

  
**ICOM**

VHF MARINE TRANSCEIVER

**IC-M73**

# *Slim, Stylish, Powerful VHF with Professional Features*



◀ Photo shows USA version



## **Last Call Voice Recording**

The last call voice recording function automatically saves the last incoming call for 1 minute. You can also start recording manually. You will not miss an important call.



## **Active Noise Cancelling Technology**

The built-in bidirectional active noise cancelling reduces background noise to up to 90% and improves both your transmitted voice and incoming call. You will hear better and clearer!



## **Bass Boost Function**

The signal processing technology emphasizes low-pitched sound to provide a rich bass sound for both transmit and receive signals.



## **700mW Loud Audio**



## **6W RF Output Power**



## **IPX8 Submersible Plus™ Waterproofing**



## 700mW Loud Audio

The IC-M73 uses a BTL (bridge-tied load) amplifier that doubles the audio output. Its internal speaker delivers a loud 700mW audio output with clear sound.

## 6W RF Output Power

The IC-M73's 6 Watts of transmit power will provide extended communication range for the user. A large capacity Lithium-Ion battery, BP-245H allows for 17 hours of operation, under normal conditions\*.

\* Typical operation with 5:5:90 duty ratio. 20 hours for basic version.

## SPECIFICATIONS

GENERAL		
Frequency range	Tx	156.025-157.425MHz
	Rx	156.050-163.275MHz
Usable channel groups	INT, USA, CAN, WX channels	
Type of emission	16K0G3E (FM)	
Current drain		
Tx 6W output	1.5A	
Rx Max. audio (Int SP/Ext SP)	450mA/250mA	
Operating temp. range	-20°C to +60°C; -4°F to +140°F	
Antenna impedance	50Ω	
Dimensions (WxHxD)	52.5x125x30 mm	
(projections not included)	2.07x4.92x1.18 in	
Weight (approx.)	320g; 11.3oz	
	(With BP-245H, FA-S64V, MB-103)	

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

## IPX8 Submersible Plus™

The IC-M73 continues to offer Icom's best waterproof protection. The radio has been tested to survive after being submersed in 1.5m (4.9ft) depth of water for 30 minutes.

## Slim, Hourglass Body Wide Viewing Angle LCD

The IC-M73 has a stylish, ergonomic design. A durable and rugged body provides for user-friendly operation and long life. A wide viewing angle, high intensity LCD of fibers bright, easy to read characters.

TRANSMITTER	
Output power (Hi/Mid/Low)	6W/3W/1W
Max. frequency deviation	±5.0kHz
Frequency stability	±10ppm
Spurious emissions	-68dBc typ.
Adjacent channel power	70dB
Audio harmonic distortion	Less than 10% (at 60% dev.)
Residual modulation	40dB
RECEIVER	
Sensitivity	0.22μV typ. (at 12dB SINAD)
Squelch sensitivity	0.35μV typ. (at threshold)
Adjacent channel selectivity	70dB typ.
Spurious response	70dB typ.
Intermodulation	70dB typ.
Hum and noise	40dB
Audio output power	700mW typ. (Internal SP)
(at 10% distortion, 8Ω load)	350mW typ. (External SP)

## Additional features

- AquaQuake™ water draining function
- Dual/Tri-Watch function for monitoring Channel 16 and/or call channel
- 4 level battery indicator
- Favorite channel and tag scan functions
- Rapid desktop charger, BC-210, and cigarette lighter cable, CP-25H, are supplied
- Optional waterproof speaker-microphones, HM-167 and HM-202
- Auto power save function
- Basic version (no voice recorder, no noise canceller and no bass boost function) available for limited markets.

## Applicable U.S. Military Specifications & IP Rating

Standard	MIL 810G	
	Method	Procedure
Low Pressure	500.5	I, II
High Temperature	501.5	I, II
Low Temperature	502.5	I, II
Temperature Shock	503.5	I-C
Solar Radiation	505.5	I
Rain Blowing/Drip	506.5	I, III
Humidity	507.5	II
Salt Fog	509.5	-
Dust Blowing	510.5	I
Immersion	512.5	I
Vibration	514.6	I
Shock	516.6	I, IV

Also meets equivalent MIL-STD-810-C, -D, -E and -F.

## Applicable IP Rating

Ingress Protection Standard	
Water	IPX8 (Waterproof protection)

## OPTIONS

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

### BATTERY PACK



**BP-245H** Li-Ion 7.2V, 2150mAh (min.), 2200mAh (typ.).

### RAPID CHARGER



**BC-123S\*** **BC-210**  
Charges the BP-245H in 3 hours (approx.).  
\* BC-123SA for 120V AC. SE for 230V AC.

### MULTI-CHARGER



**BC-197** **BC-157S**  
Charges up to six BP-245H in 3 hours (approx.).  
AD-129 is supplied with the BC-197, depending on version.

## Supplied Accessories:



- Cigarette lighter cable, CP-25H
- AC adapter, BC-123SA/SE\*
- Rapid charger, BC-210
- Battery pack, BP-245H
- Belt clip, MB-103
- Antenna, FA-S59V or FA-S64V\*
- Hand strap
- \* May differ depending on version.

### SPEAKER-MICROPHONES



**HM-167** **HM-202**  
IPX8 rugged type **IPX7** compact type

### BELT CLIPS



**MB-86** **MB-103**  
Swivel type **Alligator** type

### LEATHER BELT HANGERS



**MB-96N** **MB-96F** **MB-96FL**  
Swivel type **Fixed** type **Long** type

### CIGARETTE LIGHTER CABLE & DC POWER CABLES



**CP-25H** **OPC-515L** **OPC-656**  
For use with **For use with** **For use with**  
BC-210 **BC-210** **BC-197**

### ANTENNAS



**FA-S59V** (Left) 150mm  
**FA-S64V** (Right) 115mm

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