



5/1 WATT IP67 HANDHELD UHF CB RADIO

TX6165

The TX6165 is our newest 5 Watt Handheld UHF CB radio. Class-leading features such as the large, high-contrast LCD display, 2 Watt speaker and a user programmable button make it stand out from the field.

The TX6165 features 5/1 Watt switchable transmission power, VOX hands-free mode, built-in LED torch, and up to 30 hours battery life.

Also featuring rugged IP67 Ingress Protection, the TX6165 is built tough for outstanding performance and years of reliable use in the harshest Australian environments,

These radios are serious equipment for users who demand the ultimate in handheld UHF CB communication, for both work and play.

FEATURES

- 5/1 Watt Switchable Transmission Power
- 2 Watt Speaker
- Large, high-contrast LCD Display
- Water and Dustproof (IP67* Ingress Protection)
- User Programmable Button
- Priority Channel
- Dual and Triple Watch
- Up to 30 Hours Battery Life[†]
- Built-in LED Torch
- Rotary Power/ Volume Control Knob for Easy Operation



Specifications

| GENERAL | |
|------------------------------|--|
| Compliance | AS/NZS 4365 for radio communications equipment in the UHF citizen band and personal radio service. |
| Frequency Range | TX: 476.425 MHz – 477.4125 MHz |
| Number of Channels | 80 CB |
| Channel Spacing | 12.5 kHz |
| Scanning Speed | 20 Channels Per Second (50 ms per channel) |
| Antenna | 50Ω, SMA Female |
| Supply Voltage | 7.4 V DC |
| Battery Type | Li-Ion |
| Battery Capacity | 2600 mAh |
| Operating Time [†] | 18h (5 W) |
| | 30h (1 W) |
| TRANSMITTER | |
| RF Output | High: 5W |
| | Low: 1W |
| Frequency Stability | ± 2.5 PPM |
| Modulation | FM |
| Spurious Emission | < -40 dBm |
| Maximum Deviation | ± 2.5 kHz |
| Modulation Distortion | < 5% @ 1kHz / 1.5kHz Deviation |
| RECEIVER | |
| Sensitivity | -121 dBm for 12 dB SINAD |
| Adjacent Channel Selectivity | > 60 dB |
| Audio Output Power | 2 W (8Ω) |
| Audio Signal to Noise | 34 dB (SINAD) |
| MECHANICAL AND ENVIRONMENTAL | |
| Dimensions | 59 mm (W) x 35 mm (D) x 102 mm (H) (not including antenna) |
| Weight | 286 Grams (with battery and antenna) |
| Operating Temperature | -10° C to +60° C |
| Ingress Protection* | IP67 (dust tight and waterproof) |
| Accessory Connector | GME 3.5 mm / 2.5 mm stereo jack |

| MIL-STD 810G | | |
|---|--|-----------|
| Standard | Method | Procedure |
| High Temperature | 501.5 | i, ii |
| Low Temperature | 502.5 | i, ii |
| Temperature Shock | 503.5 | i |
| Rain Blowing/Drip | 506.5 | i, iii |
| Humidity | 507.5 | |
| Salt Fog | 509.5 | |
| Dust Blowing | 510.5 | i |
| Immersion | 512.5 | i |
| Vibration | 514.6 | i |
| Shock | 516.6 | i, iv |
| PACKAGING SPECIFICATIONS (TX6165X) | | |
| Dimensions | 110mm (W) x 92mm (D) x 317mm (H) (not including antenna) | |
| Weight | 645 Grams (with battery and antenna) | |
| NOTE: All values are typical unless otherwise stated and are subject to change without notice or obligation. | | |
| ACCESSORIES | | |
| BP026 | Lithium-ion Battery Pack 2600mAh | |
| BCD020 | Single Rapid Desktop Charger | |
| BCD021 | Dual Rapid Desktop Charger | |
| BCV013 | 12V DC Vehicle Charging Cradle | |
| MB207HH | Magnetic Mount and Clip | |
| MC011 | IP67 Speaker Microphone | |
| HS015 | Earpiece Style Microphone | |
| AE4026SMA | Magnetic Antenna with SMA Connection | |
| BCM001 | Six Bay Desktop Charger | |
| ACC6160 | Accessory Kit | |
| ACC6160CK | In-Car Accessory Kit | |
| MB060 | Replacement Belt Clip | |
| PS002 | 1 Amp Power Supply | |

*Ingress Protection rating of 6 – dustproof, and 7 – waterproof when immersed at 1 metre depth for 30 minutes with radio correctly and fully assembled. For further information visit: www.gme.net.au/Support.

[†] Based on 5% transmitting, 5% receiving and 90% waiting mode.

Warranty
TX6165X 3 Year Warranty
Accessories 1 Year Warranty



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 GME Pty Ltd

Specifications are subject to change without notice, they are issued as a guide only and shall not form part of any contract without the express written authorisation of GME.

GME's Australian Manufacturing facility is ISO9001:2015 certified.