

ICOM

VHF MARINE TRANSCEIVER


# IC-M34

# It floats!

FLOATING

Submersible

1m depth for 30 minutes



Introducing the world's first\* 5W VHF marine transceiver that floats! If you drop the IC-M34 into water, the radio comes up to the surface so that you can easily retrieve it from out of the water. As the radio has a rugged submersible body\*\*, it will keep on working even after it has been submerged. Reliable marine communications that won't let you down in or out of your boat!

When floating in calm water, the base of the radio is level with the water surface.  
\*1 First as a 5W VHF marine handheld transceiver as researched by Icom as of November 2006.  
\*\* 1m depth for 30 minutes, equivalent to IPX7. The IC-M34 is not designed to be used underwater.

### Easy to see LCD with large channel indication

The IC-M34 has an easy to see LCD (32x16 mm; 1¼x5⁄8 in) with large 2-digit channel number indication. The volume and SQL levels are shown in the display. LCD and key backlighting is standard for night time operation.



Actual display size.

### Easy to use, easy to hold

9 large buttons on the front panel provide simple straight forward operation. It weighs only 305g, and the IC-M34's easy-to-hold rounded body fits comfortably in your hand.

### Quick channel selection with favorite channel function

The favorite channel function offers quick channel access to tagged channels by pushing the "FAV" button, while ignoring untagged channels.

### Li-Ion battery and charger standard

A Lithium-Ion battery pack and battery charger are supplied as standard. The BP-252 Lithium-Ion battery pack provides 9 hours\* of operating time.

\* Typical operation with Tx (Hi): Rx: standby=5:5:90

### AquaQuake draining function

The AquaQuake draining function emits a vibrating sound that clears water away from the speaker grill.

### Optional speaker-microphone, HM-165

A new waterproof speaker-microphone, HM-165, is optional. It uses a waterproof, screw-type connector to the IC-M34 and still allows the IC-M34 to float when connected.

### Other features

- Powerful 5W output power
- Dual/Tri-watch functions
- 4-step battery life indicator
- Weather channel with weather alert
- 2-step power saver
- Auto scan function
- Instant access to Ch 16 or Ch 9
- Optional battery case for using with alkaline cells (The IC-M34 may sink when the battery case is attached, depending on the installed batteries)

## SPECIFICATIONS

### GENERAL

- Frequency range :  
Tx 156.025–157.425MHz  
Rx 156.050–163.275MHz
- Usable channels : INT, USA, CAN, WX channels
- Type of emission : 16K0G3E (FM)
- Current drain (at 7.4V DC) :  
Tx at 5W output 1.5A  
Rx AF max. 200mA typical
- Operating temp. range : -20°C to +60°C;  
-4°F to +140°F
- Antenna impedance : 50Ω (STUD)
- Dimensions (W×H×D) : 62×141.5×43 mm;  
(projections not included) 2½×5½×1½ in
- Weight (approx.) : 305g; 10.8oz (With BP-252, FA-SC58V and MB-109)

### TRANSMITTER

- Output power : 5W (High), 1W (Low)  
2W (High, with alkaline cells)
- Max. frequency deviation : ±5kHz
- Frequency error : ±10ppm
- Spurious emissions : -68dBc
- Adjacent channel power : 70dB
- Audio harmonic distortion : 10% (at 60% dev.)
- Residual modulation : 40dB

Measured in accordance with TIA/EIA-603. All stated specifications are subject to change without notice or obligation.

### RECEIVER

- Receive system : Double-conversion superheterodyne
- Sensitivity (at 12dB SINAD) : 0.25µV typical
- SQL sensitivity (at threshold) : 0.35µV typical
- Adjacent Ch. selectivity : 70dB typical
- Spurious response : 70dB typical
- Intermodulation rejection : 70dB typical
- Hum and noise ratio : 40dB
- Audio output power : 0.35W typical at 10% distortion with an 8Ω load

### Supplied accessories:

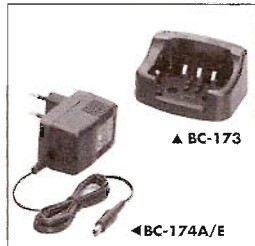
- Li-Ion battery pack, BP-252
  - AC adapter, BC-174A/E\*
  - Antenna, FA-SC58V
  - Battery charger, BC-173
  - Belt clip, MB-109
  - Hand strap
- (\* Depending on version)

## OPTIONS

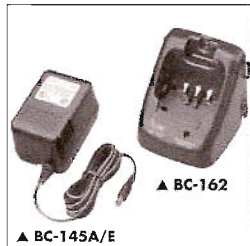
Some options may not be available in some countries. Please ask your dealer for details.



**BP-251** AAA (LR03)×5 BATTERY CASE  
Output power: 2W (at high power).  
**BP-252** 7.4V/980mAh Li-Ion BATTERY PACK  
Provides 9 hours operating time (approx.).  
(Typical operation with Tx (Hi): Rx: stand-by=5:5:90)



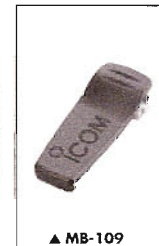
**BC-173** DESKTOP CHARGER  
+ **BC-174A/E** AC ADAPTER  
Regularly charges the battery pack, BP-252 in 10 hours (approx.).



**BC-162** DESKTOP CHARGER  
+ **BC-145A/E** AC ADAPTER  
Rapidly charges the battery pack, BP-252 in 2 hours (approx.).



**HM-165** SPEAKER-MICROPHONE  
Waterproof construction equivalent to IPX7 (1 m depth for 30 min.).



**MB-109** BELT CLIP  
Alligator type.  
Same as supplied.



**FA-SC58V** ANTENNA  
Soft flexible antenna.  
Same as supplied.