



# IC-M73

VHF MARINE TRANSCEIVER

## 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 one 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.



700 mW  
Loud Audio



6 W RF  
Output Power



IPX8 Submersible Plus™  
Waterproofing

**700 mW Loud Audio**

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

**6 W 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.

**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 1.5 m (4.9 ft) 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 offers bright, easy to read characters.

**Additional features**

- AquaQuake™ prevents audio degradation from a water-logged speaker
- 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.

**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 (approximate)		
Tx 6 W output	1.5 A	
Rx Max. audio (Int SP/Ext SP)	450 mA/250 mA	
Operating temp. range	–20°C to +60°C; –4°F to +140°F	
Antenna impedance	50 Ω	
Dimensions (WxHxD)	52.5x125x30 mm	
(projections not included)	2.0x4.9x1.2 in	
Weight (approximate)	320 g; 11.3 oz	
	(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.

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

**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	–
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 7.2 V, 2100 mAh (min.), 2250 mAh (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

**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 BC-210 For use with BC-210 For use with BC-197

**ANTENNAS**



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

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