

# THE M2000 MOBILE

RAPID Compatible Radio

**RAPID**



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

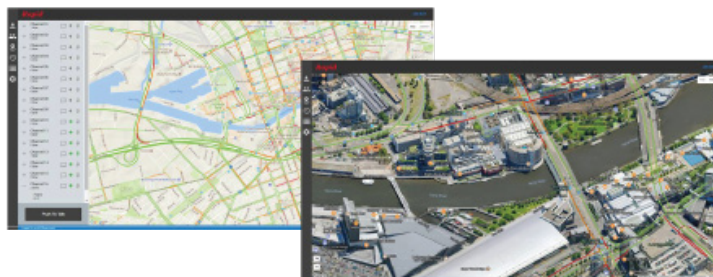


Device Integration



### 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

<b>Android</b>	
Android Version	7
Browser	N
<b>PTT Platform</b>	
RAPID PTT- Version	47
<b>Applications</b>	
Android Apps- Pre Installed	N
Enable Additional Apps	N

### Physical

<b>General</b>	
Type	Mobile
Casing	Resin
<b>Screen (Interactive)</b>	
Available	Y
Size (Inches)	2.5
<b>Display Only</b>	
Available	N
Size (Inches)	-
Type	-
<b>Dimensions (mm)</b>	
Height	188
Width	58
Depth	68
Weight (gms)	450
<b>Durability</b>	
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
<b>Memory</b>	
RAM (GB)	1
ROM (GB)	8
<b>Memory Card (Expandable)</b>	
SD (GB)	128
<b>Camera</b>	
Front	N
Back	N
<b>Speaker</b>	
Output (Watts)	4
Size (mm)	40
<b>Battery</b>	
Type	N
Capacity (mAh)	N
<b>Ports</b>	
USB Type	Micro 5 PIN data

### Hardware (Continued)

<b>Sensors</b>	
3D Gravity	N
Acceleration Sensor	N
<b>Interfaces</b>	
RSM	Y
<b>SIM</b>	
Type	Micro
Dual	Y
<b>Dedicated Keys</b>	
Emergency/SOS	-
PTT	Y

### Connectivity

<b>Frequency (Australia) 3G (WCDMA)</b>	
B1 - 2100 MHz (Telstra/Optus/Vodafone)	Y
B5 - 850 MHz (Telstra)	Y
B8 - 900 MHz (Optus/Vodafone)	Y
<b>4G (FDD-LTE)</b>	
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
<b>4GX</b>	
B28 - 700 MHz (Telstra/Optus)	N
<b>Frequency (Global) 3G (WCDMA)</b>	
1900 MHz	-
<b>Wi-Fi</b>	
Wi-Fi	IEEE802.11a/b/g/n
Wi-Fi Frequency	2.4G, 5G
<b>Bluetooth</b>	
Protocol	N
Compatible with RAPID	N
NFC	-
GPS	Y

### Compliance

CE	Y
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### Accessories

<b>Installation Kit- Purchase Only</b>
Mounting Bracket /Screws
Power Cable
GPS Antenna
Cellular Antenna