Ω (unbalanced)

TRANSMITTER

• Output power	: High 5 W Low 0.7 W
• Modulation system	: Variable reactance phase modulation
• Max. frequency deviation	: ±5 kHz

RECEIVER

• Receive system	: Double-conversion superheterodyne
• Sensitivity (12 dB SINAD)	: Less than 0.85 µV
• Squelch sensitivity (threshold)	: Less than 0.5 µV
• Audio output power	: 600 mW with an 8 Ω load

Supplied accessories:

• Battery pack • Charger • Antenna • Belt clip • Handstrap

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

OPTIONS

• AD-43 BATTERY CHARGE ADAPTER

For regular charging of battery packs (15 hrs.). Same as supplied.

• BM-95U/E/V AC ADAPTER

Connects to an AC outlet for use with the AD-43. Same as supplied.

• BC-119 DESKTOP CHARGER + AD-68 CHARGER ADAPTER

For rapid charging of battery packs. An AC adapter is supplied with the charger (depending on version). Charging time: 1.6 to 2 hrs.

• BM-104U/E/V AC ADAPTER

Connects to an AC outlet for use with the BC-119. Output voltage/current: 12 V/1 A

• BC-121 MULTI-CHARGER + AD-68 CHARGER ADAPTER

For rapid charging up to 6 battery packs simultaneously. An AC adapter may be supplied (depending on version). Six AD-68's are necessary. Charging time: 1.5 to 2 hrs.

• BC-124 AC ADAPTER

Used for BC-121. Output voltage/current: 12 V/2 A

• CM-138 BATTERY PACK

Rechargeable Ni-Cd battery pack. Same as supplied.
Output: 7.2 V Capacity: 900 mAh Height: 67 mm (2 5/8 in)

• CM-139 BATTERY PACK

Rechargeable Ni-Cd battery pack. Long life type.
Output: 7.2 V Capacity: 1200 mAh Height: 72 mm (2 7/8 in)

• CP-1 CIGARETTE LIGHTER CABLE

Connects to a 12 V cigarette lighter socket for use with the AD-43.

• FA-554V FLEXIBLE ANTENNA

Has an SVC type connector. Same as supplied.

• MB-25 MOUNTING BRACKET

Wall-type. For hanging the transceiver, via belt clip, to a bulkhead or similar flat surface.

• UT-79 VOICE SCRAMBLER UNIT

Provides private communications among members of a group. 128 codes are available.



Icom Inc.

1-1-32, Hamamachi, Minato-ku, Osaka 547-0022, Japan Phone: 06-6722-5582

Fax: 06-6763-0213

URL: <http://www.icom.co.jp/world/index.html>

Count on us!

Icom America Inc.

Corporate Headquarters
2300 16th Avenue S.E., Bellevue, WA 98004, USA
Phone: (206) 454-3100 Fax: (206) 454-1623
JPL: <http://www.icomusa.com>
Customer Service Phone: (800) 454-7219

Icom Canada

3 Sweetbriar Court #20465 Highway 17,
Delta, B.C., V4R 5B6, Canada
Phone: (904) 962-4286 Fax: (904) 962-0222
JPL: <http://www.icomcanada.com>

Icom (Australia) Pty. Ltd.

4,5/7, 88-138/132/127
230-224 Alford Street, Brookvale, Sydney, 2100 Australia
Phone: (01) 837-1299 Fax: (01) 807-0065
JPL: <http://www.icom.net.au>

Icom New Zealand

469 Fernside, San Tereza Road and Bay Zealand
Phone: (09) 744-0222 Fax: (09) 744-4706
JPL: <http://www.icom.co.nz>

Icom (Europe) GmbH

Communications Equipment
Humboldtstr. 106, D-46055 Essen, Germany
Phone: (021) 247347 Fax: (021) 330605
JPL: <http://www.icomeurope.com>

Icom Spain S.L.

C/te de Goya 10, Marineda, 46.700
38190 Sant Joan de Vilatorrada, SPAIN
Phone: (34) 901 22 71 Fax: (34) 901 90 48
JPL: <http://www.icomspain.com>

Icom (UK) Ltd.

Unit 9, 900 St., Home Way, Kent, CT8 5LD, UK
Phone: (0227) 741741 Fax: (0227) 751742
JPL: <http://www.icomuk.co.uk>

Icom France S.a

26, rue de France, Rue Ste-Anne, 92015 Nanterre
92124, France
Phone: (33) 36 05 33 Fax: (33) 33 23 00 00
JPL: <http://www.icomfrance.com>

Asia Icom Inc.

67-10, Sec. 1, Chongchun Road,
Taipei, Taiwan, R.O.C.
Phone: (886) 2666-1886 Fax: (886) 2653-1574
JPL: <http://www.asia.icom.com>

Your local distributor/dealer:



Certificate Number 014150

Icom Inc. (Japan) is an ISO9001 certification accredited company.