



VHF MARINE TRANSCEIVER

IC-M402S

Meet the "S" Version!

The IC-M402S is identical to ICOM's award-winning IC-M402, but the IC-M402S does not accept an optional remote control mic—the "S" version is ideal for boaters who don't need a second helm radio station or the expense of the optional mic connection port.

Large display and 2-digit channel

The large, 27mm×43mm (1¹/₁₆ in.×1⁵/₁₆ in.) dimension, display is easy to see in direct sunlight. 10-character scrolling channel names and all settings are displayed at the same time. LCD backlighting is adjustable in 4-step and key illumination is available for nighttime operation.

Built-in DSC capability that meets RTCM SC101

The DSC watch function monitors Ch 70, while receiving another channel. The DSC allows you to send a formatted distress message in an emergency. The position request function indicates a caller's position when connected to a GPS. Up to 30 DSC IDs are memorized. (GPS is not included.)



Rugged waterproof construction

The IC-M402S installation is not limited to covered areas, so installation where water comes in is not a problem. (Equivalent to JIS 7, submersible 1m/30min; except cables)

And more...

- Dual and tri-watch functions for monitoring Ch.16 and/or another channel, while receiving on a channel
- Supplied 'Remote Function Mic.' for convenient channel selection
- NOAA weather channels with alert function
- Simple and easy tag scanning system
- Powerful, easy to hear speaker
- Available in black or white color versions

* PLEASE NOTE that the COMMANDMIC™ cannot be used with the IC-M402S.



Icom Inc.

SPECIFICATIONS

GENERAL

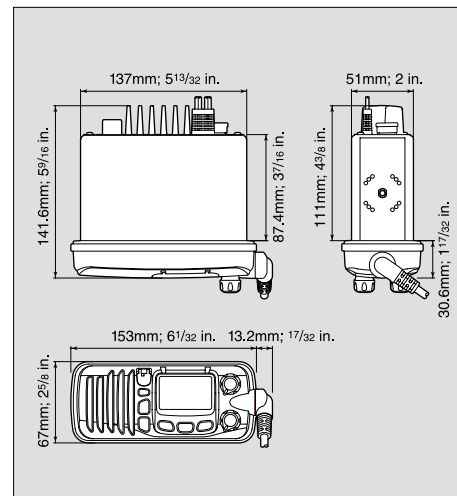
- Frequency range : Tx 156.025–157.425MHz
Rx 156.050–163.275MHz
- Usable channels :
All International, U.S.A.* and Canadian*
channels; plus 10 weather* channels
(* U.S.A. version only)
- Type of emission : 16K0G3E (FM), 16K0G2B (DSC)
- Power supply : 13.8V DC \pm 15%
- Current drain : Tx 6A (at 25W output)
(at 13.8V DC) Rx 1.2A (at AF max.)
- Operating temperature range:
–20°C to +60°C; –4°F to +140°F
- Antenna connector: SO-239 (50 Ω)
- Dimensions (W×H×D):
153×67×141.6mm; 6 $\frac{1}{32}$ ×2 $\frac{5}{8}$ ×5 $\frac{9}{16}$ in.
- Weight : 900g; 2lb

TRANSMITTER

- Output power : High 25W
(at 13.8V DC) Low 1W
- Modulation system:
Variable reactance freq. modulation
- Spurious emissions: Less than –70dB
- Adj. channel power: 70dB

RECEIVER

- Receive system :
Double conversion superheterodyne
- Intermediate freq. : 1st 21.7MHz
2nd 450kHz
- Sensitivity : 0.25 μ V at 12dB SINAD
- Squelch sensitivity: 0.20 μ V typical
- Adj. Ch. selectivity: 70dB
- Spurious response rejection ratio:
70dB
- Intermodulation rejection ratio:
70dB
- Audio output power: 4.5W typical at 10% distortion
with a 4 Ω load
- Audio output impedance:
4 Ω
- GPS interface : NMEA0183 version 2.0



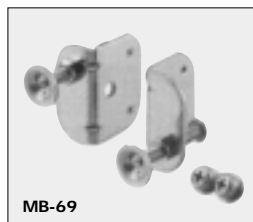
Supplied accessories:

- Hand microphone
- DC power cable
- Mounting bracket kit

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

OPTIONS

- **MB-69 FLUSH MOUNT KIT**
For flush-mounting the IC-M402S to a flat surface
such as an instrument control panel.
- **HM-129B/W HAND MICROPHONE**
White and black are available. Same as supplied.



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Certificate Number Q14190

Icom Inc. (Japan), is an ISO9001
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