

IC-M71

The radio with **MORE** :

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



Compact Body, Great "Form Factor"

A compact design, hourglass body-shape and comfortable side grips give the IC-M71 an outstanding "form factor"—it's easy to use with just one hand!

Highest available power! 6 Watts

The IC-M71's 6 Watts*¹ 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*².

*¹ 1W for FRG version, *² 5% Transmit, 5% Receive, 90% Stand-by

600mW AF output

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 Waterproof (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 antenna.

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

Additional features

- Auto scan function to start scanning when receiving no signal
- Auto power save function
- Battery indicator shows remaining battery power in 4 levels
- Instant access to Ch. 16 and Ch. 9 (or call channel)
- Simple add/delete TAG scanning operation
- 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 channels

* 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
 - 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) (projections not included) : 52.5×125×30 mm
- Weight (approx.) : 280g (with BP-245)

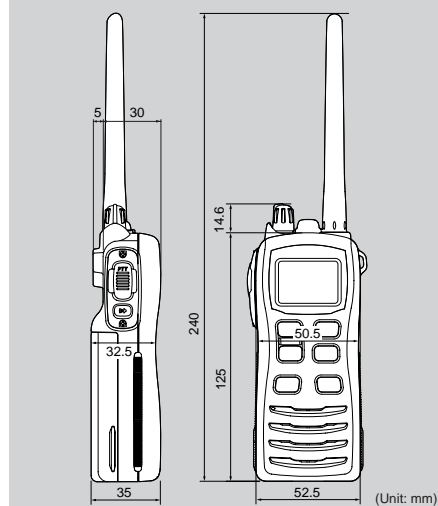
TRANSMITTER

- 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
 - External SP 0.2W

DIMENSIONS



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

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

OPTIONS

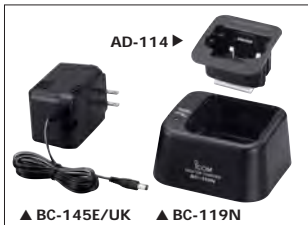
Some options may not be available in some countries. Please ask your dealer for details.



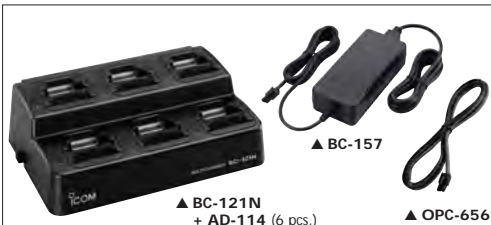
BP-245 7.4V/2000mAh Li-Ion battery pack. Provides 15-16 hours* operating time (approx.). Same as supplied. *(Tx (Hi): Rx: standby=5:5:90).



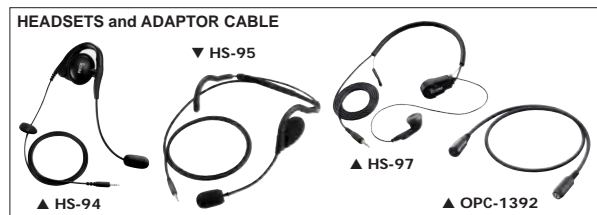
BC-166 DESKTOP CHARGER + BC-147E AC ADAPTER
 Regularly charges the battery pack, BP-245 in 11-12 hours (approx.). Same as supplied.



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 (12-16V 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 adaptor BC-145 when using DC power on battery charger, BC-119N. (12-16V DC required)

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