

THE TELO TE580

Ruggedised Glass Device



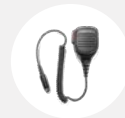
The Telo TE580 handset is a quality ruggedised glass LTE device featuring a customised Android operating system. It comes pre-installed with powerful RAPID software. With dedicated push-to-talk and emergency call buttons, the TE580 enables clear and reliable communications in extreme conditions.

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

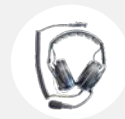
ACCESSORIES:



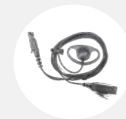
Speaker Microphone



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) N/A
1900 MHz -

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