

ICOM

VHF MARINE TRANSCEIVER

IC-M3A



Meets
MIL-STD 810

Reliable communications made easy

Water-resistant construction*

Sea spray? Rain? No need to worry with the IC-M3A. Water-resistant, non-corrosive construction, including water-tight gaskets for the control knob and antenna connector, ensures reliable communication out on the water.

*Equivalent to JIS water protection specification 4.

Simple operation

Well spaced, clearly labelled buttons on the front panel provide easy one-hand access to frequently used functions. The simple push of one button controls each function. Channel selection is a snap with the up/down keys.

Large LCD with backlighting

The extra large LCD shows operating status at a glance. Superior contrast and backlighting make viewing easy on your eyes. And with key backlighting, operation at night is not a problem.

'Tag' scan system

Icom's 'tag' scan system makes scanning easy—add or delete channels at the push of a button.

Alkaline battery ready

Alkaline batteries can be used as a convenient backup to rechargeable Ni-Cd batteries. While you're charging your Ni-Cd's throw in some alkaline batteries for temporary operation. Keep an extra set of "AA" alkaline batteries on board for emergencies.

5 W output power

When using Ni-Cd batteries the IC-M3A produces a powerful 5 W of output power.

Other features

- One-touch selection of channel 16 and channel 9
- Dual watch and tri-watch—monitor channel 16 while operating on another channel or monitor channel 16 and channel 9 while operating on another channel
- Receives weather channels and has a weather alert function that alerts you to emergency NOAA broadcasts
- Compact size

Icom Inc.

SPECIFICATIONS

GENERAL

- Frequency range
 - Tx 156.025–157.425 MHz
 - Rx 156.025–163.275 MHz
- Usable channels
 - All USA, international and Canadian channels plus 10 weather channels*
 - *USA version only.
- Mode
 - 16K0G3E (FM)
- Power supply requirement
 - 7.2 V DC (negative ground)
- Current drain (at 7.2 V DC; typical)
 - Tx at 5 W 1.6 A
 - at 1 W 0.7 A
 - Rx max. audio 230 mA
 - standby 60 mA (squelched)
 - power saved 20 mA (average)
- Usable temperature range
 - 20°C to +60°C; -4°F to +140°F
- Frequency stability
 - ±10 ppm (-20°C to +60°C)
- Dimensions (projections not included)
 - 58(W)×140.5(H)×43.5(D) mm
 - 2⁹/₃₂(W)×5¹⁷/₃₂(H)×1²³/₃₂(D) in
- Weight
 - 410 g; 14.4 oz

TRANSMITTER

- Output power (at 7.2 V DC)
 - High 5 W
 - Low 1 W
- Modulation system
 - Variable reactance modulation
- Max. frequency deviation
 - ±5.0 kHz
- Spurious emissions
 - Less than -65 dB
- Microphone impedance
 - 2 kΩ

RECEIVER

- Receive system
 - Double-conversion superheterodyne
- Intermediate frequencies
 - 1st 31.05 MHz
 - 2nd 450 kHz
- Sensitivity (at 12 dB SINAD)
 - 0.25 µV typical
- Squelch sensitivity
 - 0.25 µV typical
- Intermodulation rejection
 - 70 dB typical
- Adjacent channel selectivity
 - 70 dB typical
- Spurious response rejection ratio
 - 70 dB typical
- Audio output power
 - 500 mW typical at 10% distortion with an 8 Ω load
- Audio output impedance
 - 8 Ω

The IC-M3A meets MIL-STD requirement and strict environmental standards for shock (MIL 810C, D, E) and vibration (MIL 810C, D, E).

Supplied accessories

- Battery case w/Ni-Cd cells
- Antenna
- Belt clip
- Wall charger*
- Handstrap
- *depending on version

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

OPTIONS

BP-204 BATTERY CASE

Takes 6 R6(AA) batteries. Both alkaline or Ni-Cd batteries can be used. The same as supplied.

CP-12L CIGARETTE LIGHTER CABLE WITH NOISE FILTER

OPC-254L DC POWER CABLE

Allow you to charge the transceiver through a 12 V cigarette lighter socket with the CP-12L or OPC-254L, respectively.

BC-131A WALL CHARGER

Regularly charges Ni-Cd batteries in the BP-204. The same as supplied with the USA version.

BC-110D/V WALL CHARGER

Regularly charges Ni-Cd batteries in the BP-204. The same as supplied with some versions.

MB-68 BELT CLIP

Allows you to attach the transceiver to your belt, etc. The same as supplied.



BP-204



CP-12L



OPC-254L



MB-68

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Certificate Number Q14190

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

Your local distributor/dealer: