

# IC-M21



## Big Screen, Tough Body and It's Water Resistant too!

### Extra Large LCD Display

The large LCD\* offers easy to read, large channel indication. The S-meter shows the signal strength of the received signal\*. In addition, bright LCD backlighting is great for night time operation.

\* 35x24 mm dimensions; To show the S-meter, set in set mode.



The photo shows actual display size.

### Water Resistant Construction

The IC-M21 is built water resistant to endure 1 meter depth for 30 minutes. Non-corrosive construction ensures reliable long life communication out on the water.

\* Equivalent to JIS waterproof specification grade 7 or IPX7 of the corresponding international standard IEC 529 (1989).

### Swivel Belt Clip MB-87 For Standard

The newly designed MB-87 swivel belt clip prevents accidental dropping of the radio from your belt. To remove the radio, simply rotate it 180° and lift up.

### Simple Operation

Well spaced, clearly labelled switches on the front panel provide easy one-hand access to frequently used functions.

### Powerful 5W Output Power

The supplied BP-224 Ni-Cd battery pack generates a powerful 5W of output power and provides 8 hours of typical operating time\*. For saving battery consumption, the output power can be reduced to 3W or 1W. The BP-223\* alkaline cell case is also available during charging.

\* Tx:Rx:Stand-by duty ratio = 5:5:90; BP-223 is optional for some versions.

### Desktop Charger Supplied

The BC-150 desktop charger is a simple drop-in charger. It has screw holes for easy installation, and also a cradle to hold an unattached battery – You can leave it alone to charge even in choppy seas.

### Other Features

- 4-step battery life indicator
- Dual/Tri-watch function
- Normal, priority and tag scanning
- Instant access to Ch 16, Ch 9 or programmable call channel
- 2-step power saver
- Key lock function
- 22 free programmable channels  
(Ask your dealer for details)

**SPECIFICATIONS**

**GENERAL**

- Frequency range (MHz) :
  - Tx : 156.000-161.450
  - Rx : 156.000-163.425
- \* Frequency range that may be subject to licensing conditions.
- Usable channels :
  - All International and U.S.A.\* channels
  - \* Available depending on version
- Type of emission : 16K0G3E (FM)
- Current drain (at 7.2V DC) :
  - Tx (at 5W output) : 1.5A typical
  - (at 1W output) : 0.7A typical
  - Rx (at AF max.) : 200mA typical
  - (at Stand-by) : 20mA typical
- Operating temp. range : -15°C to +55°C
- Antenna connector : STUD (50Ω)
- Dimensions : 61(W)×135(H)×41(D) mm  
(proj. not included)
- Weight (approx.; with BP-224) : 360g

**TRANSMITTER**

- Output power : 5W (Hi), 3W (Mid) and 1W (Low)
- Germany version : 1W (Hi) 0.5W(Low)
- Modulation system : Variable reactance frequency modulation
- Max. frequency deviation : ± 5kHz
- Audio harmonic distortion : Less than 10% (at 60% mod.)
- Spurious emissions : Less than 0.25μW

**RECEIVER**

- Modulation system : Double-conversion superheterodyne
- Sensitivity (at 20dB SINAD) : -2dBμ emf typical
- Squelch sensitivity : 0dBμ emf typical (at threshold)
- Adjacent Ch. selectivity : 70dB
- Spurious response : 70dB

- Intermodulation rejection : 68dB
- Hum and noise ratio : 40dB
- Audio output power : 0.2W (typical at 10% distortion with an 8Ω load)

**Supplied accessories:**

- Battery pack, BP-224
- Battery case, BP-223\*
- Battery charger, BC-150
- AC adapter, BC-147\*
- Swivel belt clip, MB-87
- Antenna, FA-SC55V
- Hand strap (\* Not supplied with some versions.)

Specifications for the IC-M21 are measured in accordance with EN301-178. All stated specifications are subject to change without notice or obligation.

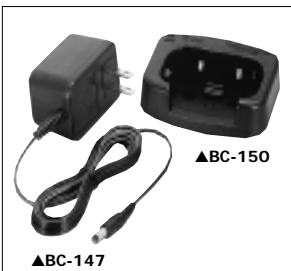
**OPTIONS**

**BATTERY PACK AND CASE**



**BP-223 BATTERY CASE**  
Battery case for R6 (AA)×6 alkaline cells.

**BP-224 BATTERY PACK**  
7.2V/750mAh Ni-Cd battery pack. Provides 8 hours operating time (approx.). (Tx (Hi): Rx: standby=5:5:90)



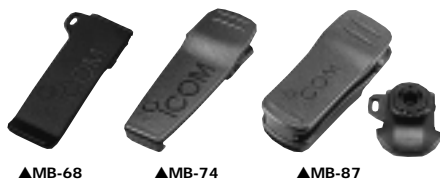
**BC-150 DESKTOP CHARGER + BC-147 AC ADAPTER**  
Regularly charges the battery pack, BP-224 in 8 hours (approx.).



**BC-119N DESKTOP CHARGER + AD-103 CHARGER ADAPTER + BC-145E/V/UK AC ADAPTER**  
For rapid charging of battery pack. An AC adapter may be supplied depending on version. Charging time: 1-2 hours.

**BC-121N MULTI-CHARGER + AD-103 DESKTOP CHARGER ADAPTER + BC-124 AC ADAPTER**  
For rapid charging of up to 6 battery packs (Six AD-103's are required), BP-224. An AC adapter, BC-124, may be supplied, depending on version. Charging time: 1-2 hours.

**BELT CLIPS**



**MB-68:** Universal belt clip for attaching to your belt.  
**MB-74:** Alligator type. Clips to almost anything in a variety of convenient places.  
**MB-87:** Swivel belt clip. Prevents accidental dropping from your belt. Same as that supplied.



**CP-17L CIGARETTE LIGHTER CABLE WITH NOISE FILTER**  
**OPC-515L DC POWER CABLE**  
For use with the battery charger, BC-150 or BC-119N, instead of the AC adapter. (12-16 V DC required)

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