

# IC-M71

## The radio with **MORE** :

- More Power (6 Watts)
- More Waterproof (IPX8)
- More Form Factor (easy to hold and operate)



**Waterproof**  
1.5m depth for 30 minutes



### Compact Body, Great "Form Factor"

A compact design, hourglass body-shape and comfortable side grips give the IC-M71 an outstanding "form factor"—Perfect for one handed use!

### Highest available power! 6 Watts

The IC-M71's 6 Watts\*<sup>1</sup> of transmit power can carry a conversation a long way. A large capacity 2000mAh Lithium-Ion battery allows for 15–16 hours of operation, under normal conditions\*<sup>2</sup>.

\*<sup>1</sup> 1W for FRG version, \*<sup>2</sup> 5% Transmit, 5% Receive, 90% Stand-by

### 600mW AF output

The built-in BTL amp doubles the audio output and delivers a loud 600mW audio from the internal speaker. You can hear a call even in noisy environments.

### Advanced Waterproofing (IPX8)

The IC-M71 offers Icom's best-ever protection against water intrusion. This radio has been tested to survive after being submerged in 1.5m (4.9ft) depth of water for 30 minutes.

### Wide Viewing Angle LCD

A wide viewing angle, high intensity LCD is used in the IC-M71, offering bright, easy to read characters. The bright LCD backlighting and backlit keypad is great for night time operation.

### 30% Shorter Antenna

The IC-M71's antenna is engineered to perform with typical Icom efficiency even though it is nearly 30%\* shorter than previous Icom marine antennas on comparable models.

\* IC-M71's antenna length is 115mm.

Additional features

- Auto scan function\*1 to start scanning when receiving no signal
- Simple add/delete TAG scanning\*1 operation
- Auto power save function
- Battery indicator shows remaining battery power in 4 levels
- Instant access to Ch. 16 and call channel
- Built-in UT-112 compatible voice scrambler (Depending on version)
- AquaQuake draining function emits a vibrating sound and clears water away from the speaker grill
- 70 programmable\*2 channels

\*1 Except Holland version. \*2 Appropriate license will be required.

SPECIFICATIONS

GENERAL

- Frequency range :
  - Tx 156.000–161.450MHz
  - Rx 156.000–163.425MHz
- Usable channels : INT, USA\* channels (\* Depending on version)
- Current drain (at 7.2V DC) :
  - Tx 6W output 1.7A typical
  - 1W output 0.7A typical
  - Rx Internal SP 400mA typical (AF Max.)
  - External SP 200mA typical (AF Max.)
- Operating Temp. range : -15°C to +55°C
- Antenna impedance : 50Ω (SMA)
- Dimensions (W×H×D) : 52.5×125×30 mm (projections not included)
- Weight (approx.) : 280g (with BP-245)

- Supplied accessories:** (\* Depending on version)
- Battery pack, BP-245
  - Battery charger, BC-166
  - AC adaptor, BC-147E\*
  - Belt clip, MB-103
  - Antenna, FA-S64V
  - Hand strap

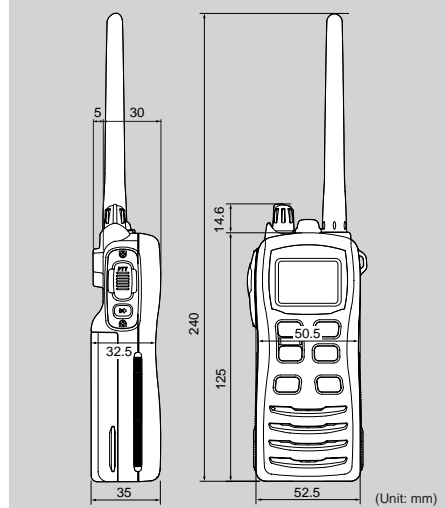
TRANSMITTER

- Output power (Hi/Mid/Low): 6/3/1W
- FRG version 1/0.5W
- Max. frequency deviation: ± 5.0kHz
- Frequency error : ± 1.5kHz
- Spurious emissions : 0.25μW
- Adjacent channel power : 70dB
- Residual modulation : 40dB
- Audio harmonic distortion : Less than 10% (at 60% dev.)

RECEIVER

- Sensitivity (20dB SINAD) : -2dBμ emf typical
- Squelch sensitivity : -6dBμ emf typical (threshold)
- Adjacent channel selectivity: 70dB
- Spurious response : 70dB
- Intermodulation rejection: 68dB
- Hum and noise ratio : 40dB
- Audio output power (at 10% distortion with an 8Ω load) :
  - Internal SP 0.6W typical (BTL)
  - External SP 0.2W

DIMENSIONS



Measurements made in accordance with EN301-178-2. All stated specifications are subject to change without notice or obligation.

OPTIONS

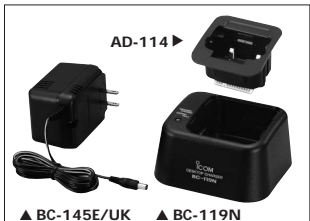
Some options may not be available in some countries. Please ask your dealer for details.



**BP-245** 7.4V/2000mAh Li-Ion battery pack. Provides 15–16 hours\* operating time (approx.). Same as supplied. \*(Tx (Hi): Rx: standby=5:5:90).



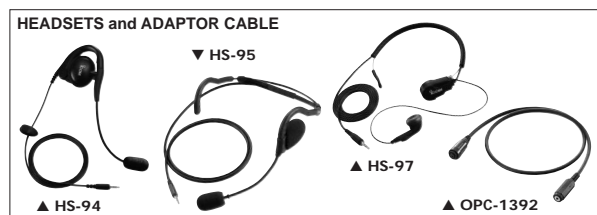
**BC-166** DESKTOP CHARGER + **BC-147E** AC ADAPTER  
Regularly charges the battery pack, BP-245 in 11–12 hours (approx.). Same as supplied.



**BC-119N** DESKTOP CHARGER + **AD-114** CHARGER ADAPTER + **BC-145E/UK** AC ADAPTER  
For rapid charging of a battery pack. Charging time: 3–4 hours. (approx.)



**BC-121N** MULTI-CHARGER + **AD-114** CHARGER ADAPTER + **BC-157** AC ADAPTER  
For rapid charging of up to 6 battery packs (Six AD-114s are required). Charging time: 3–4 hours. (approx.)  
**OPC-656** DC POWER CABLE (12–16 V DC required)



**HS-94** : Earhook headset with flexible boom microphone.  
**HS-95** : Behind-the-head headset with flexible boom microphone.  
**HS-97** : Throat microphone fits around your neck and picks up speech vibrations.  
**OPC-1392** : Required when using these headsets. These headsets are not waterproof.



**HM-125** Full sized, submersible construction corresponds to IPX7 (1m depth for 30 minutes).



**MB-86**: Swivel-type.  
**MB-103**: Alligator-type. Same as supplied.



**CP-17L** CIGARETTE LIGHTER CABLE WITH NOISE FILTER  
**OPC-515L** DC POWER CABLE  
Replaces AC adapter BC-145 when using DC power with battery charger, BC-119N. (12–16 V DC required)

Icom Inc.

URL: <http://www.icom.co.jp/world/index.html>

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