



GME

UHF fixed mount radios

477 MHz UHF FIXED MOUNT RADIOS

- > Including the new ScanSuite™ range
- > Compact, super compact, LCD mic, remote head and wireless PTT radios

The only Australian manufacturer of UHF CB radios



NO MORE INTERRUPTIONS EVER

ScanSuite™ faster, smarter scanning

Introducing the unique ScanSuite™ series of Australian made radios with a no fuss 5 year warranty*. With ScanSuite™ enabled you can now have continuous uninterrupted conversations no matter where you are.

TurboScan – At more than 40 channels per second, TurboScan enables the radio to scan all 80 channels in under 2 seconds and is the backbone to the ScanSuite™ scanning technology.

Network Scan – Network Scan allows radios to have uninterrupted communication by dynamically switching to unused channels. Network Scan scans for other radios that share the same CTCSS or DCS tone. Once identified, the radios communicate on a channel until either radio detects other communication at which point the radios will automatically select another unused channel to continue transmitting and receiving. This allows for Network Scan enabled radios to continually communicate without interruption.

AutoSkip – When scanning in open or group scan the radio may continuously stop on nuisance channels. These channels may be temporarily skipped or easily removed from the scan cycle without deleting from scan memory.

ADVANCED FEATURES



Full Spectrum Backlighting

User adjustable, totally customisable backlight settings provides smooth blending of

brightness, colour and saturation to match the vehicle's dashboard lighting or to suit the driver's preference.



Digital Signal Processing

Measures, filters and compresses standard analogue radio signals and converts them to a digital

format. GME's DSP eliminates much of the conventional processing and time consuming manual alignment, resulting in enhanced audio quality and a constant performance over the full 80 channels.



Advanced Signal Management

Identifies interference caused by strong local signals on adjacent channels and prevents these

from opening your squelch control. Also minimises distortion of reception by fine tuning the receiver frequency to match that of the incoming signal. A unique GME feature that

is critical to the optimum performance of 80 channel radios ensuring that incoming signals remain interference free, clear and undistorted, even if they are slightly off-frequency.



Dynamic Volume Control

Modulation levels of signals can vary considerably resulting in noticeable differences in received

volume between channels. With the introduction of 80 channel narrowband transmissions, the disparity in audio volume will increase further. GME's DVC automatically compensates for variations in received audio level. When activated, this feature provides a constant audio output level greatly enhancing the quality of reception and the simplicity of use.



Flip Mounting Option

A unique Display Flip function that allows the unit to be installed upside down if required, and the display read from either orientation.



Voice Inversion Scrambler

User selectable, will make your voice unintelligible to others not using the same scrambler

technology, providing a new level of privacy.



Front and Rear Mic Input

To facilitate ease of installation and operation across a broad range of private and commercial

vehicles, GME has conveniently provided a microphone input socket on both front and rear panels.



Ingress Protected

The radio has a specified level of protection against the intrusion of dust and/or water using an

international protection rating or IP code (e.g. IP67). The first digit defines the level of dust protection from 1 to 6 and the second the level of water protection from 1 to 9.

AUSTRALIAN MADE GME RADIOS HAVE A



*Does not apply to the TX6500S which has a 3 year warranty

TX3100

Super compact 5 watt UHF CB radio

The super compact TX3100 is packed with advanced features and outstanding specifications and performance.

Designed for unobtrusive mounting and easy installation, the TX3100 can be mounted with the speaker facing upwards or downwards and the display can be 'flipped' over using a simple key press sequence allowing viewing of the display in either orientation.

Transmit and Receive

- > 477 MHz (UHF CB) with selectable duplex.

Signal Processing

- > Digital Signal Processing, Advanced Signal Management, Dynamic Volume Control.

Scanning and Memory

- > Open scan, active channel transmit in scan.

Privacy Functions

- > CTCSS and DCS.

User Controls

- > Flip/reversible mounting, push button channel and volume up/down, scan and squelch, hand microphone with push-to-talk.

Physical Properties

- > External speaker socket, die-cast chassis.



TX3100

PLUG 'N' PLAY

GME's unique Plug 'n Play UHF CB pack is a new portable concept in CB communications.

The TX3100PNP is easily installed in any car, van or truck within minutes, without holes to drill, or confusing electrical connections. Being totally transportable, it is ideal for use in motor homes and rental cars.

Simply plug the radio into a cigarette lighter port, thread the antenna cable through the door, placing the magnetic based antenna on a flat metal surface.

The radio's super compact size allows for easy mounting almost anywhere in your car. For windscreen mounting, use the GME custom suction mount swivel bracket supplied.

Pack Includes

- > TX3100 super compact UHF CB radio
- > High performance magnetic antenna
- > 360° adjustable windscreen mounting bracket
- > In-car cigarette power lead
- > Microphone
- > Instruction manual



Mounting Option



Advanced Signal Management



Dynamic Volume Control



Pure Sound



Plug and Play

TX3500S

Compact 5 watt UHF CB radio

Synonymous with quality and reliability, the GME TX3500S is one of the most advanced 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.

Transmit

- > 477 MHz (UHF CB) with selectable duplex.

Receive

- > 403-520 MHz with 19 extra receive channels.



Signal Processing

- > Digital Signal Processing, wide/narrowband receive filters, Advanced Signal Management, Dynamic Volume Control.

Scanning and Memory

- > Open/Group, selectable priority channel, active channel transmit in scan, **ScanSuite**.

Privacy Functions

- > CTCSS and DCS.

User Controls

- > Rotary squelch, channel and volume controls, hand microphone with push-to-talk.

Physical Properties

- > External speaker socket, die-cast chassis.

ScanSuite™ faster, smarter scanning



ScanSuite™



Full Spectrum Backlighting



Pure Sound



Advanced Signal Management



Dynamic Volume Control



Front and Rear Mic Input



W1

wireless remote control and push-to-talk

For some time vehicle manufacturers have recognised the advantage of steering wheel control over auxiliary devices. This feature is common place today, offering enhanced safety, convenience and ease of operation.

GME acknowledges the critical benefit of steering wheel located, finger tip controls and offers this unique wireless steering wheel mounted Push-to-Talk on a selection of compatible models.

Two additional buttons offer user programmable functionality, including up/down channel change or scan function and priority channel selection.

Whether you are a professional truck driver or an occasional road user, the innovative GME wireless PTT and handsfree microphone revolutionises both your driving safety and radio communications experience.

Logo to show models available with the W1 wireless remote.



Available in the following packs;

TX3510W1S

Compact fully featured 5 watt UHF CB radio with wireless remote control

TX3520W1S

Compact fully featured remote mount 5 watt UHF CB radio with wireless remote control

TX4500W1S

DIN size fully featured 5 watt UHF CB radio with wireless remote control



Wireless Remote Control

TX3510S

Compact fully featured 5 watt UHF CB radio



The compact fully featured TX3510S has an impressive list of advanced features. Including the latest in Digital Signal Processing technology, Advanced Signal Management and Dynamic Volume Control, coupled with rugged construction, ease of installation and renowned GME reliability. The TX3510S is now also equipped with **ScanSuite** to enable uninterrupted communications even on congested channels.



Transmit

- > 477 MHz (UHF CB) with selectable duplex.

Receive

- > 403-520 MHz with 95 extra receive channels.

Signal Processing

- > Digital Signal Processing, wide/narrowband receive filters, Advanced Signal Management, Dynamic Volume Control.

Scanning and Memory

- > Open/Group, selectable priority channel, active channel transmit in scan, **ScanSuite**.

Privacy Functions

- > CTCSS and DCS, SelCall with quiet mode and alpha labelling, Voice Inversion Scrambler.

User Controls

- > Adjustable squelch, rotary channel and volume controls, hand microphone with push-to-talk, channel up/down and priority button.

Physical Properties

- > External speaker socket, die-cast chassis.



ScanSuite™

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faster, smarter scanning



Full Spectrum Backlighting



Pure Sound



Advanced Signal Management



Dynamic Volume Control



Voice Inversion Scrambler



Front and Rear Mic Input



TX3520S

Compact fully featured remote mount 5 watt UHF CB radio



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.



ScanSuite™

ScanSuite™
faster, smarter scanning



Full Spectrum Backlighting



Pure Sound



Advanced Signal Management



Dynamic Volume Control



Voice Inversion Scrambler



Front and Rear Mic Input

Transmit

- > 477 MHz (UHF CB) with selectable duplex.

Receive

- > 403-520 MHz with 95 extra receive channels.

Signal Processing

- > Digital Signal Processing, Wide/narrowband receive filters, Advanced Signal Management, Dynamic Volume Control.

Scanning and Memory

- > Open/Group and memory channel quick select, selectable priority channel, **ScanSuite**.

Privacy Functions

- > CTCSS and DCS, SelCall with quiet mode and alpha labelling, Voice Inversion Scrambler.

User Controls

- > Rotary squelch, channel and volume controls. Hand microphone with push-to-talk, channel up/down and priority button.

Physical Properties

- > External speaker socket, die-cast chassis.

TX3540S

Compact fully featured remote mic 5 watt UHF CB radio



ScanSuite™

ScanSuite™
faster, smarter scanning



Full Spectrum Backlighting



Pure Sound



Advanced Signal Management



Dynamic Volume Control



Voice Inversion Scrambler



Front and Rear Mic Input

Bringing together all of GME's unique technology, including **ScanSuite** – the latest in digital scanning technology – the TX3540S is the flagship of the S series family. It comes with the MC524B fully functional LCD remote controller microphone with full spectrum backlighting, tactile buttons and an ergonomic design for comfortable extended use. The microphone attaches to the front of the unit for obstruction-free use and is the ultimate 'space saver'.

The radio comes with 95 user programmable receive frequencies to listen in on local emergency services to keep safe and stay in touch. Other features include SelCall, CTCSS, DCS and Voice Inversion Scrambler for those users looking for greater privacy and less interruption.

Transmit

- > 477 MHz (UHF CB) with selectable duplex.

Receive

- > 403-520 MHz with 95 extra receive channels.

Signal Processing

- > Digital Signal Processing, wide/narrowband receive filters, Advanced Signal Management, Dynamic Volume Control.

Scanning and Memory

- > Open/Group, selectable priority channel, active channel transmit in scan, **ScanSuite**.

Privacy Functions

- > CTCSS and DCS, SelCall with quiet mode and alpha labelling, Voice Inversion Scrambler.

User Controls

- > Remote LCD full function microphone.

Physical Properties

- > External speaker socket, die-cast chassis.

TX3345

Super compact 5 watt remote mic UHF CB radio

The TX3345 combines the space saving benefits of a super compact size radio with the full functionality of the MC524B LCD remote controller microphone.

Other features include Digital Signal Processing, Advanced Signal Management, Dynamic Volume Control, CTCSS, DCS and SelCall for ease of use and trouble free reliable communication.

Transmit and Receive

- > 477 MHz (UHF CB) with selectable duplex.

Scanning and Memory

- > Open/group scan, selectable priority channel, active channel transmit in scan.

Signal Processing

- > Digital Signal Processing, Advanced Signal Management, Dynamic Volume Control.

Privacy Functions

- > CTCSS, DCS and SelCall with quiet mode and alpha labelling.

User Controls

- > Adjustable squelch, push button channel selection, digital signal strength meter, full spectrum backlighting.

Physical Properties

- > External speaker socket, die-cast chassis.



Full Spectrum Backlighting



Pure Sound



Advanced Signal Management



Dynamic Volume Control

TX4500S

DIN size fully featured 5 watt UHF CB radio

The TX4500S is a full-DIN sized radio and is ideal for installations that require this size standard. The DIN mounting kit is supplied and its compact depth design allows for easy installation in confined spaces. The combination of the front facing speaker, large LCD screen and user controls along with the advanced features such as GME's new **ScanSuite** - made possible by the use of Digital Signal Processing - make the TX4500S the radio of choice for 4WD and heavy vehicle owners.

Transmit

- > 477 MHz (UHF CB) with selectable duplex.

Receive

- > 403-520 MHz with 95 extra receive channels.

Signal Processing

- > Digital Signal Processing, wide/narrowband receive filters, Advanced Signal Management, Dynamic Volume Control.



Scanning and Memory

- > Open/group and memory channel quick select, selectable priority channel, **ScanSuite**.

Privacy Functions

- > CTCSS, DCS and SelCall with quiet mode and alpha labelling, Voice Inversion Scrambler.

User Controls

- > Rotary squelch, channel and volume controls, hand microphone with push-to-talk, channel up/down and priority button.

Physical Properties

- > Large LCD screen and front facing speaker, external speaker socket, die-cast chassis.



ScanSuite™

ScanSuite™
faster, smarter scanning



Full Spectrum Backlighting



Pure Sound DSP



Advanced Signal Management



Dynamic Volume Control



Voice Inversion Scrambler



Front and Rear Mic Input

TX4600

Ingress protected 5 watt UHF CB radio

The GME TX4600 has a rugged construction with ingress protection rating of IP67 making it the ideal choice for situations where the radio may come in contact with dust or water. Especially suited for use on quad bikes, mining vehicles and tractors.

The large tri-colour backlit display ensures clear unimpeded viewing of the radio's functions and the microphone includes channel up-down keys and a priority channel button for simple one-handed operation.

All GME fixed mount radios are built rugged with a solid die-cast aluminium chassis ensuring years of reliable communication.

Transmit

- > 477 MHz (UHF CB) with selectable duplex.

Receive

- > 403-520 MHz with 19 extra receive channels.

Scanning and Memory

- > Open/group scan, selectable priority channel.

Privacy Functions

- > CTCSS, DCS and SelCall with quiet mode and alpha labelling.

User Controls

- > Adjustable squelch, rotary volume control, push button channel selection, digital signal strength meter.

Physical Properties

- > External speaker socket, front mounted speaker, die-cast chassis.



Tri-colour Backlighting



Ingress Protected

FULL FEATURE LIST	TX3100	TX3500S	TX3510S	TX3520S	TX3540S	TX3345	TX4500S	TX4600
Transmit (TX)								
RF output	5 watt							
Selectable duplex channels	•	•	•	•	•	•	•	•
Receive (RX)								
Frequency range RX	403-520 MHz							
Channels	80 (22 & 23 telemetry only, 61/2/3 reserved for future use)							
User programmable receive only channels		19	95	95	95		95	19
Dealer programable extra receive channels		19						
Scanning & Memory Functions								
Memory channel quick select			•	•	•		•	
Open and group scan mode		•	•	•	•	•	•	•
Selectable priority channel		•	•	•	•	•	•	•
Active channel transmit in scan	•	•	•	•	•	•	•	
ScanSuite™		•	•	•	•		•	
Signal Processing								
Digital Signal Processing	•	•	•	•	•	•	•	
Advanced Signal Management	•	•	•	•	•	•	•	
Dynamic Volume Control	•	•	•	•	•	•	•	
Wide/narrowband receive filters		•	•	•	•		•	
Privacy Functions								
Voice Inversion Scrambler			•	•	•		•	
CTCSS and DCS	•	•	•	•	•	•	•	•
SelCall (5 tone)			•	•	•	•	•	•
User Controls and Interface								
Adjustable squelch control	•	•	•	•	•	•	•	•
Rotary channel selector		•	•	•			•	
Rotary volume control		•	•	•			•	•
Push button channel selection	•				•	•		•
Digital signal strength meter			•	•	•	•	•	•
Graphic signal strength meter	•	•						
Full spectrum backlighting		•	•	•	•	•	•	
Flip/reversible mounting	•							
Physical Properties								
External speaker socket	•	•	•	•	•	•	•	•
Front and rear microphone input		•	•	•	•		•	
Front mounted speaker							•	•
Die-cast chassis	•	•	•	•	•	•	•	•
Slide-in mounting cradle			•	•	•			
Dimensions (H x W x D) mm	23 x 102 x 87	29 x 128 x 117	52 x 172 x 103	65 x 165 x 56				
Warranty period	5 years							



*Please note the following facts regarding the 80 Channel Standard: There are 75 voice channels. Channels 22 and 23 are reserved for telemetry and

telecommand, channel 61, 62 and 63 are reserved for future use. This radio can receive on these channels however voice transmission is inhibited.



1300 463 463 gme.net.au

A division of Standard Communications Pty Ltd.
Head Office: PO Box 96, Winston Hills, NSW 2153, Australia.
New Zealand (09) 274 0955
All other international enquiries email: export@gme.net.au