**VHF MARINE TRANSCEIVER** 

# IC-M73PLUS







## 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.



6W RF **Output Power** 

Technology

The built-in bidirectional active noise cancel-

ling 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



**IPX8 Advanced** Waterproofing



700mW **Loud Audio** 

### IC-M73PLUS

#### 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-lon 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, highintensity LCD offers bright, easy-to-read characters.

#### **Additional Features:**

- AquaQuake<sup>™</sup> water draining function
- Dual/Ti-Watch function monitors Channel 16 and/or call channel
- · 4-level battery indicator
- Favourite channel and tag 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
Llooble channel groups	INT, USA* channels
Usable channel groups	(* 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 SF	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)
(at 10% distortion, 8Ω load)	200mW (External SP)

#### Applicable U.S. Military Specifications & IP Rating

Standard	MIL 810G	
Standard	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.







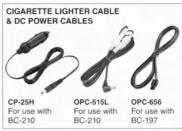
Charges up to six BP-245N in 2.5 hours (approx.). AD-129 is supplied with the BC-197, depending on version













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