

THE M2000 MOBILE

RAPID Compatible Radio








The M2000 is a mobile network radio equipped with RAPID technology which can be easily installed into any vehicle. By integrating RAPID functionality with an Android operating system, the M2000 provides users with instant global connectedness.

RAPID is the next generation of instant, high-speed, and secure two-way radio communications for voice and data. It is designed and built on a revolutionary all-Australian secure protocol, Intelligent Radio Protocol (IRP®) to ensure true one-to-many communication performance. With RAPID technology the M2000 eliminates the coverage restrictions previously faced with traditional DMR/LMR PTT communications. Users can now use RAPID 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.

M2000 FEATURES:

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

KEY FEATURES:

-  Instant Call Up-Take
-  Loud & Clear Audio
-  Global Coverage
-  3G/4G or Wi-Fi Networks
-  Device Integration



Rapid Command

RAPID Command is a management system for RAPID that can be installed on your desktop computer. This management system provides you with accurate and timely information to ensure safe and efficient operation of your enterprise. Rapid Command is the ultimate real-time visual interface solution that provides the ability to manage and support team communications across the network with an up-to-date geographical interface using Google Maps and system features.



For more information please contact the TR Telecom team.

TS0315

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

Hardware (Continued)

Sensors

3D Gravity N

Acceleration Sensor N

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