

IC-M10A IC-M10E

Your portable marine communications center.

Portable, reliable and simple-to-operate, the IC-M10A/E is designed to meet a variety of marine communication needs.

● Programmable call channel

Program your most-often-used channel into the call channel for quick and easy recall at the push of a switch. The call channel is not programmable with some versions.

● Selectable dual/tri-watch function

Monitor the distress channel (ch 16) while operating on another channel using the dualwatch function; or, monitor channel 16 and the call channel while operating on another channel using the tri-watch function.

● Low power consumption design

The power saver function draws a scant 19 mA of current during standby thus providing extended operating times. Reliability that's ready to go when you are.

● Multiple scan functions

Use normal scan to search through all regular channels or memory channels in sequence; use priority scan to monitor channel 16 while scanning. Also, unwanted channels can be locked out.

Some versions have no scan function or only priority scan.

● Up to 24 memory channels

Program often-used channels in up to 24 memory channels for easy recall and scanning purposes.

● Up to 6 W of output power

Attach the optional BP-174 rechargeable Ni-Cd battery pack and use a powerful 6 W of output for long range contacts.

● Optional voice scrambler function

The optional UT-98 VOICE SCRAMBLER UNIT provides up to 128 analog voice scramble codes for private communications.

And more

- All VHF INT, U.S.A. and WX (U.S.A. only) marine channels
- One-push selection of ch16
- LCD backlighting with an auto OFF function allows you to read the display during nighttime operation
- SET mode allows customization of transceiver operation
- A battery case*, flexible antenna, belt clip and handstrap are supplied with the transceiver

*Some versions supplied with a rechargeable Ni-Cd battery pack and charger instead.



SPECIFICATIONS

GENERAL

- Frequency range:
Tx 156-157.5 MHz
Rx 156-163 MHz
- Mode:
FM (16K0G3E)
- Current drain (at 13.2 V DC):
Tx high 1.8 A
low 0.9 A
Rx max. audio 300 mA
power saved 19 mA
- Useable temperature range:
-20°C to +60°C (-4°F to +140°F)
- Weight:
300 g/10.6 oz (w/BP-130A + 6 cells)
422 g/14.9 oz (w/BP-174)
310 g/10.9 oz (w/BP-160)

TRANSMITTER

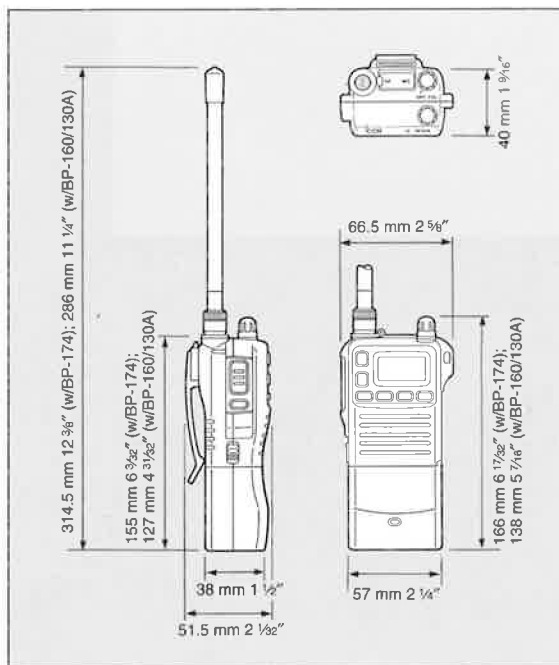
- Output power:
High 3 W (typical)
6 W (with optional BP-174)
Low 0.5 W
- Modulation system:
Variable reactance phase modulation
- Maximum frequency deviation:
±5 kHz
- Spurious emissions:
Less than -65 dB (0.25 μW*)

RECEIVER

- Sensitivity (for 12 dB SINAD):
Less than 0.35 μV
- Squelch sensitivity (at threshold):
Less than 0.3 μV
- Intermodulation rejection ratio:
More than 60 dB (68 dB*)
- Spurious response rejection ratio:
More than 60 dB (70 dB*)
- Audio output power:
500 mW with and 8 Ω load

All specifications are subject to change without notice or obligation.

*Values for European versions measured in accordance with ETS300 162.



OPTIONS

BATTERY PACK AND BATTERY CASE

- **BP-130A** BATTERY CASE for R6 (AA) × 6 batteries.
- **BP-157A/BP-160/BP-174** Ni-Cd BATTERY PACK
BP-157A: 7.2 V/900 mAh for extended use; BP-160: 7.2 V/700 mAh for regular use; BP-174: 12 V/600 mAh for 6 W or high output power use.

CHARGERS

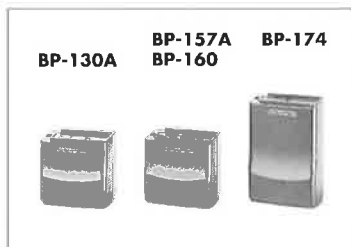
- **BC-119** DESKTOP CHARGER + **AD-66** DESKTOP CHARGER ADAPTER
For rapid charging a battery pack. An AC adapter is supplied with the charger. Charging time: 1 to 1.5 hrs.
- **BC-121** MULTI-CHARGER + **AD-66** DESKTOP CHARGER ADAPTER
For charging up to 6 batteries simultaneously. An AC adapter may be supplied depending on version. Six AD-66's are necessary. Charging time: 1 to 1.5 hrs.

AD-54 BATTERY CHARGER

Trickle charges battery/packs. The BM-95U/E/V AC ADAPTER is necessary in addition. Charging time: 10 to 18 hrs.

OTHERS

- **HM-46/HM-54** SPEAKER-MICROPHONES
HM-46 : Compact and light weight.
HM-54 : Durable, full-sized speaker microphone.
- **HS-51** HEADSET
Light weight headset with VOX, PTT and "one-touch" PTT (TOT).
- **UT-98** VOICE SCRAMBLER UNIT
Enables private communications by scrambling your voice signals.
- **BC-124** AC ADAPTER
Used for BC-121. Output voltage/current: 12 V/7 A



Icom Inc. 6-9-16, Kamihigashi, Hirano-ku, Osaka 547-0002, Japan Phone: 06 6793 5302 Fax: 06 6793 0013

Count on us!

Icom America Inc.

<Corporate Headquarters>
2380 116th Avenue N.E., Bellevue, WA 98004, U.S.A.
Phone: (425) 454-8155 Fax: (425) 454-1509
URL : <http://www.icomamerica.com>
<Customer Service>
Phone: (425) 454-7619

Icom Canada

A Division of Icom America Inc.
3071 #5 Road, Unit 9, Richmond, B.C., V6X 2T4, Canada
Phone: (604) 273-7400 Fax: (604) 273-1900

Icom (Australia) Pty. Ltd.

A.C.N. 006 092 575
290-294 Albert Street, Brunswick, Victoria, 3056, Australia
Phone: 03 9387 0666 Fax: 03 9387 0022
URL : <http://www.icom.net.au>

Asia Icom Inc.

6F No. 68, Sec. 1 Cheng-Teh Road, Taipei, Taiwan, R.O.C.
Phone: (02) 2559 1899 Fax: (02) 2559 1874

Icom (Europe) GmbH

Communication Equipment
Himmelgeister Str. 100, D-40225 Düsseldorf, Germany
Phone: 0211 346047 Fax: (93) 589 0439
URL : <http://www.icomeurope.com>

Icom Spain S.L.

Ctra. de Gracia a Manresa Km. 14,750
08190 Sant Cugat del Valles Barcelona, SPAIN
Phone: (93) 590 26 70 Fax: (93) 589 04 46
URL : <http://www.icomspain.com>

Icom (UK) Ltd.

Unit 9, Sea SL, Herne Bay, Kent, CT6 8LD, U.K.
Phone: 01227 741741 Fax: 01227 741742
URL : <http://www.icomuk.co.uk>

Icom France Sa

Zac de la Plaine, Rue Brindejonc des Moulinais
BP 5804, 31505 Toulouse Cedex, France
Phone: 561 36 03 03 Fax: 561 36 03 00
URL : <http://www.icom-france.com>



Certificate Number Q14190

Icom Inc. (Japan), is an ISO9001 certification acquired company.

Your local distributor/dealer: