



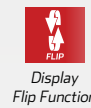
UHF Two Way CB Radio Starter Kit #TX3100VP

www.gme.net.au

**5
YEAR
WARRANTY**

PACKAGE CONTENT

- TX3100DP 5 watts UHF CB radio
- MB407SS antenna mount (1 year warranty)
- AE4018K2 antenna assembly (1 year warranty)
- Radio mounting bracket and screw pack
- Microphone and clip
- DC power lead



SPECIFICATIONS

GENERAL SPECIFICATIONS

Compliant Specifications	• AS/NZS 4365:2010	Overvoltage Protection	• 25V DC Max, (Hi DC Flash @ 18V DC)
Frequency Range TX	• 476.425 - 477.4125 MHz	Overcurrent Protection	• In-Line 2A Fuse
Number of Channels	• 80 UHF CB	Frequency Stability	• +/- 2.5 PPM
Channel Spacing	• 12.5 kHz	Dimensions	• 102mm W x 87mm D x 23mm H
Operation Mode	• Simplex (1-80), Semi Duplex (1-8, 41-48)	Weight	• 158 Grams
Scanning Speed	• 20 Channels per Second	Frequency Band (Antenna)	• 477 Mhz
Antenna Impedance	• 50 Ohms Nominal	Gain (Antenna)	• 6.6 dBi
Nominal Battery Voltage	• 13.8 Volts DC	Ground Dependence	• Ground Independence
Operating Voltage Range	• 10 - 15 Volts DC	Dimensions (Antenna)	• 93cm H

TRANSMITTER SPECIFICATIONS

RF Output	• 5 Watts Max	Maximum Deviation	• < +/- 2.5 kHz at +20 dB Limiting
Spurious Emission	• < -70 dBc	Frequency Response	• +6 dB per Octave 300 Hz to 3 kHz +1-3 dB
Modulation	• FM	Current Consumption	• 1.5 Amps with 50 Ohms Termination

RECEIVER SPECIFICATIONS

Intermediate Frequencies	• 1 st - 38.85 MHz, 2 nd - 450 kHz	Spurious Response Immunity	• 70 dB
Sensitivity	• -123 dBm for 12 dB SINAD Unweighted	Audio Output Power	• 3W Average into 4 Ohms
Selectivity	• -6 dB at +3.5 kHz, -60 dB at +/- 12.5 kHz	Audio Signal to Noise	• > 45 dB
Intermodulation Immunity	• 73 dB	Current Consumption	• < 180 mA Muted 600 mA Full Volume
Blocking Immunity	• 100 dB	Conducted Spurious Emission	• < -57 dBm