

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.

\*Only version IC-M73EUROPLUS



## 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



**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\*1 of transmit power will provide extended communication range for the user. A large capacity Lithium-Ion battery allows for 16 hours of operation, under normal conditions\*2.

\*1 1W for FRG version, \*2 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.

**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
	Rx	Max. audio (Int SP/Ext SP)
Operating temp. range	-15°C to +55°C	
Antenna impedance	50Ω (SMA)	
Dimensions (WxHxD) (projections not included)	52.5x125x30 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)	-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	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	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** 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

**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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**Icom France s.a.s.**

Zac de la Plaine - 1, Rue Brindejonc des Moulinais  
BP 45804 - 31505 TOULOUSE CEDEX 5  
Tél : +33 (0)5 61 36 03 03 - Fax : +33 (0)5 61 36 03 00  
WEB ICOM : <http://www.icom-france.com>  
E-mail : [icom@icom-france.com](mailto:icom@icom-france.com)



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