

 ICOM

VHF MARINE TRANSCEIVER

IC-M73EURO

Slim, Stylish, Powerful VHF with Professional Features



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 Advanced Waterproofing

700 mW Loud Audio

The IC-M73EURO uses a BTL (bridge-tied load) amplifier that doubles the audio output. Its internal speaker delivers a loud 700mW audio output with clear sound.

6 W RF Output Power

The IC-M73EURO's 6 Watts*1 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*2.

*1 1 W for FRG version, *2 Typical operation with 5:5:90 duty ratio. 20 hours for basic version.

SPECIFICATIONS

GENERAL		
Frequency range	Tx	156.000–161.450 MHz
	Rx	156.000–163.425 MHz
Usable channel groups	INT, USA* channels (* Depending on version)	
Type of emission	16K0G3E (FM)	
Current drain		
Tx 6 W output	1.5 A	
Rx Max. audio (Int SP/Ext SP)	450 mA/250 mA	
Operating temp. range	–15°C to +55°C	
Antenna impedance	50 Ω (SMA)	
Dimensions (W×H×D) (projections not included)	52.5×125×30 mm	
Weight (approx.)	320 g (With BP-245H, FA-S64V, MB-103)	

Measurements made in accordance with EN301-178-2. All stated specifications are subject to change without notice or obligation.

IPX8 Advanced Waterproofing

The IC-M73EURO 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-M73EURO 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.

TRANSMITTER	
Output power (Hi/Mid/Low)	6 W/3 W/1 W 1/0.5 W (FRG version)
Max. frequency deviation	±5.0 kHz
Frequency stability	±1.5 kHz
Spurious emissions	0.25 µW
Adjacent channel power	70 dB
Audio harmonic distortion	Less than 10% (at 60% dev.)
Residual modulation	40 dB
RECEIVER	
Sensitivity (at 20 dB SINAD)	–4 dBµ emf typ.
Squelch sensitivity	–5 dBµ emf typ. (at threshold)
Adjacent channel selectivity	70 dB
Spurious response	70 dB
Intermodulation	68 dB
Hum and noise	40 dB
Audio output power (at 10% distortion, 8 Ω load)	700 mW typ. (Internal SP@1 kHz) 200 mW (External SP)

Additional features

- AquaQuake™ water draining function
- Dual/Tri-Watch function* for monitoring Channel 16 and/or call channel
* Not available in the HOL version.
- 4 level battery indicator
- Favorite channel and tag scan functions
- Optional waterproof speaker-microphones, HM-167 and HM-202
- Rapid charger BC-210 supplied
- Auto power save function
- Basic version (no voice recorder, no noise canceller and no bass boost function) available for limited markets.
- Supports new four-digit marine channels effective from January 1st, 2017

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 Rechargeable Li-Ion
7.2 V, 2100 mAh (min.), 2250 mAh (typ.).

RAPID CHARGER



BC-123SE **BC-210**
Charges the BP-245H in 3 hours (approx.).

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-123SE*
- Rapid charger, BC-210 • Battery pack, BP-245H
- Belt clip, MB-103 • Antenna, FA-S59V or FA-S64V*
- Hand strap

* Not supplied or may differ depending on version.

SPEAKER-MICROPHONES



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

BELT CLIPS



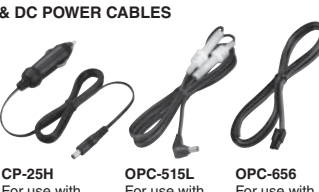
MB-86 Swivel type
MB-103 Alligator type

LEATHER BELT HANGERS



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

CIGARETTE LIGHTER CABLE & DC POWER CABLES



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

ANTENNAS



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

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