



PRE-RELEASE INFORMATION

VHF MARINE TRANSCEIVER

# IC-M73EURO

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



Actual Size



### 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

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 even in noisy environments.



### 6W RF Output Power

The IC-M73EURO's 6 Watts\*<sup>1</sup> 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\*<sup>2</sup>.

\*<sup>1</sup> 1W for FRG version, \*<sup>2</sup> 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. Use this radio in the rain, snow or any other severe weather conditions!



### 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.

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

**Additional features**

- AquaQuake™ water draining function ejects water from the speaker grille with low frequency sound.
- Dual/Tri-Watch function for monitoring Channel 16 and/or call channel
- Battery indicator shows remaining battery power in 4 levels
- Favorite channel and tag scan functions
- Optional speaker-microphones, HM-167 and HM-202
- Rapid charger BC-210 supplied with the IC-M73EURO
- 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 (WxHxD) (projections not included)	52.5x125x30 mm
Weight (approx.)	280g (With BP-245N) 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

**Supplied accessories:**

- Battery pack, BP-245N
  - AC adapter, BC-123SE\*
  - Belt clip, MB-103
  - Rapid charger, BC-210
  - Antenna, FA-S59V or FA-S64V\*
  - Hand strap
- \*Not supplied or may differ depending on version.

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)
Internal speaker	700mW typ.
External speaker	200mW

**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.

**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

**SPEAKER-MICROPHONES**



**IPX8** **IP67**

**HM-167** **HM-202**

**BELT CLIPS**



**MB-86** **MB-103**

**LEATHER BELT HANGERS**



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

**ANTENNAS**  
FA-S64V: 115mm antenna.  
FA-S59V: 150mm antenna.

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