

ICOM

VHF MARINE TRANSCEIVER

IC-M24

FLOAT'N FLASH



Icom pioneered the floating VHF marine radio, and others followed. Setting a new trend yet again, the IC-M24 floats and lets you know where it is with the flashing feature. The radio flashes in the water, even when the power is off! And for a floating radio, it is small and lightweight and easy to carry around.

FEATURES

Float'n flash*

With its innovative flashing red LED light, an overboard IC-M24 is easy to find, day or night. The light flashes even if the radio is turned off.

* US patent pending.

Small and lightweight body

As a floating VHF marine transceiver, the IC-M24 is small and lightweight and easy to carry around.

Energy-saving 3.7V circuitry

The IC-M24 is powered by the 3.7V Lithium-Ion battery pack, BP-266, to reduce the volume and weight of the radio. A newly developed PA circuit provides 5W (approx.) RF output and powerful 600mW (typ.) audio even at this low voltage,

while saving battery consumption for 10 hours of operating time.*

* Typical operation with Tx (Hi): Rx: standby=5:5:90.

US patent pending.

Easy to see large LCD

The large, easy to see LCD (32×16 mm) offers a clear 2-digit channel number indication.



Built-in regular charger circuitry

Recharge the IC-M24 by plugging the wall charger directly in to the radio. By eliminating exposed metal charging points, the IC-M24 is even more protected from water damage.

Volume loud and mute functions

The volume loud/mute functions temporarily change the volume to the maximum/minimum level with two touches of a button. Depending on the background noise level, you can easily change the volume level to capture the received message.

Other features

- Submersible construction equivalent to IPX7 (1m depth for 30 minutes)
- Dual/Tri-watch functions • Auto scan function
- One-touch access to Ch 16
- 4-step battery life indicator
- Tag scan and Favorite channel functions
- Weather channel with weather alert (USA version)
- AquaQuake™ draining function

SPECIFICATIONS

GENERAL

- Frequency range :
 - TX 156.025–157.425MHz
 - RX 156.050–163.275MHz
- Usable channel groups : INT, USA, CAN, WX channels
- Type of emission : 16K0G3E (FM)
- Current drain (at 3.7V DC) :
 - Tx High 2.3A
 - Rx AF max. 350mA typ.
 - Power save 8mA typ.
- Operating temp. range : –20°C to +60°C; –4°F to +140°F
- Antenna impedance : 50Ω (Stud)
- Dimensions (W×H×D) : 58.5×128.5×34.5 mm; (projections not included) 2.3×5.06×1.36 in
- Weight (approx.) : 260g; 9.2oz (With BP-266, FA-SC58V, MB-124)

Measurements made in accordance with TIA/EIA-603. All stated specifications are subject to change without notice or obligation.

TRANSMITTER

- Output power (Hi/Low) : 5W/1W approx.
- Max. frequency deviation : ±5kHz
- Frequency stability : ±10ppm
- Spurious emissions : –68dBc typ.
- Adjacent channel power : 70dB
- Audio harmonic distortion : Less than 10% (at 60% dev.)
- Residual modulation : 40dB

RECEIVER

- Sensitivity (at 12dB SINAD) : 0.25μV typ.
- Squelch sensitivity : 0.35μV typ. (at threshold)
- Adjacent channel selectivity : 70dB typ.
- Spurious response : 70dB typ.
- Intermodulation rejection : 70dB typ.
- Hum and noise ratio : 40dB
- Audio output power : 600mW typ. (at 10% distortion, 8Ω load)

Applicable IP Rating and environmental test

Ingress Protection Standard	
Waterproof	IPX7 (Submersible protection)

Environmental Test Standard	
Vibration	IEC60945

Supplied accessories:



- Battery charger, BC-199S
- Battery pack, BP-266
- Belt clip, MB-124
- Antenna, FA-SC58V
- Hand strap

OPTIONS

Some options may not be available in some countries. Please ask your dealer for details.

Li-Ion battery pack



BP-266 3.7V,
1500/1590 mAh (min./typ.)

WALL CHARGER



BC-199S* Charges BP-266 in
8.5 hours (approx.).

RAPID DESKTOP CHARGER



BC-145S* BC-119N+AD-123*
Charges BP-266 in 2.5 hours.
(approx.).

CIGARETTE LIGHTER CABLE with built-in DC-DC converter



CP-24

BELT CLIP



MB-124

ANTENNA



FA-SC58V

* BC-199SA/BC-145SA for 120V AC. SE for 230V AC. SV for 240V AC. BP-266 must be removed from the radio for charging in the BC-119N.

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