Telo TE580
by Logic Wireless

Smart LTE Handheld

Delivers an exceptional combination of rugged hardware, powerful software and broadband connectivity.

+logicwireless™

TE580 rugged Push To Talk over Cellular (PTToC) LTE device for mobile workforce voice, text and location services

TE580 Features

- Supports GSM, 3G, 4G/LTE - bands 1, 3, 5, 7, 8, 20, 28
- ChatterPTT push-to-talk client pre-installed
- Android 5.1 allows other applications to be installed (*)
- Bluetooth, WiFi and GPS built in
- 2.4" capacitive touch screen
- SOS / Emergency key to enhance worker safety
- Audio interface fits a variety of traditional two-way radio accessories
- Removable high-capacity battery. Spare batteries available
- 2W speaker provides loud, clear voice
- Expandable SD memory card slot
- IP67 rating to withstand dust, rain and water immersion of 1 meter for 30 minutes

(*) Requires Google Play Store account. Application lockout also available to prevent unauthorised users installing applications.

ChatterPTT app included

The TE580 comes pre-installed with ChatterPTT, a premium mobile app and gateway PTToC solution to communicate seamlessly, across multiple devices.

ChatterPTT intelligently enables different types of communication devices, such as two-way radios and smart phones, to communicate directly with each other. Regardless of their device, network or location, your team can connect instantly as a group or one-to-one.

Worker Safety and Business Efficiency

- Safety in numbers. Communicate voice, messages or images with the whole team.
- Keep it private. Sensitive calls, messages and images can be sent to individuals over the secure cellular network.
- Combining group calling and GPS location with the convenience of GSM, 3G and 4G/LTE cellular network infrastructure makes the TE580 ideal for organisations focussed on improving business efficiency and worker safety.
- No infrastructure overheads – works over cellular and WiFi

Speaker Microphone

- Commercial grade
- 3.5mm earphone audio jack
- Loud, clear audio
- Textured PTT and orange emergency key
- Curly cord with heavy duty strain relief
- Rotating belt / clothing clip
- Secure attachment to TE580 - it won't pull out!

Desktop Charger

- Docking slots for TE580 and spare battery
- Powered by USB
- Charging dock for home or office

In-vehicle Charger

- Machined solid acetal plastic
- Beryllium Copper wipe-action battery contact
- Installation cable with fuse holder included
- TE580 retaining strap

Audio Wire Kits

- Combined microphone and PTT module
- Separate earpiece options
  acoustic tube – flexible earhook
  D-earhanger
- Rugged Kevlar re-enforced cable
  and heavy-duty strain relief.

Heavy Duty Headset (available soon)

- Certified noise reduction of 24dB
- Flexible, noise cancelling boom
  microphone
- Comfortable ear seals
- PTT on ear cup
- Full range of replacement
  parts available

Choose your
LTE network provider

- Operating on your choice of cellular
  network, the TE580 simply needs a
  SIMcard and a push-to-talk account
  such at ChatterPTT to be up and
  running in minutes.
- The device can also use WiFi
  networks when available to reduce
  operating costs.

Tech Specs

Connectivity

Cellular	Supports GSM, 3G, 4G/LTE – bands 1, 3, 5, 7, 8, 20, 28
WiFi	Operating Band: 2.4GHz and 5GHz
	Standards: 802.11 a/b/g/n
Bluetooth	BT 4.0 with BLE/BT2.1 +EDR (Enhanced Data Rate)
GPS	GLONASS, GPS, AGPS support

Hardware

CPU	ARM: Mediatek MT6735V/W
Memory	RAM / ROM: 1GB / 8GB
	SD Card: 32GB
Display	2.4" Capacitive touch screen
Camera	Back: 8M pixels with focus
	Front: 2M pixels Flash light/torch
Speaker	Output: 2.0W
Battery	3,600 mAh
Ports	USB type : Micro USB
Sensors	G-Sensor

Software

Operating System	Android 5.1
Web Browser	Google Chrome / Google Play / Google Services
Push-to-talk	ChatterPTT
Mapping	Google Maps

Physical

Dimension	119.5 x 61.5 x 26.5 (mm)
Weight	Less than 200g
Durability	IP67, Drop Test 1.5m
Operating Temperature	-20$^{\mathrm{O}}$C to 60$^{\mathrm{O}}$C
Storage Temperature	-30$^{\mathrm{O}}$C to 70$^{\mathrm{O}}$C