



IC-M25

VHF MARINE TRANSCEIVER

Floating, Lightweight & Smart Features



● Marine Blue



● Black



**Slim, Lightweight,
High Performance**



**USB Charging
(Micro-B USB type)**



**11 Hours
of Battery Life**



**Large Display,
Simple User Interface**



Float'n Flash™



**Optional Speaker-
Microphone, HM-213**



*For illustration purpose only

FEATURES

Lightweight and Compact Body

The IC-M25 is the lightest weight floating marine radio* (218 g; 7.7 oz). Its slim depth (30.5 mm, 1.2 in) can be comfortably operated with one hand. These features make it easier to equip, carry and operate for a long time.

*As of June 2022, researched by Icom.

Float'n Flash™

If you accidentally drop the IC-M25 into the water, it will float, flash and sound an alarm. The buoyancy, the flashing light, and the sound reduce the risk of loss at sea.

11 Hours of Battery Life

The built-in 1570 mAh (typical) Li-ion battery realizes 5 Watts (approx.) output power and 11 hours of operation*.

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

700 mW Audio Output

The IC-M25 provides a powerful 700 mW (typical) audio output and received voice can be heard loud and clear.

Easy-to-Use

On the front panel, the function keys are good-sized and simply laid out. The large display features big channel numbers supporting 4-digit channels and automatic backlighting.

USB Charging (Micro-B USB type)

The IC-M25 adopts a micro-B USB charger connector* widely used on mobile devices. The built-in Li-ion battery pack can be charged quickly in three hours (approx.).

* The IC-M25 accepts 5 V/1 A (Max.) input.

Use of third-party products is not guaranteed.

Optional Speaker-Microphone, HM-213

The optional waterproof speaker-microphone, HM-213, provides commercial grade convenience while mounting the radio on the waist. The radio floats even when the HM-213 is attached.

Other Features

- IPX7 waterproof construction (1 m depth of water for 30 minutes)
- 4-step battery life indicator
- 2-step power save function
- Weather channel with weather alert
- Dual/Tri-watch functions
- Instant access to Ch 16 or program-mable call channel
- Favorite channel function
- Monitor function opens noise squelch
- Auto scan function
- Display auto backlighting
- AquaQuake™ prevents audio degradation from a water-logged speaker

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)
Power supply voltage	3.7 V DC nominal
Current drain Tx (5 W)	2.3 A
Rx (Internal SP/External SP)	400 mA/200 mA (Max. audio)
Operating temperature range	–20°C to +60°C; –4°F to +140°F
Antenna impedance	50 Ω
Dimensions (W × H × D) (projections not included)	56.6 × 134.2 × 30.5 mm; 2.2 × 5.3 × 1.2 in
Weight (approximate)	218 g; 7.7 oz (With antenna and MB-133)

TRANSMITTER	
Output power	5 W (approximate)/1 W
Max. frequency deviation	±5.0 kHz
Frequency stability	±10 ppm
Spurious emissions	–68 dBc typical
Adjacent channel power	70 dB
Residual modulation	40 dB

RECEIVER	
Sensitivity	0.25 μV typical (at 12 dB SINAD)
Squelch sensitivity	0.25 μV typical (at threshold)
Adjacent channel selectivity	70 dB typical
Spurious response	70 dB typical
Intermodulation	70 dB typical
Audio output power: Internal SP (at 10% distortion)	700 mW typical (8 Ω load)
External SP	300 mW typical (4 Ω load)

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

Applicable IP Rating

Ingress Protection Standard	
Water	IPX7 (Waterproof protection)

OPTIONS

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

AC ADAPTER AND USB CABLE  BC-258A/E (left) and OPC-2394 (right) Charges built-in battery in 3 hours (approx.).	SPEAKER-MICROPHONE IPX7  HM-213 Floats in water with the radio.	BELT CLIP  MB-133	ANTENNA  FA-SC59V
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BC-217SA/SE : USB charger Charges built-in battery pack in 3 hours (approx.).



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Supplied accessories:



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