

# THE TELO TE580

## Ruggedised Glass Device



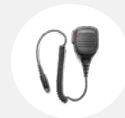
The Telo TE580 handset is a quality ruggedised glass LTE device featuring a customised Android operating system. It comes pre-installed with powerful RAPID software. With dedicated push-to-talk and emergency call buttons, the TE580 enables clear and reliable communications in extreme conditions.

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 TE580 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.

### TE580 FEATURES:

- ✓ 2 W speaker provides loud, clear audio
- ✓ Rated IP67
- ✓ Android 5.1
- ✓ 8 MP back and 2 MP front cameras
- ✓ 2.4" capacitive touch screen
- ✓ 3600 mAh battery
- ✓ Removable high-capacity battery
- ✓ SOS/Emergency key
- ✓ Expandable memory

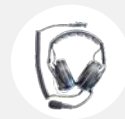
### ACCESSORIES:



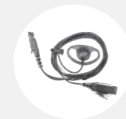
Speaker Microphone



In-vehicle Charger



Heavy Duty Headset



Audio Wire Kits

### 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.

TS0316

## MODEL TE580 SPECIFICATIONS

### Model TE580

Last Update June 2018

### Operating System

#### Android

Android Version 5.1  
Browser Google Chrome / Google Play / Google Services

#### PTT Platform

RAPID PTT- Version 47

#### Applications

Android Apps- Pre Installed N  
Enable Additional Apps Y

### Physical

#### General

Type Portable  
Casing Rugged Glass

#### Screen (Interactive)

Available Y  
Size (Inches) 2.4

#### Display Only

Available N  
Size (Inches) -  
Type -

#### Dimensions (mm)

Height 119.5  
Width 61.5  
Depth 26.5  
Weight (gms) 200

#### Durability

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

### Hardware

CPU/Chipset ARM: Mediatek  
MT6735V/W

Frequency (GHz) 1.5  
Cores 4

#### Memory

RAM (GB) 1  
ROM (GB) 8

#### Memory Card (Expandable)

SD (GB) 32

#### Camera

Front 2 MP + Flash/Light  
Back 8 MP + focus

#### Speaker

Output (Watts) 2.0  
Size (mm) 36

#### Battery

Type Polymer-Lithium  
Capacity (mAh) 3,600

#### Ports

USB Type Micro 2.0

### Hardware (Continued)

#### Sensors

3D Gravity G-Sensor  
Acceleration Sensor Y

#### Interfaces

RSM Y

#### SIM

Type Micro  
Dual N

#### Dedicated Keys

Emergency/SOS Y  
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) Y

#### Frequency (Global) 3G (WCDMA)

1900 MHz N/A

#### Wi-Fi

Wi-Fi 802.11 a/b/g/n  
Wi-Fi Frequency 2.4G, 5G

#### Bluetooth

Protocol BT 4.0 + BLE/BT2.1 + EDR (Enhanced Data Rate)

Compatible with RAPID N

NFC -

GPS GLONASS, GPS, AGPS Support

### Compliance

CE Y

### Accessories

Remote Speaker Microphone (RSM)

Desk Top Charger

In Vehicle Charger

Audio Wire Kits (Earpiece)

Head Sets

Antenna

Belt clips

Carry Case