



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

3 YEAR
WARRANTY



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.