

 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. \* depending on version



**700mW  
Loud Audio**



**6W RF  
Output Power**



**IPX8 Advanced  
Waterproofing**

**700mW Loud Audio**

The IC-M73EURO uses a BTL (bridged 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<sup>\*1</sup> of transmit power will provide extended communication range for the user. A large capacity Lithium-Ion battery, BP-245H, allows for 16 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. 18 hours for basic version.

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

\* Not available in the HOL version.

**SPECIFICATIONS**

GENERAL	
Frequency range	Tx 156.000-161.450MHz Rx 156.000-163.425MHz
Usable channel groups	INT and 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-245H, FA-S64V, MB-103)

TRANSMITTER	
Output power (Hi/Mid/Low)	6W/3W/1W
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)	-4dBμ emf typ.
Squelch sensitivity	-5dBμ 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@1kHz) 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	-
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 (#15) Li-Ion 7.2V, 2100mAh (min.), 2250mAh (typ.).**

**RAPID CHARGER**



**BC-123SE**  
**BC-210**

Charges the BP-245H in 3 hours (approx.).

**SPEAKER-MICROPHONES**



**HM-167**  
IPX8 rugged type

**HM-202**  
IPX7 compact type

**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.

**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

**ANTENNAS**



**FA-S59V** (Left) 150mm

**FA-S64V** (Right) 115mm

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