

IC-M23

FEATURES

Float'n flash*

With its innovative flashing red LED light, an overboard IC-M23 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 buoyant VHF marine transceiver, the IC-M23 is small and lightweight and easy to carry

Energy-saving 3.7V circuitry*

The IC-M23 is powered by the 3.7V Lithium-ion battery pack, BP-266, to reduce the capacity 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: 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.



: 5W/1W approx.

1W/0.5W typ.

+5 0kHz : ±1.5kHz

0.25uW

Built-in regular charger circuitry

Recharge the IC-M23 by plugging the wall charger directly in to the radio. By eliminating exposed metal charging points, the IC-M23 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

- Waterproof 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
- · LCD and keypad back lighting
- AquaQuake[™] draining function

SPECIFICATIONS

GENERAL

Frequency range

RX Usable channel groups

Type of emission

• Current drain (at 3.7V DC) High Rx AF max.

Power save Operating temp. range Antenna impedance

• Dimensions (W×H×D) (projections not included)

Weight (approx.)

156.000-161.450MHz 156.000-163.425MHz

INT, USA* channels; 70 programmable channels (* Depending on version)

: 16K0G3E (FM)

2 3A 350mA typ. 8mA typ.

-15°C to +55°C : 50Ω (Stud) : 58.5×128.5×34.5 mm

: 260g (With BP-266, FA-SC58V,

TRANSMITTER

 Output power (Hi/Low) German version

 Max. frequency deviation Frequency stability Spurious emissions Adjacent channel power

· 70dB Audio harmonic distortion : Less than 10% (at 60% dev.) Residual modulation 40dB

RECEIVER

 Sensitivity (20dB SINAD) : -4dBµ emf typical Squelch sensitivity -6dBµ emf typical (threshold)

 Adjacent Ch. selectivity 70dB Spurious response 70dB

 Intermodulation rejection 68dB Hum and noise ratio 40dB

· Audio output power 200mW 600mW typ. (@1kHz) (at 10% distortion, 8Ω load)

Applicable IP Rating and environmental test

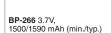
Waterproof Environmental Test Standard



Measurements made in accordance with EN 301 178-2. All stated specifications are subject to change without notice or obligation.

OPTIONS

Rechargeable Li-ion battery pack





8.5 hours (approx.)

BAPID DESKTOP CHARGER

BC-145S* Charges BP-266 in 2.5 hours.

BC-110N+AD-123





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



Count on us!

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.

(approx.)



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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