



DSP Compact UHF  
Radio with ScanSuite™  
#TX3500S



5 YEAR  
WARRANTY

www.gme.net.au

## DESCRIPTION

The GME TX3500S is one of the most advanced 5 Watt UHF CB radios of its kind. Equipped with GME's newest digital scanning technology - ScanSuite™ and an impressive feature list that includes Digital Signal Processing, Advanced Signal Management, Dynamic Volume Control and 19 extra receive channels. With CTCSS and DCS this radio ensures more privacy and less interruption.

The compact size and unique slide-in mounting cradle makes installation simple and our intuitive user interface and controls ensure all of our technology is easy to use and optimises performance across the 80 channels.



## SPECIFICATIONS

### GENERAL SPECIFICATIONS

Compliant Specifications	• AS/NZS 4365	Operating Voltage Range	• 10 - 16 Volts DC
Frequency Range TX	• 476.425 - 477.4125 MHz	Battery Polarity	• Negative Earth
Number of Channels	• 80	Standard Test Voltage	• 13.8 Volts DC
Channel Spacing	• 12.5 kHz	Overvoltage Protection	• 30V DC Max (Hi DC Flash @ 18V DC)
Operation Mode	• Simplex or Half Duplex with Repeater	Reverse Voltage Protection	• Diode Crowbar
Scanning Speed	• 50 ms per Channel	Overcurrent Protection	• In-Line 2 Amp Fuse
Antenna Impedance	• 50 Ohms Nominal	Operating Temperature	• -10°C to 60°C
Nominal Battery Voltage	• 12 Volts DC	Dimensions	• 29mm H x 128mm L x 117mm D

### TRANSMITTER SPECIFICATIONS

RF Output	• 5 Watts	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
Frequency Error	• < +/- 1.5 kHz	Audio Signal to Noise	• > 45 dB Unweighted
Modulation	• FM	Current Consumption	• 1.7 Amps with 50 Ohms Termination

### RECEIVER SPECIFICATIONS

Intermediate Frequencies	• 38.85 MHz, 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 Unweighted
Intermodulation Immunity	• -72 dB	Current Consumption	• < 175 mA Muted 750 mA Full Volume
Blocking Immunity	• -98 dB	Conducted Spurious Emission	• < -70 dBm