



ICOM

RADIO PRODUCTS - MARINE
Mounted VHF

IC-M504A VHF Marine Transceiver

The Submersible PLUS Marine VHF with Class D DSC



**Compatible with the New MA500TR – Class B AIS Transponder*

Learn more about the MA500TR [here](#).

Compliant to new Coast Guard/FCC Class D DSC Regulations

Escalating DSC Alarm

An on/off switch for the radio to automatically switch to channel 16 when a DSC call is made

2 receivers, one for the radio and one to monitor channel 70 for DSC full time

IPX8 Submersible PLUS (1.5m depth for 30 minutes)

The IC-M504A withstands submersion in up to 1.5m depth of water for 30 minutes. It is equivalent to the IPX8 standard. All products are rigorously checked to pass the quality test at the factory.

Large LCD with dot-matrix characters

The IC-M504A has a 168-character, full-dot matrix display that allows you to easily view a variety of information, such as GPS data, DSC emergency data, etc. The large buttons and knobs provide user friendly operation.

ITU Class D DSC

The IC-M504A has built-in class D DSC, which enables you to constantly monitor channel 70. This functionality provides users at sea with the peace of mind that they can call for help by pressing the “Distress” button if the need arises.

Position Request and Position Report

Over and above the DSC, your own and other ships' position data can be exchanged with the position request or position report functions. The received position information can be transferred to external navigation equipment*. In addition, the polling (request/ reply) function checks whether a specific ship is within the communications range.

** External GPS receiver and navigation equipments which accept NMEA 0183 format are required.*

Superior receiver performance

The IC-M504A has excellent receive specifications of 80dB (typical) for intermodulation rejection, adjacent channel selectivity, and 0.22 μ V (typical) high sensitivity. The IC-M504A's superior receiver provides excellent resistance to intermodulation and allows you to catch a weak signal between strong stations.

Excellent audio output power

The extra large speaker is mounted into a well spaced housing, producing greater sound than the specified 4.5W output power. You can get clear and loud reception without requiring repetition of the message, even over the engine or other background noise.

25W hailer/RX speaker and auto foghorn

When connected to a hailer horn or external speaker on the deck or tower, you can make an announcement on-board from the microphone. The RX speaker function, "receiver-repeater", allows you to monitor the received audio. Four foghorn patterns are also available for the automatic foghorn.

Rear panel microphone version*

With this version, the microphone connector is drawn from the rear panel and a 6.1m (20ft) microphone extension cable is supplied to allow you clean and neat panel installation.

** Ask your dealer for details*

Other features

Dual/tri-watch function for monitoring Ch.16 and/or call channel

Instant access to Ch. 16 and call channel

7 levels adjustable backlit display and keypad

Convenient "TAG" scanning function with simple add/delete

Optional Voice Scrambler, UT-112 for private communication

Weather channels with weather alert function

Black or gray color versions