

TR Telecom M2000 Mobile PTTtoC Radio

The M2000 is a mobile network radio equipped with Push-To-Talk over Cellular (PTTtoC) technology which can be easily installed into any vehicle. By integrating PTT functionality with an Android operating system, the M2000 provides users with instant global connectedness.

PTTtoC capability of the M2000 eliminates the coverage restrictions previously faced with traditional DMR/LMR PTT comms. Users can now use PTT comms for both individual and group calls over cellular (3G/4G) or Wi-Fi. This unit has enhanced encryption capabilities which provide a superior level of security on transmitted messages.



KEY FEATURES



Instant Call
Up-Take



Loud &
Clear Audio



Global
Coverage



3G, 4G, & Wi-Fi
Networks



Device
Integration

Features:

- ✓ Separate GPS Receiver
- ✓ High Quality Speaker
- ✓ Rugged Connectors
- ✓ 4G Connectivity
- ✓ High Quality Fist Mic
- ✓ Receive voice calls from other phones

Advanced Dispatcher Console

TR Telecom's Advanced Dispatcher Console (ADC) is the ultimate real time visual interface solution that provides the ability to manage and support team communications across the network with up-to date geographical interface using Google Maps and system features.



For all your wide area coverage needs, contact us today:

MODEL M2000 SPECIFICATIONS

Model M2000

Last Update July 2018

Operating System

Android

Android Version 7
Browser N

PTT Platform

RAPID PTT- Version 47

Applications

Android Apps- Pre Installed N
Enable Additional Apps N

Physical

General

Type Mobile
Casing Resin

Screen (Interactive)

Available Y
Size (Inches) 2.5

Display Only

Available N
Size (Inches) -
Type -

Dimensions (mm)

Height 188
Width 58
Depth 68
Weight (gms) 450

Durability

IP Rating IP67
Drop Test (m) 1.5
Operating Temperature (Celcius) -20 to 60
Storage Temperature (Celcius) -30 to 70

Hardware

CPU/Chipset MT6737
Frequency (GHz) 1.5
Cores 4

Memory

RAM (GB) 1
ROM (GB) 8

Memory Card (Expandable)

SD (GB) 128

Camera

Front N
Back N

Speaker

Output (Watts) 4
Size (mm) 40

Battery

Type N
Capacity (mAh) N

Ports

USB Type Micro 5 PIN data

Sensors

3D Gravity N
Acceleration Sensor N

Hardware (Continued)

Interfaces

RSM Y

SIM

Type Micro
Dual Y

Dedicated Keys

Emergency/SOS -
PTT Y

Connectivity

Frequency (Australia) 3G (WCDMA)

B1 - 2100 MHz (Telstra/Optus/Vodafone) Y
B5 - 850 MHz (Telstra) Y
B8 - 900 MHz (Optus/Vodafone) Y

4G (FDD-LTE)

B1 - 2100 MHz (Telstra/Optus/Vodafone) Y
B3 - 1800 MHz (Telstra/Optus/Vodafone) Y
B5 - 850 MHz (Vodafone) Y
B7 - 2600 (Telstra/Optus) Y
B8 - 900 MHz (Telstra) Y
B40 - 2300 MHz (Optus) N

4GX

B28 - 700 MHz (Telstra/Optus) N

Frequency (Global) 3G (WCDMA)

1900 MHz -

Wi-Fi

Wi-Fi IEEE802.11a/b/g/n
Wi-Fi Frequency 2.4G, 5G

Bluetooth

Protocol N
Compatible with RAPID N
NFC -
GPS Y

Compliance

CE Y

Accessories

Installation Kit- Purchase Only

Mounting Bracket /Screws
Power Cable
GPS Antenna
Cellular Antenna