

 ICOM

VHF MARINE TRANSCEIVER

# IC-M73PLUS

## *Slim, Stylish, Powerful VHF Plus 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

**700mW Loud Audio**

The IC-M73PLUS uses a BTL (Bridge-Tied Load) amplifier that doubles the audio output. The internal speaker delivers a loud and clear 700mW audio output.

**6W RF Output Power**

The IC-M73PLUS's 6 watt transmit power will provide an extended communication range. A large capacity Lithium-Ion battery allows for 16 hours of operation under normal conditions.

**IPX8 Advanced Waterproofing**

The IC-M73PLUS continues to offer ICOM's best waterproof protection. The radio has been tested to withstand being submersed in 1.5m (4.9ft) depth of water for 30 minutes.

**Slim, Hourglass Body  
Wide Viewing Angle LCD**

The IC-M73PLUS has a stylish and ergonomic design. A durable and rugged body provides 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/Ti-Watch function monitors Channel 16 and/or call channel
- 4-level battery indicator
- Favourite channel and tag scan functions
- Two optional waterproof speaker-mics: HM-167 and HM-202
- BC-210 rapid charger supplied
- Auto power-save function

**VOX function for hands-free operation \*/\*\***

With the OPC-1392 headset adapter cable you can use a variety of optional HS-94, HS-95 or HS-97 headsets\*. The IC-M73PLUS has VOX (Voice Operated Transmit) capability for hands-free operation. Also, the VOX gain and VOX delay time are adjustable.

\* Headsets, HS-94, HS-95 and HS-97 and OPC-1392 are not waterproof.

\*\* This needs to be enabled by your local ICOM marine dealer.

**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	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-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-245H 7.2V/2150mAh Li-Ion battery pack

**RAPID CHARGER**



BC-06 BC-210  
Charges the BP-245H 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:**



BP-245H 7.2V/2150mAh Li-Ion battery pack  
BC-210 Rapid Charger  
BC-06 AC Adapter  
MB-103 Alligator-type belt clip  
FA-S64V Antenna  
Handstrap and handbook

**SPEAKER-MICROPHONES**



HM-167 HM-202  
IPX8 rugged type IPX7 compact type

**BELT CLIPS**




MB-86 MB-103  
Swivel type Alligator type

**LEATHER BELT HANGERS**



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

**CIGARETTE LIGHTER CABLE & DC POWER CABLES**



CP-25H OPC-515L OPC-656  
For use with For use with For use with  
BC-210 BC-210 BC-197

**ANTENNAS**



FA-S59V (Left) 150mm  
FA-S64V (Right) 115mm

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