

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,

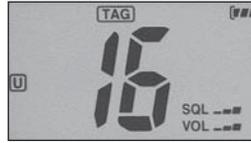
while saving battery consumption for 10 hours of operating time.\*

\* 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

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

### 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

\* BC-199SA/BC-145SA for USA plug. SE for Europe plug. SV for Australia plug. BP-266 must be removed from the radio for charging in the BC-119N.



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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