



TX3120S

Super compact 5 watt UHF CB radio



With GME's TX3120S, you only see the simple stylish design, but tucked underneath the super compact chassis is a powerful digital hub delivering unique features such as ScanSuite™ - a new technology enabling uninterrupted conversations even on congested channels.

Features

- > Powerful 5 watt output for maximum range
- > ScanSuite and Open and Group scan
- > CTCSS, DCS and Voice Inversion Scrambler for greater privacy
- > Rotary volume and channel controls
- > Dynamic Speaker microphone
- > Large LCD screen
- > New menu architecture
- > Digital Signal Processing
- > Full Spectrum Backlighting
- > Unique display flip function



ScanSuite™



Dynamic mic with in-built speaker



Full Spectrum Backlighting



Pure Sound



Advanced Signal Management



Dynamic Volume Control



Voice Inversion Scrambler



Mounting Option





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Synonymous with quality and reliability, the GME TX3120S is designed and manufactured in Australia and is the most advanced UHF CB radio of its kind. This 5 watt robust radio is engineered to maximise features in limited space.

This new super compact radio has separate rotary user controls for volume and channel change, the widest LCD screen available on any super compact sized UHF and a new dynamic speaker microphone. These new and unique features improve useability and audio quality for a better UHF experience.

The radio also includes **ScanSuite™** - a unique scanning technology enabling uninterrupted conversations even on congested channels;

TurboScan – Scans 80 channels in under 2 seconds

Network Scan – Dynamic intelligent channel selection for uninterrupted conversation

AutoSkip – Skips nuisance channels

The impressive feature list also includes Digital Signal Processing, Advanced Signal Management and Dynamic Volume control – GME innovations to ensure more consistent, reliable communications.

The radio includes CTCSS, DCS and Voice Inversion Scrambler for greater privacy and less interruption.

Standard Features

Power	5 watt
Transmit and receive	477MHz (UHF CB) with selectable duplex, 80 channels - 77 including telemetry (receive only) - 3 reserved for future use.
Scanning and memory	Open/Group and Network Scan, memory channel quick select, selectable priority channel, active channel transmit in scan
Privacy	CTCSS, DCS and Voice Inversion Scrambler
User controls and interface	Rotary volume and channel controls, speaker microphone with push-to-talk, channel up/down, priority and scan buttons, large LCD screen

Accessories supplied

- > Mounting bracket
- > DC lead
- > Speaker microphone
- > Screw pack and adaptor
- > Microphone clip
- > Welcome pack

Specifications

GENERAL

Compliant Specification:	AS/NZS 4365:2011
Frequency Range MHz:	476.425 – 477.4125
Number of Channels:	80 UHF CB
Channel Spacing:	12.5 kHz
Operation Mode:	Simplex channels 1-80 Semi duplex channels 1–8, 41–48.
Scanning Speed:	40 channels per second
Antenna Impedance:	50 Ohms nominal
Operating Voltage Range:	10-15 volts DC
Nominal Battery Voltage:	13.8 volts DC
Over Voltage Protection:	25 volts DC max At 18 volts DC the RF power is reduced, and the words 'Hi DC' flash.
Over Current Protection:	In-line 2A Fuse
Reverse Polarity Protection:	Shunt Diode

TRANSMITTER

RF Output:	5.0 watts max
Modulation:	FM
Maximum Deviation:	< ± 2.5 kHz at + 20 dB limiting
Spurious Emissions:	< -70 dBc
Transmit Frequency Response:	+6 dB per octave 300 Hz to 3 kHz +1-3 dB
Audio Signal to Noise:	> 45 dB
Current Consumption:	1.5 amps with 50 Ohms termination
Frequency Stability:	±2.5 PPM

RECEIVER

Circuit Type:	Double Conversion Superheterodyne
Intermediate Frequencies:	1st – 38.85 MHz 2nd – 450 kHz
Current Consumption:	< 180 mA muted 600 mA @ max. A.F output
Sensitivity:	123 dBm for 12 dB SINAD unweighted
Selectivity:	-6 dB at + 3.5 kHz -60 dB at ± 12.5 kHz
Intermodulation Immunity:	73 dB
Blocking Immunity:	100 dB
Spurious Response Immunity:	70 dB
Audio Power:	3 watts average into 4 Ohms
Audio Signal to Noise:	> 45 dB
Receive Frequency Response:	-6 dB/Octave de-emphasis 300 Hz to 3 kHz + 1-3 dB
Conducted Spurious Emission:	< -57 dBm

MECHANICAL

Dimensions:	102 (W) x 97 (D) x 23 (H) mm
Weight:	178 grams
Shock and Vibration:	MIL STD 810 method

*All specifications are typical and subject to change without notice or obligation.