

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

* Basic version (no voice recorder, no noise canceller and no bass boost function) available for limited markets.

700mW 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.

6W 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 allows for 18 hours of operation, under normal conditions*2.

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

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 1.5m (4.9ft) 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.

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
- Optional waterproof speaker-microphones, HM-167 and HM-202
- Rapid charger BC-210 supplied
- Auto power save function
- FA-S64V short antenna

SPECIFICATIONS

GENERAL		
Frequency range	Tx	156.000–161.450MHz
	Rx	156.000–163.425MHz
Usable channel groups	INT, USA* channels (* Depending on version)	
Type of emission	16K0G3E (FM)	
Current drain (at 7.4V DC)		
Tx 6W output	1.5A	
Rx Max. audio (Int SP/Ext SP)	450mA/250mA	
Operating temp. range	–15°C to +55°C	
Antenna impedance	50Ω (SMA)	
Dimensions (W×H×D) (projections not included)	52.5×125×30 mm	
Weight (approx.)	320g (With BP-245N, FA-S64V, MB-103)	

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

TRANSMITTER	
Output power (Hi/Mid/Low)	6W/3W/1W 1/0.5W (FRG version)
Max. frequency deviation	±5.0kHz
Frequency stability	±1.5kHz
Spurious emissions	0.25μW
Adjacent channel power	70dB
Audio harmonic distortion	Less than 10% (at 60% dev.)
Residual modulation	40dB
RECEIVER	
Sensitivity (at 20dB SINAD)	–2dBμ emf typ.
Squelch sensitivity	–6dBμ emf typ. (at threshold)
Adjacent channel selectivity	70dB
Spurious response	70dB
Intermodulation	68dB
Hum and noise	40dB
Audio output power (at 10% distortion, 8Ω load)	700mW typ. (Internal SP) 200mW (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	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-245N Li-Ion 7.4V,
1900mAh (min.), 2000mAh (typ.).

RAPID CHARGER



BC-123SE **BC-210**

Charges the BP-245N in 2.5 hours (approx.).

MULTI-CHARGER



BC-197 **BC-157S**

Charges up to six BP-245N in 2.5 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-245N
- Belt clip, MB-103 • Antenna, FA-S59V or FA-S64V*
- Hand strap

* Not supplied or may differ depending on version.

SPEAKER-MICROPHONES



HM-167 **HM-202**

BELT CLIPS



MB-86 **MB-103**

LEATHER BELT HANGERS



MB-96N **MB-96F**

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) 150mm
FA-S64V (Right) 115mm

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