


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

* Basic version (no voice recorder, no noise canceller and no bass boost function) available for limited markets.

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 18 hours of operation, under normal conditions*2.

*1 1W for FRG version, *2 Typical operation with 5:5:90 duty ratio.

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
- FA-S64V short antenna

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) | -2dBµ emf typ. |
| Squelch sensitivity | -6dBµ emf typ. (at threshold) |
| Adjacent channel selectivity | 70dB |
| Spurious response | 70dB |
| Intermodulation | 68dB |
| Hum and noise | 40dB |
| Audio output power (at 10% distortion, 8Ω load) | 700mW typ. (Internal SP) 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 **HM-202**

BELT CLIPS




MB-86 **MB-103**

LEATHER BELT HANGERS



MB-96N **MB-96F**

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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