

IC-M37



AND MORE

- IP57 dust-protection and waterproof protection (1 m depth of water for 30 minutes)
- Low Battery Alert function
- Voice Loud and Mute function enables to temporary maximize/mute the volume
- AquaQuake[™] function prevents audio degradation from a water-logged speaker
- Dualwatch and Tri-Watch functions
- Favorite Channel function
- Instant access to channel 16 and the Call channel
- BP-296 user replaceable Li-ion battery pack supplied
- Weather channels with Weather Alert function

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



BP-296 Rechargeable Li-ion 3.6 V 2350 mAh (typ.), 2200 mAh (min.).

BATTERY CASE

BP-297* For AAA (LR03)×3 alkaline cells. Output power: 1 W



BC-235 Desktop charger. Same as supplied



Use with BC-235. Same as

*1 The IC-M37 floats when used with most common brand AAA batteries. Battery weight varies by manufacturer. Please check your IC-M37 for buoyancy in a shallow area when using AAA batteries. *2 May differ or not supplied, depending on the transceiver version.





ANTENNA

FA-SC59V Same as supplied.



The "3D GENUINE Icom label" is attached to the rear chassis under the battery. (Remove the battery pack) Check the Icom website for details: http://www.icom.co.jp/world/genuine-info/

SPECIFICATIONS

| GENERAL | | |
|---|--|--|
| Frequency range TX | 156.025-157.425 MHz | |
| RX | 156.050-163.275 MHz | |
| Usable channel groups | INT, USA, CAN, WX channels | |
| Type of emission | 16K0G3E | |
| Current drain (at 3.7 V DC) TX (6.0 W/1.0 W output) RX (Max. audio. Int. SP/Ext. SI | 2.75 A/1.0 A P) 0.4 A/0.2 A | |
| Operating temperature range | -20°C to +60°C, -4°F to +140°F | |
| Antenna impedance | 50 Ω | |
| Dimensions (W×H×D) (projections not included) | 59.7 × 140.5 × 38.7 mm, 2.4 × 5.5 × 1.5 in | |
| Weight (approximate) | 293 g, 10.3 oz (with BP-296, antenna and belt clip) | |
| TRANSMITTER | | |
| Output power (High/Low) | 5 W/1 W | |
| Max. frequency deviation | ±5 kHz | |
| Frequency stability | ±10 ppm | |
| Spurious emissions | -68 dBc typical | |
| RECEIVER | | |
| Sensitivity (at 12 dB SINAD) | 0.25 ~V typical | |
| Squelch sensitivity (Threshold) | 0.25 ~V typical | |
| Adjacent channel selectivity | 70 dB typical | |
| Spurious response | 70 dB typical | |
| Intermodulation | 70 dB typical | |
| Hum and noise | 40 dB | |
| Audio output power Internal SF | 0.7 W typical (8 ° load) | |
| (at 10% distortion) External S | P 0.3 W typical (4 ° load) | |

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

Applicable U.S. Military Specifications & IP Rating

| Standard | MIL-810 G | |
|-------------------|-----------|-----------|
| Statiuaru | Method | Procedure |
| Low Pressure | 500.5 | I, II |
| High Temperature | 501.5 | I, II |
| Low Temperature | 502.5 | I, II |
| Temperature Shock | 503.5 | I-C |
| Solar Radiation | 505.5 | I |
| Rain Blowing/Drip | 506.5 | I, III |
| Humidity | 507.5 | II |
| Salt Fog | 509.5 | _ |
| Dust Blowing | 510.5 | I |
| Immersion | 512.5 | I |
| Vibration | 514.6 | I |
| Shock | 516.6 | I, IV |

Also meets equivalent MIL-STD-810-C, -D, -E and -F.

| Ingress Protection Standards | |
|------------------------------|--|
| Water | IP57 dust protection and waterproof protection (1 m depth of water for 30 minutes) |

Supplied accessories:

- BP-296 battery pack
 BC-217SA/SE* AC adapter
 - BC-235 desktop charger FA-SC59V antenna
- MB-133 belt clip
- Hand strap

May differ or not supplied, depending on the transceiver version

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