

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

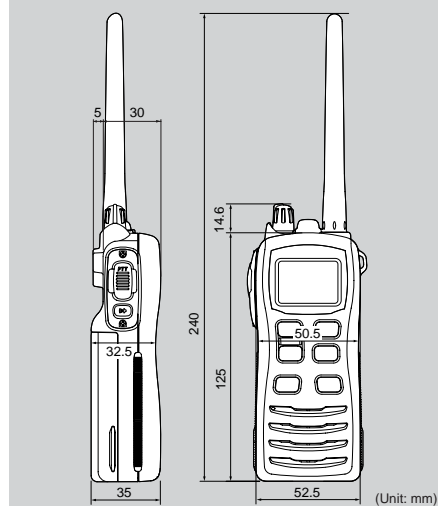
TRANSMITTER

- 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.



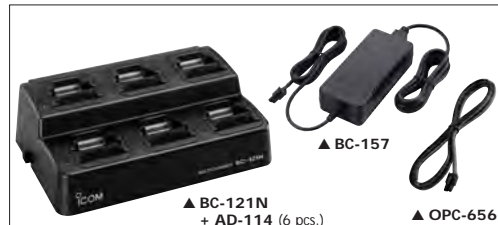
BP-245 7.4V/2000mAh Li-Ion battery pack. Provides 15-16 hours* operating time (approx.). Same as supplied. *(Tx (Hi): Rx: standby=5:5:90).



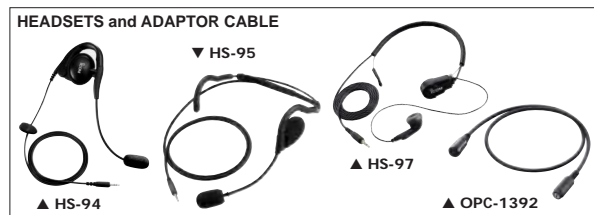
BC-166 DESKTOP CHARGER + **BC-147E** AC ADAPTER
 Regularly charges the battery pack, BP-245 in 11-12 hours (approx.). Same as supplied.



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

Icom Inc. 1-1-32, Kamiminami, Hirano-ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302 Fax: +81 (06) 6793 0013

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

Count on us!

Icom America Inc.
 2380 116th Avenue NE,
 Bellevue, WA 98004, U.S.A.
 Phone : +1 (425) 454-8155
 Fax : +1 (425) 454-1509
 E-mail : sales@icomamerica.com
 URL : <http://www.icomamerica.com>

Icom New Zealand
 146A Harris Road, East Tamaki,
 Auckland, New Zealand
 Phone : +64 (09) 274 4062
 Fax : +64 (09) 274 4708
 E-mail : inquiries@icom.co.nz
 URL : <http://www.icom.co.nz>

Icom (UK) Ltd.
 Unit 9, Sea St., Herne Bay,
 Kent, CT6 8LD, U.K.
 Phone : +44 (0)1227 741741
 Fax : +44 (0)1227 741742
 E-mail : info@icomuk.co.uk
 URL : <http://www.icomuk.co.uk>

Asia Icom Inc.
 6F No. 68, Sec. 1 Cheng-Teh Road,
 Taipei, Taiwan, R.O.C.
 Phone : +886 (02) 2559 1899
 Fax : +886 (02) 2559 1874
 E-mail : sales@asia-icom.com
 URL : <http://www.asia-icom.com>

Your local distributor/dealer:

Icom Canada
 Glenwood Centre #150-6165 Highway 17,
 Delta, B.C., V4K 5B8, Canada
 Phone : +1 (604) 952-4266
 Fax : +1 (604) 952-0090
 E-mail : info@icomcanada.com
 URL : <http://www.icomcanada.com>

Icom (Europe) GmbH
 Communication Equipment
 Himmelgeister Str. 100,
 D-40225 Düsseldorf, Germany
 Phone : +49 (0)211 346047
 Fax : +49 (0)211 333639
 E-mail : info@icom-europe.com
 URL : <http://www.icom-europe.com>

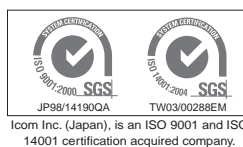
Icom France S.a
 Zac de la Plaine, 1,
 Rue Brindejonc des Moulinais BP 5804,
 31505 Toulouse Cedex, France
 Phone : +33 (5) 61 36 03 03
 Fax : +33 (5) 61 36 03 00
 E-mail : icom@icom-france.com
 URL : <http://www.icom-france.com>

Beijing Icom Ltd.
 10C07, Long Silver Mansion, No.88, Yong Ding
 Road, Haidian District, Beijing, 100039, China
 Phone : +86 (010) 5889 5391/5392/5393
 Fax : +86 (010) 5889 5395
 E-mail : bjicom@bjicom.com
 URL : <http://www.bjicom.com>

Icom (Australia) Pty. Ltd.
 A.B.N. 88 006 092 575
 Unit 1 / 103 Garden Road,
 Clayton VIC 3168 Australia
 Phone : +61 (03) 9549 7500
 Fax : +61 (03) 9549 7505
 E-mail : sales@icom.net.au
 URL : <http://www.icom.net.au>

Icom Spain S.L.
 Ctra. Rubi, No. 88 "Edificio Can Castanyer"
 08190, Sant Cugat del Valles, Barcelona, Spain
 Phone : +34 (93) 590 26 70
 Fax : +34 (93) 589 04 46
 E-mail : icom@icomspain.com
 URL : <http://www.icomspain.com>

Icom Polska
 Sopot, 3 maja 54, Poland
 Phone : +48 (58) 550 7135
 Fax : +48 (58) 551 0484
 E-mail : icompolska@icompolska.com.pl
 URL : <http://www.icompolska.com.pl>



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