

 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.

**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.

**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

**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.

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	700 mW typ. (Internal SP@1 kHz)
(at 10% distortion, 8 Ω load)	200 mW (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-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**



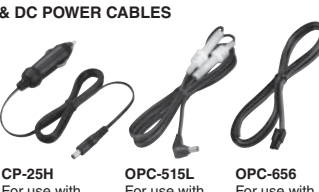
**MB-86** Swivel type  
**MB-103** Alligator type

**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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