

# GME TX4610 IP67 Waterproof UHF Radio

**Brand:** GME

**Product Code:** tx4610

**Price:** \$539.00



## Description

A trusted UHF radio, built for the harsh Australian climate

The TX4610 is ideal for the most rugged environments and is especially suited for use on ATVs, quad bikes and tractors. The TX4610 packs a lot of features into a compact chassis including a large, tri-colour backlit display, selcall and programmable channels.

The all-new IP67 microphone includes channel up/ down keys and a priority channel button making these functions a simple one-handed operation within a modern, waterproof and dustproof chassis. The TX4610 can be installed using either the supplied metal mounting bracket, or flush mounted with the optional MK008B flush mount kit to suit the user's individual installation requirements.

The TX4610 is proudly designed and made in Australia, ensuring the rugged, high-quality design will offer years of reliable operation in ATV and farming vehicles.

## Product Details

- Compact size
- Ingress protection to IP67
- User Selectable Priority Channel

- User Selectable Open and Group Scan
- User Adjustable Squelch
- 5 Digit Selcall with Quiet Mode
- 50 In-Built CTCSS Codes
- 10 Selcall Memories
- Tricolour Backlighting
- ANI (Automatic Number Identification) and Alpha Labelling for Selcall.
- 19 Extra User Programmable Receive Channels (403-520 MHz).
- Australian Made
- 5 Year Warranty

## **Product Specifications**

### **GENERAL**

Compliant Specification - Meets AS/NZS 4365 for radio communications equipment in the UHF citizen and personal radio service.

Frequency Range TX - 476.425-477.4125 MHz

Number of Channels - 80 UHF CB + 19 Receive only

Channel Spacing - 12.5 kHz only

Operation Mode - Simplex Ch1 - 80 Semi Duplex Ch 1 - 8, 41 - 48

Scanning Speed - 20 channels per second

Antenna Impedance - 50 Ohms nominal

Nominal Battery Voltage - 13.8 volts DC

Operating Voltage Range - 10 - 15 volts DC

Overvoltage Protection - 30 Volts DC max. At 18 Volts DC the RF power is reduced, and the words 'Hi DC' flash.

Overcurrent Protection - In-line 3A Fuse

Frequency stability -  $\pm 2.5$  PPM

Modulation - FM

## TRANSMITTER

RF Output - 5.0 watts max

Spurious Emission -  $< -26$  dBm

Maximum Deviation -  $< \pm 2.5$  kHz at +20 dB

Transmit Frequency Response - + 6 dB per octave 300 Hz to 3 kHz + 1 - 3 dB

Current Consumption - < 260 mA muted 600 mA @ max. A.F Output

## RECEIVER

Intermediate Frequencies - 1st - 21.4 MHz 2nd - 450 kHz

Sensitivity - 123 dBm for 12 dB SINAD unweighted

Selectivity - 6 dB at  $\pm 3.5$  kHz, - 60 dB at  $\pm 12.5$  kHz

Intermodulation Immunity - 73 dB

Blocking Immunity - 100 dB

Spurious Response Immunity - 70 dB

Audio signal to noise: 12.5Khz - > 45 dB

Current consumption - 1.7 amps with 50 Ohm termination

Conducted Spurious Emission - < - 57 dBm

## MECHANICAL SPECIFICATIONS

Dimensions - 65 (H) x 165 (L) x 56 (D) mm

Weight - 472 grams

Storage temperature - -10°C to +60°C

## Product Gallery

