

TD-LTE/LTE FDD terminal

User Manual

Main Unit Instructions

1. Power/Volume Knob

- A: Rotate the power knob on top of the unit to turn it on/off.
- B: Rotate clockwise to increase volume or counterclockwise to decrease.

2. PTT Button

- A: In standby mode (blue light flashing slowly), press the PTT button to initiate a call (red light on).
- B: During a call, when receiving audio (blue light on), press and hold the PTT button to request speaking rights (red light on). Release the PTT button to end speaking rights and return to standby mode (blue light flashing slowly).

3. Side Shortcut Keys 1/2 (Short Press 1 Second and Long Press 3 Seconds)

4. Quick Group Owner Switch (Rotate to Switch)

Function Menu

Group Selection:

Use the Up/Down keys to select a group (the desired group for communication) and confirm to enter that group.

Note: Short press Shortcut Key 1 to quickly enter the group selection menu.

Member Selection:

Use the Up/Down keys to locate the desired member's name in the group for individual communication. Press Confirm to initiate a private call. After the conversation ends, the device will automatically return to group standby mode.

Note: Short press Shortcut Key 2 to quickly enter the member selection menu.

Device Settings:

1. Display Settings

- Sleep Mode: Set the screen backlight timeout between 5–60 seconds or “Never Sleep” for always-on mode.
- Backlight Brightness: Adjustable levels 1–5.

2. Sound Settings

- PTT Tone (Transmission Tone)
- Key Tone (Keyboard Tone)
- TTS Voice (Function Voice Announcements)
- Transmission Sensitivity (Adjust positive/negative sensitivity for transmission)
- Receiving Sensitivity (Audio volume during reception).

3. Call Pop-Up Window

- On/Off (Displays a small window showing “XX Speaking” or “Device Transmitting” during a call).

4. Power-Saving Mode

- Efficient, Power-Saving, or Super Power-Saving (Standby/Sleep times).

5. Signal Strength

- Display network signal strength in dBm.

6. SIM Card Switching

- Automatic/Manual network selection.
- Long press Shortcut Key 2 to switch between SIM Card 1 and SIM Card 2 networks.

7. Battery

- Display current battery percentage and estimated standby time.

8. Device Information

- Version and user details.

9. Check for Updates

- Perform online firmware updates.

10. Voice Recording Playback

- Play back the last recorded voice communication.

11. IMEI QR Code

12. Online User Count

13. Restore Factory Settings

14. Location Information

- Display the current location.

15. Weather Report

- Display the current day's weather.

Using a Headset:

Insert the compatible headset and press the PTT button on the headset to initiate a call.

Release the PTT button to end the call.

Indicator Lights:

- Standby Mode: Green light flashes every 10 seconds.
- Transmission: Red light on.
- Reception: Green light on.

Technical Specifications

- **Battery Voltage:** 3.7V
- **Battery Capacity:** 6000mAh
- **Operating Temperature Range:** -20°C to +40°C
- **Storage Temperature Range:** -40°C to +80°C
- **Audio Output Power:** 2W

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harm full interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Specific Absorption Rate (SAR) information:

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The SAR limit of USA (FCC) is 1.6 W/kg averaged. Device types: TD-LTE/LTE FDD terminal (FCC ID: 2BN5N-HPN323) has also been tested against this SAR limit. SAR information on this and other pad can be viewed on line at <http://www.fcc.gov/oet/ea/fccid/>. Please use the device FCC ID number for search. This device was tested simulation typical 10mm to body. To maintain compliance with FCC RF exposure requirements, the use of accessories should maintain a separation distance between the user's bodies mentioned above, the use of accessories should not contain metallic components in its assembly, the use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.