

  
ICOM

VHF MARINE TRANSCEIVER

IC-M25

# New Style! Three Color Choices Smart Features



● Marine Blue



● Metallic Gray

● Pearl White



**Slim, Lightweight,  
High Performance**



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



**11 Hours  
of Battery Life**



**Large LCD,  
Simple User Interface**



**Float'n Flash**



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



Float'n Flash image

\*For illustration purpose only

## FEATURES

### Slim, Lightweight, High Performance

The IC-M25 has the slimmest (depth: 30.5 mm; 1.2 in) and lightest (220 g; 7.8 oz) body as a floating marine transceiver\*. It also delivers uncompromised performance that will exceed expectations.

\*As of July, 2015, researched by Icom.

### Large LCD, Simple User Interface

The IC-M25's LCD is 30% larger than its predecessor, the IC-M24 and shows clearly large channel number and status icons. The buttons on the front panel are well laid out and provide simple and straightforward operation.

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

A standard USB connector (Micro-B type) is used for charging the IC-M25. Cigarette lighter cables or mobile batteries for charging smartphones or other devices can be used with the IC-M25\*.

\* The IC-M25 accepts 5 V/1 A (Max.) input. Use of third-party products is not guaranteed.

### Float'n Flash

The IC-M25 floats and lets you know where it is with the flashing red LED light and LCD/key backlight.

### 11 Hours of Battery Life

The built-in 1500 mAh lithium-ion battery allows 11 hours (approx.) of long operation\*.

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

### Optional Speaker-Microphone, HM-213

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

### 550 mW Audio Output

The IC-M25 provides a powerful 550 mW (typical) audio output and received voice can be heard loud and clear.

### Other Features

- IPX7 waterproof construction (1 m depth of water for 30 minutes)
- 4-step battery life indicator
- Weather channel with weather alert
- Dual/Tri-watch functions
- Instant access to Ch 16 or programmable call channel
- Favorite channel function
- Monitor function opens noise squelch
- Auto scan function
- LCD auto backlighting
- AquaQuake™ draining function

## SPECIFICATIONS

GENERAL		
Frequency range	Tx Rx	156.025–157.425 MHz 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 Rx (Internal SP/External SP)	2.3 A 300 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 (approximately)		220 g; 7.8 oz (With FA-SC59V and MB-133)
TRANSMITTER		
Output power		5 W (approximately)/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 (at 10% distortion)	Internal SP External SP	550 mW typical (12 Ω load) 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.

<b>USB CHARGER</b>  <b>BC-217SA/SE</b> Charges built-in battery pack in 3 hours (approx.).	<b>SPEAKER-MICROPHONE</b> <b>IPX7</b>  <b>HM-213</b> Floats in water with the radio.	<b>BELT CLIP</b>  <b>MB-133</b>	<b>ANTENNA</b>  <b>FA-SC59V</b>
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SA for USA, SE for Europe plug.

### Supplied accessories:



- USB charger, BC-217SA\*
- Belt clip, MB-133
- Antenna, FA-SC59V
- Hand strap

\*Not supplied or may differ depending on version.



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