



5/1W Hand Held UHF CB Radio
#TX6165X

www.gme.net.au

3 YEAR WARRANTY

DESCRIPTION

5/1 Watt UHF CB hand held radio with high contrast LCD display. Features class-leading 5/1 Watt switchable transmission power, an IP67 ingress protection rating for outstanding performance and years of reliable use in the harshest Australian environments. Up to 30 hours battery life, VOX handsfree mode, a built-in torch, these radios are serious equipments for users who demand the ultimate in handheld UHF CB communication for both work and play.

FEATURES

- Rugged, IP67 protected design
- Switchable transmission power (5/1 Watt)
- 2 Watt speaker & user programmable button
- Rotary power/volume control & built in torch
- Dual and triple watch
- 80 channels, 476-477 MHz UHF CB
- Up to 30 hours battery life
- High contrast back-lit LCD display



TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS

Compliance	• AS/NZS 4365 for radio communications equipment in the UHF citizen band and personal radio service	Frequency Range	• TX: 476.425 - 477.4125 MHz
Dimensions (No Antenna)	• 59mm W x 102mm H x 35mm D	Channel Spacing	• 12.5 kHz
Operating Temperature	• -10° C to 60° C	No. of Channels	• 80 (75 voice, 2 telemetry RX only, 3 for future use)
IP Rating	• IP67 rated	Scanning Speed	• 20 Ch per seconds (50 ms per channel)
Supply Voltage	• 7.4 Volt DC	Antenna	• 50 Ohm, SMA female
Battery Type	• Li-ion	Battery Capacity	• 2600 mAh
		Operating Time	• 18 hours @ 5W / 30 hours @ 1W

TRANSMITTER SPECIFICATIONS

RF Output	• High: 5W / Low: 1W	Spurious Emission	• < -40 dBm
Frequency Stability	• +/- 2.5 PPM	Maximum Deviation	• +/- 2.5 kHz
Modulation	• FM	Modulation Distortion	• < 5% @ 1 kHz / 1.5 kHz deviation

RECEIVER SPECIFICATIONS

Sensitivity	• -121 dBm for 12 dB SINAD	Audio Output Power	• 2W (8 Ohm)
Adjacent Channel Selectivity	• > 60dB	Audio Signal to Noise	• 34 dB (SINAD)