


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 (bridged 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 (WxHxD) (projections not included)	52.5x125x30 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) 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 **MB-103**
Swivel type Alligator type

LEATHER BELT HANGERS



MB-96N **MB-96F** **MB-96FL**
Swivel type Fixed type 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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