

477 MHz UHF CB RADIOS



UHF RADIOS

TRUST AUSTRALIAN MADE

The only Australian manufacturer of UHF CB radios



Warranty



RF Output



Introducing the TX3500 series & TX4500

Fully engineered and manufactured in Australia with a host of evolutionary features newly developed by GME's highly experienced two-way radio R & D team. Industry firsts that not only differentiate the GME brand from the competition, but take advantage of the latest digital technology to ensure ease of operation and optimum performance across all 80 channels.

Unique and practical benefits include GME's Full Spectrum Backlighting, the amazing, interference suppressing Advanced Signal Management

System, the highly effective Dynamic Volume Control and voice inversion scrambling options. GME also retains all the key attributes that have long been associated with our robust and tough locally manufactured radios like Open/ Group scan, Selcal, CTCSS and a full 3 year parts and labour warranty available through GME's nationwide service network.

The TX3500 series and its DIN sized companion the TX4500 provide an 80 channel solution to suit every application and installation requirement;

TX3500

Compact 5 watt UHF CB radio

The latest in Digital Signal Processing Technology ensures the TX3500 offers superior performance and features compared to radios which use conventional analogue technology.

Simple, practical and affordable the compact, rugged TX3500 is ideally suited to harsh operating environments. The unique slide-in mounting cradle makes installation simple and the solid die-cast chassis is built to last.

Features

- > User adjustable full spectrum LCD backlight
- > Advanced signal management
- > Dynamic volume control
- > Rotary squelch, channel and volume controls
- > Open and group scan
- > Rear mic option
- > CTCSS and DCS
- > Duplex
- > Graphic signal strength meter
- > 19 dealer programmable extra receive channels (403-520 MHz)
- > 3 year warranty



Full Spectrum Backlighting



Pure Sound



Advanced Signal Management



Dynamic Volume Control



Front and Rear Mic Input

built specifically for the harsh Australian conditions where durability and reliable communications are paramount, the TX3500/ TX4500 series epitomises GME's long standing reputation for innovation, quality and value for money.

Full spectrum backlighting



TX3510

Compact and fully featured 5 watt UHF CB radio

The compact fully featured TX3510 has an impressive list of both advanced and standard features, many of which have never been seen before in a UHF CB Radio. With the latest in DSP technology providing a comprehensive

feature set coupled with rugged construction, ease of installation and renowned GME reliability, the TX3510 has rewritten the standard for UHF CB radios.

Features

- > User adjustable full spectrum LCD backlight
- > Advanced signal management
- > Dynamic volume control
- > Voice inversion scrambler
- > Rotary squelch, channel and volume controls
- > Open and group scan
- > Rear mic option
- > Memory channel quick select
- > CTCSS and DCS
- > Duplex
- > 5 digit selcall with quiet mode
- > Digital signal strength meter
- > 95 user programmable extra receive channels (403-520 MHz)
- > 3 year warranty



Full Spectrum Backlighting



Pure Sound



Advanced Signal Management



Dynamic Volume Control



Voice Inversion Scrambler



Front and Rear Mic Input

TX3520

Compact and fully featured remote mount 5 watt UHF CB radio

The TX3520 displays the same rugged construction, comprehensive feature set and renowned GME reliability as the TX3510. The remote head allows for an aesthetically pleasing, easy installation, especially when space is limited, which is often the case in today's modern vehicles.

Features

- > **User adjustable full spectrum LCD backlight**
- > **Advanced signal management**
- > **Dynamic volume control**
- > **Voice inversion scrambler**
- > **Rotary squelch, channel and volume controls**
- > **Open and group scan**
- > **Rear mic option**



Full Spectrum Backlighting



Pure Sound



Advanced Signal Management



Dynamic Volume Control



Voice Inversion Scrambler



Front and Rear Mic Input

TX3540

Compact and fully featured remote mic 5 watt UHF CB radio

The TX3540 is the flagship of the TX3500 family, its feature set is similar to the TX3510 and TX3520. The full function LCD remote microphone provides the ability to control all the radio's features in the palm of your hand, and is the ultimate 'space saver'.

Features

- > **User adjustable full spectrum LCD backlight**
- > **Advanced signal management**
- > **Dynamic volume control**
- > **Voice inversion scrambler**
- > **Adjustable squelch**
- > **Open and group scan**
- > **Rear mic option**
- > **Memory channel quick select**
- > **CTCSS and DCS**
- > **Duplex**
- > **5 digit selcall with quiet mode**
- > **Digital signal strength meter**
- > **95 user programmable extra receive channels (403-520 MHz)**
- > **3 year warranty**



Full Spectrum Backlighting



Pure Sound



Advanced Signal Management



Dynamic Volume Control



Voice Inversion Scrambler



Front and Rear Mic Input



- > Memory channel quick select
- > CTCSS and DCS
- > Duplex
- > 5 digit selcall with quiet mode
- > Digital signal strength meter
- > 95 user programmable extra receive channels (403-520 MHz)
- > 3 year warranty



TX4500

DIN size fully featured 5 watt UHF CB radio

The TX4500 is DIN sized and ideal for installations that require this international size standard. The DIN mounting kit is supplied and its compact depth design allows for easy installation in confined spaces. The combination of

front facing speaker, large LCD screen, rotary volume, channel and squelch controls, and the advanced features provided by the use of the latest in DSP technology, make the TX4500 the radio of choice for many CB markets.

Features

- > User adjustable full spectrum LCD backlight
- > Advanced signal management
- > Dynamic volume control
- > Voice inversion scrambler
- > Large high contrast wide angle LCD display
- > Front facing speaker
- > Rotary squelch, channel and volume controls
- > Open and group scan
- > Rear mic option
- > Memory channel quick select
- > CTCSS and DCS
- > Duplex
- > 5 digit selcall with quiet mode
- > Digital signal strength meter
- > 95 user programmable extra receive channels (403-520 MHz)
- > 3 year warranty



Full Spectrum Backlighting



Pure Sound



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 an 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 clearly indicates the channel, signal strength and many other selected features. The microphone includes channel up/down keys and a priority channel button for simple one-handed operation.

TX3100

Super compact 5 watt UHF CB radio

The GME 'super compact' range is packed with advanced features including Digital Signal Processing (DSP) and comes in two design configurations to suit your individual needs.

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.

Features

- > Flip feature for flexible mounting options
- > Advanced signal management
- > Dynamic volume control
- > User adjustable squelch
- > User selectable duplex channels
- > User programmable scan function
- > 50 in-built CTCSS codes
- > 104 in-built DCS codes
- > High contrast LCD with 'flip' feature
- > 3 year warranty



Pure Sound



Advanced Signal Management



Dynamic Volume Control



Mounting Option



Icon Key



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.



Pure Sound

DSP 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. ASM 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.



Voice Inversion Scrambler

User selectable voice inversion scrambler will make your voice unintelligible to others not using the same scrambler technology, providing a new level of privacy.



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.



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.



Warranty

Built in Australia for Australasian conditions. However, should there ever be a problem with any GME fixed mount UHF CB Radio, GME offers a no fuss, no quibble warranty. With service centres throughout the country, assistance is always near.



RF Output

Maximum legal transmit power rating for maximum range and signal clarity.



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.



Ingress Protected

The device 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.



Tri-colour Backlighting

User adjustable backlight colour that can be set to Green, Amber or Red to suit the driver's personal preference or to match the vehicle's dashboard lighting.



80 Channel Standard

*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.

Features

- > Ingress protected to IP67
- > Compact size for easy fit into any vehicle
- > Tri-colour backlighting - green, amber and red
- > User adjustable squelch
- > User selectable open/group scan
- > 50 in-built CTCSS codes
- > Selcall - 5 digit with quiet mode
- > 10 selcall memories
- > User selectable priority channel
- > ANI - Plus alpha labelling or selcall
- > 19 extra programmable receive channels (403-520 MHz)
- > 3 year warranty



Tri-colour Backlighting



Ingress Protected

TX3340

Super compact 5 watt remote mic UHF CB radio

The TX3340 includes a remote LCD controller microphone which allows easy unobtrusive mounting especially when space is limited.

Features

- > Full function LCD microphone
- > Advanced signal management
- > Dynamic volume control
- > User adjustable squelch
- > User selectable duplex channels
- > User selectable open and group scan
- > 50 in-built CTCSS codes
- > 104 in-built DCS codes
- > 5 digit selcall with quiet mode
- > User selectable priority channel
- > 3 year warranty



Pure Sound



Advanced Signal Management



Dynamic Volume Control

SPECIFICATIONS

MODELS	TX3100	TX3340	TX3500	TX3510	TX3520	TX3540	TX4500	TX4600
RF output (watt)	5	5	5	5	5	5	5	5
No. of channels	80	80	80	80	80	80	80	80
Full spectrum backlighting			•	•	•	•	•	
Digital signal processing	•	•	•	•	•	•	•	
Advanced signal management	•	•	•	•	•	•	•	
Dynamic volume control	•	•	•	•	•	•	•	
Voice inversion scrambler				•	•	•	•	
Open and group scan mode		•	•	•	•	•	•	•
User selectable wide/narrowband receive filters			•	•	•	•	•	
Selectable priority channel		•	•	•	•	•	•	•
Memory channel quick select				•	•	•	•	
Active channel transmit in scan	•	•	•	•	•	•	•	
Selectable duplex channel	•	•	•	•	•	•	•	•
Selcall (5 Tone)		•		•	•	•	•	•
Auto number ID (ANI)		•		•	•	•	•	•
Alpha labelling (selcall)		•		•	•	•	•	•
Quiet mode		•		•	•	•	•	•
CTCSS	•	•	•	•	•	•	•	•
DCS	•	•	•	•	•	•	•	•
Digital signal strength meter		•		•	•	•	•	•
Graphic signal strength meter	•		•					
Rotary channel selector			•	•	•		•	
Push button channel selection	•	•				•		•
Rotary volume control			•	•	•		•	•
Adjustable squelch control	•	•	•	•	•	•	•	•
Front mounted speaker							•	•
Dealer programmable extra receive channels			•					
User programmable receivable frequencies				•	•	•	•	•
No. of receive only channels/banks			19/1	95/5	95/5	95/5	95/5	19/1
Dealer adjustable front/rear microphone sensitivity	•	•	•	•	•	•	•	
External speaker socket	•	•	•	•	•	•	•	•
Remote mounting		•			•	•		
Die-cast chassis	•	•	•	•	•	•	•	•
Slide-in mounting cradle			•	•	•	•		
Front and rear microphone input			•	•	•	•	•	
Dimensions (H x W x D mm)	23 x 102 x 87	23 x 102 x 87	29 x 128 x 128	29 x 128 x 128	29 x 128 x 128	29 x 128 x 128	52 x 172 x 105	65 x 164 x 56

Specifications are subject to change without notice or obligation.



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List of certified
characteristics available
at www.sgs.com

www.gme.net.au

A division of **Standard Communications Pty Ltd**

HEAD OFFICE: Locked Bag 2086 North Ryde NSW 1670 Australia
PHONE: +61 (0)2 9844 6666 **FAX:** +61 (0)2 9844 6600

BRISBANE: (07) 3278 6444
PERTH: (08) 9455 5744
AUCKLAND: (09) 274 0955

MELBOURNE: (03) 9798 0988
ADELAIDE: (08) 8234 2633
SYDNEY: (02) 9879 8888

Retailer:

