

ICOM

VHF MARINE TRANSCEIVER

IC-M2A



Big Screen, Tough Body and It's Waterproof too!

Extra Large LCD Display

A large LCD* offers easy to read large channel indication. The S-meter shows the signal strength of the received signal. In addition, bright LCD backlighting is great for night time operation.

* 35x24 mm, 1 3/8 x 1 5/16 in. dimensions



The photo shows actual display size.

Waterproof Construction

The IC-M2A is built waterproof to endure 1 meter depth for 30 minutes. (Equivalent to JIS waterproof specification grade 7.) Non-corrosive construction ensures reliable long life communication out on the water.

Swivel Belt Clip MB-87 For Standard

The newly designed MB-87 swivel belt clip prevents accidental dropping of the radio from your belt. To remove the radio, simply rotate it 180° and lift up.

Simple Operation

Well spaced, clearly labelled switches on the front panel provides easy one-hand access to frequently used functions.

Powerful 5W Output Power

The supplied BP-224 Ni-Cd battery pack generates a powerful 5W of output power and provides 8 hours of typical operating time*. For saving battery consumption, the output power can be reduced to 3W or 1W. The BP-223 alkaline cell case is also available during charging.

* Tx:Rx:Stand-by duty ratio = 5:5:90

Desktop Charger Supplied

The BC-150 desktop charger is a simple drop-in charger. It has screw holes for easy installation, and also a cradle to hold an unattached battery – You can leave it alone to charge even in choppy seas.

Other Features

- Auto Weather scan and Weather alert function
- 4-step battery life indicator
- Dual/tri-watch function
- Normal, priority and tag scanning
- Instant access to Ch 16, Ch 9 or programmable call channel
- 2-step power saver
- Key lock function

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SPECIFICATIONS

GENERAL

- Frequency range (MHz) :
Tx 156.025-157.425
Rx 156.050-163.275
- Usable channels :
All U.S.A., International and Canadian channels
; plus 10 weather channels (U.S.A. only)
- Type of emission : 16K0G3E (FM)
- Current drain (at 7.2V DC) :
Tx (at 5W output) 1.5A typical
Rx (at AF max.) 200mA typical
(at Stand-by) 20mA typical
- Operating temp. range : -20°C to +60°C;
-4°F to +140°F
- Antenna connector : STUD (50Ω)
- Dimensions : 61(W)×135(H)×41(D) mm;
(proj. not included) 2³/₃₂(W)×5¹/₁₆(H)×1⁵/₁₆(D) in
- Weight (approx.; with BP-224): 360g; 12.7oz

TRANSMITTER

- Output power : 5W (Hi), 3W (Mid) and 1W (Low)
- Modulation system : Variable reactance frequency modulation
- Max. frequency deviation : ±5kHz
- Audio harmonic distortion : Less than 10% (at 60% mod.)
- Spurious emissions : Less than -65dBc

RECEIVER

- Modulation system : Double-conversion superheterodyne
- Sensitivity (at 12dB SINAD) : 0.25μV typical
- Squelch sensitivity : Less than 0.35μV (at threshold)
- Adjacent Ch. selectivity : 70dB typical
- Spurious response : 70dB typical

- Intermodulation rejection : 70dB typical
- Hum and noise ratio : More than 40dB
- Audio output power : 0.35W (typical at 10% distortion with an 8Ω load)

Supplied accessories:

- Battery pack, BP-224
- Battery case, BP-224*
- Battery charger, BC-150
- AC adapter, BC-147*
- Swivel belt clip, MB-87
- Antenna, FA-SC55V
- Hand strap (* Not supplied with some versions.)

Specifications for the IC-M2A are measured in accordance with EIA-603. All stated specifications are subject to change without notice or obligation.

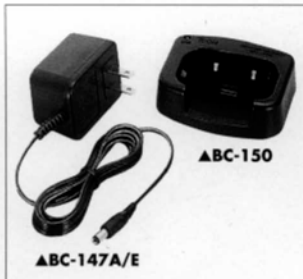
OPTIONS

BATTERY PACK AND CASE

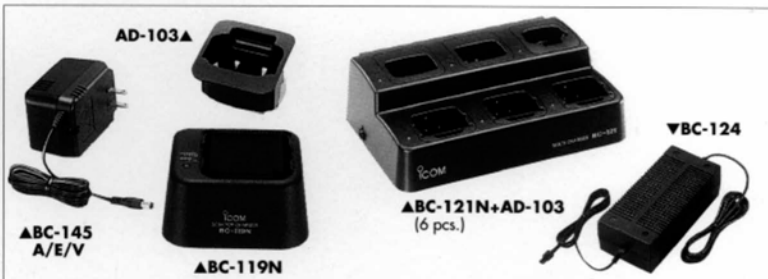


BP-223 BATTERY CASE
Battery case for R6 (AA)×6 alkaline cells.

BP-224 BATTERY PACK
7.2V/750mAh Ni-Cd battery pack. Provides 8 hours operating time (approx.).
(Tx (Hi): Rx: standby=5:5:90)



BC-150 DESKTOP CHARGER + BC-147A/E AC ADAPTER
Regularly charges the battery pack, BP-224 in 8 hours (approx.). The same as that supplied.



BC-119N DESKTOP CHARGER + AD-103 CHARGER ADAPTER + BC-145A/E/V AC ADAPTER
For rapid charging of battery pack. An AC adapter may be supplied depending on version. Charging time: 1-2 hours.

BC-121N MULTI-CHARGER + AD-103 DESKTOP CHARGER ADAPTER + BC-124 AC ADAPTER
For rapid charging of up to 6 battery packs (Six AD-103s are required), BP-224. An AC adapter, BC-124, may be supplied, depending on version. Charging time: 1-2 hours.

BELT CLIPS



MB-68: Universal belt clip for attaching to your belt.
MB-74: Alligator type. Clips to almost anything in a variety of convenient places.
MB-87: Swivel belt clip. Prevents accidental dropping from your belt. Same as that supplied.



CP-17L CIGARETTE LIGHTER CABLE WITH NOISE FILTER
OPC-515L DC POWER CABLE
For use with the battery charger, BC-150 or BC-119N, instead of the AC adapter. (12-16 V DC required)

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Certificate Number Q14190
Icom Inc. (Japan), is an ISO9001 certification acquired company.

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