

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 3.7 V Circuitry

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

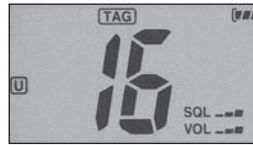
while saving battery consumption for 10 hours of operating time.*

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

US patent: 8,295,796.

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 (1 m depth of water 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 156.025–157.425 MHz, RX 156.050–163.275 MHz
- Usable channel groups : INT, USA, CAN, WX channels
- Type of emission : 16K0G3E (FM)
- Current drain (at 3.7 V DC) : Tx High 2.3 A, Rx AF max. 350 mA typ., Power save 8 mA typ.
- Operating temp. range : -20°C to +60°C; -4°F to +140°F
- Antenna impedance : 50 Ω (Stud)
- Dimensions (W×H×D) : 58.5×128.5×34.5 mm; (projections not included) 2.3×5.06×1.36 in
- Weight (approx.) : 260 g; 9.2 oz (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) : 5 W/1 W approx.
- Max. frequency deviation : ±5 kHz
- Frequency stability : ±10 ppm
- Spurious emissions : -68 dBc typ.
- Adjacent channel power : 70 dB
- Audio harmonic distortion : Less than 10% (at 60% dev.)
- Residual modulation : 40 dB

RECEIVER

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

Rechargeable Li-Ion battery pack



BP-266 3.7V, 1488/1590 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

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



The "3D GENUINE Icom label" is attached to the rear chassis under the battery.

Check the Icom website for details: <http://www.icom.co.jp/world/genuine-info/>

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