

# IC-M73EURO PLUS

VHF MARINE TRANSCEIVER





# **REC** 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.



700mW **Loud Audio** 



# **Active Noise Cancelling** VACTIVE CANCEL 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!



**Output Power** 



## **Bass Boost** Function\*

The signal processing technology emphasizes low-pitched sound to provide a rich bass sound for both transmit and receive



**IPX8 Advanced** Waterproofing

### IC-M73EURO · IC-M73EURO PLUS

#### 700 mW Loud Audio

The IC-M73EURO uses a BTL (bridgetied 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**

- AguaQuake<sup>™</sup> 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
- 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)	52.5×125×30 mm	
(projections not included)	52.5x 125x30 mm	
Weight (approx.)	320 g	
weight (approx.)	(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	
RECEIVER Sensitivity (at 20 dB SINAD)	–4 dBµ emf typ.
	<ul><li>–4 dBμ emf typ.</li><li>–5 dBμ emf typ. (at threshold)</li></ul>
Sensitivity (at 20 dB SINAD)	-5 dBµ emf typ. (at threshold)
Sensitivity (at 20 dB SINAD) Squelch sensitivity	-5 dBµ emf typ. (at threshold)
Sensitivity (at 20 dB SINAD) Squelch sensitivity Adjacent channel selectivity	-5 dBµ emf typ. (at threshold) 70 dB
Sensitivity (at 20 dB SINAD) Squelch sensitivity Adjacent channel selectivity Spurious response	-5 dBμ emf typ. (at threshold) 70 dB 70 dB
Sensitivity (at 20 dB SINAD) Squelch sensitivity Adjacent channel selectivity Spurious response Intermodulation	–5 dBµ emf typ. (at threshold) 70 dB 70 dB 68 dB

#### 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 -E

#### Applicable IP Rating

ngress Protection	Standard
Nater	IPX8 (Waterproof protection)

#### **OPTIONS**

Some options may not be available in some countries. Please ask your dealer for details

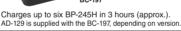


7.2 V, 2100 mAh (min.), 2250 mAh (typ.).



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





# **Supplied Accessories:**

- Rapid charger, BC-210
   Battery pack, BP-245H
- Antenna, FA-S59V or FA-S64V\* Belt clip, MB-103
- Not supplied or may differ depending on version

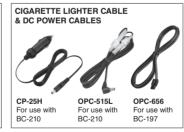
Cigarette lighter cable, CP-25H\*













AC adapter, BC-123SE

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