



DSP Compact UHF  
Radio with ScanSuite™  
#TX3520S



5 YEAR  
WARRANTY

www.gme.net.au

## DESCRIPTION

The TX3520S displays the same rugged construction, comprehensive feature set and reliability as the TX3510S but with a remote head for vehicles with limited cabin space. Now equipped with ScanSuite™, the TX3520S also enables uninterrupted communications with a group of like radios. The shallow remote head allows access to the controls and a view of the LCD with the base unit mounted out of sight. The microphone can attach to either the front of the remote head or rear of the base unit for obstruction-free use ensuring years of reliable communications.



## 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	• 25 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