

# TALK2ME

## G Mini Radio 2-Way Portable LTE Push to talk (PTT) Radio Manual



The powerful talk2me portable 2-way radio is our advanced radio with cellular connectivity that offers connectivity regardless of your location. With the talk2me 2-way international radio network you can stay in touch with your team or join the all-new citizens band community group for continuous unlimited radio conversations at [talk2chat.com](https://talk2chat.com), with talk2me you are always connected.

UPC 791043586699

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### **talk2me 2-Way Digital Radio**

Talk2me Social Inc.  
847 S Randall Road Ste 400  
Elgin, IL 60123  
(832)880-0000 – <https://talk2me.us>

**Manual can be found at <https://talk2me.us/gminimanual.pdf>.**

# TALK2ME

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## Introduction and Hardware Overview

This section provides a basic introduction and hardware overview:

- Device Introduction.
- Package Contents.
- SIM card information.
- Get familiar with the buttons and power on.
- Primary Front Display.
- Functions of the radio.

## Device Introduction

The **talk2me G Mini Portable LTE PTT Radio** can provide VOD services (Voice over data) to almost any location using cellular broadband technology.

Fast, dependable, and private communications are now just a simple click of the push to talk button provides continuous connectivity for voice communications.

## Package Contents

Your package has the following items:

- **G Mini Portable LTE PTT Radio**
- 1 x Pre-Installed Nano SIM card
- 1 x Headset Microphone Cable
- 1 x USB Power Adapter
- 1 x USB-C Cable

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## SIM Card Information

**A SIM card WILL be preinstalled in the radio.**

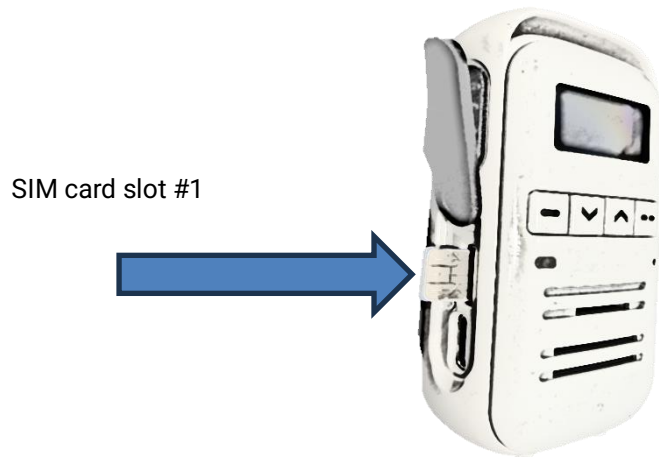
**Do not remove the SIM card unless advised to do so by a support team member.**

Overview of installing the SIM card:

To install a SIM in **the radio** the gold side faces towards front of the radio and the SIM notch faces upwards ward. (See example)

To install the SIM card:

1. Ensure that power to the radio is off.
2. Remove the SIM/Power cover.
3. The SIM should lock into place by using your finger to push the SIM into the slot.



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## Power button.

Let's go over the buttons and functions that will help you get used to your new radio unit,

Now that you know your buttons we power on the radio, all other functions will be discussed later in this manual.

### Power On/Off key (Right -- Button)

- Push in and hold the Power button for 3 seconds to turn on the radio.
- Push in and hold the Power button for 3 seconds to turn off the radio.





Once the radio has powered up you will be taken to the main display screen below:

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## Front Panel display screen.

The radio displays status information on the front panel. (From top to bottom)



1. **Connected Technology & Signal strength:** Displays tower radio signal strength and technology network type.
2. **Battery Icon:** Shows current battery levels, more detailed battery information can be found in the radio's settings menu.
3. **Speaker Icon & Headset Icon:** When speaker is displayed this means radio audio is going the main speaker and when the headset icon is displayed the sound will go through the earpiece/microphone headset.
4. **Service provider** shows current radio network being used.
5. **Group Icon**  shows current group channel.
6. **Member Icon**  shows your current member's ID name.
7. **Time and Date** shows current date and time from the tower.

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## Functions of the radio.

Let's go over the buttons that will help you get used to your new radio unit.



### From the top of the radio to the bottom:

1. **PTT (Push to talk button on microphone).** – The large push to talk button is found on the left side of the radio and is easy to use. Just press and hold for 1 second before you start talking and then hold while transmitting your message and then release when done.
2. **Vol+/Vol-** - These buttons control the volume of the radio and are the up and down selectors for any options.
3. **Menu/OK** – This button allows you to display and select the available options such as settings, members, and groups. This button acts as the confirm button for entry changes.
4. **Power/Exit.** – This button allows you to exit any current menus options and serves as the radios off and on button, See Power button for details.

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## Options menu.

There are 3 options to choose from when pressing the menu button.

- A. Group.
- B. Member.
- C. Settings.

To choose from any of these options use the up and down arrows buttons on the front of the radio and then hit the Menu/OK button to enter the desired menu.

### A. Group menu.

The following choice allows you to select the desired GROUP channel you want to enter. Use the +/- buttons on the front of the radio and then hit the OK button to enter the desired group.

### B. Member menu.

The following choice allows you to select the desired member you want to have a 1 on 1 private conversation with. Use the +/- buttons on the front of the radio and then hit the OK button to select the desired member. Reminder that the member must be online to communicate with.

### C. Settings menu.

The following options will help you customize your radio unit. The number below corresponds with the settings choice.

Available options are:

1. Display settings.
2. Volume settings.
3. Talk popup window.
4. Voice play settings.
5. Power savings settings.

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6. Signal value information.
7. Electricity.
8. Local Information.
9. Service Information.
10. Location.
11. Check New Version
12. IMEI QR Code and Information.
13. Group Number Display.
14. Restore factory settings.
15. APN settings.

## 1. Display Settings:

Available options are:

- Dormancy Settings: This allows you to set the desired radio screen alive time.
- Language Settings: This allows you to set the desired radio language.
- Display Mode Settings: This allows you to set the desired screen brightness.
- Time Zone Settings: This allows you to set your current GMT time zone.

## 2. Volume Settings:

Available options are:

- Volume: This allows you to set the desired loudspeaker volume.
- PTT prompt tone: This allows you to turn on/off the PTT Tone.
- Keypad Tone: This allows you to turn on/off the touch key tones.
- Transmit Gain: Allows you to increase/decrease your volume output.
- Speaker Gain: Allows you to increase/decrease your volume output.

## 3. Talk popup window Settings:

This choice allows you to see the incoming radio ID of the current broadcaster. Available settings are: ON and OFF.

**Note:** Holding down the menu button for 3 seconds will also activate the Keypad Lock feature, hold for 3 more second to release the lock.

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## 4. Voice play Settings:

This choice allows you to use the guided voice prompts for every single prompt and action. Available settings are: ON and OFF.

## 5. Power saving mode Settings:

Adjust the radio's power consumption settings depending on your needs. Available settings are: High efficiency, Power Saving, Superpower Saving.

## 6. Signal Value Information:

Displays the current radio signal value, if you are having signal issues this menu can help provide the current RSSI signal score. Score range -48~-120 dB is acceptable for radio use.

## 7. Electricity Information:

Displays the current battery state of the radio in score value and the available talk time remaining on the radio unit.

## 8. Local Information:

Displays the current radio account number information.

## 9. Service Information:

Displays the current group information.

## 10. Location Information:

**NOT IN USE.**

## 11. Check latest version:

**NOT IN USE.**

## 12. IMEI QR Code Information:

Displays the current radio IMEI number and scannable QR code.

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## 13. Group number display:

Displays the current group information.

## 14. Restore Factory Settings:

This setting allows you to reset the radio back to its factory state.

## 15. APN Settings:

Allows you to choose the APN type. Available options are Station APN, Auto APN, and Manual APN. It is highly recommended that you do not change this section unless you're told by a trained staff member.

## Radio functionality tips.

Features and tips:

### **Poor and no signal issues:**

**Note:** When in a weak signal environment and with poor call quality, you can choose power save mode or normal mode. The call quality will be improved, but the machine also consumes more power.

### **Automatic screen shutdown:**

If there is no button operation within the set time, the radio will automatically shut down the screen.

### **Transmit prompt sound:**

After enabling this function, press and release the PTT key will emit a "beep" prompt sound, which will improve the call experience. When this function is turned off, pressing the PTT key will result in no prompt sound.

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## LED display light:

The LED will help you to find the current radio status.

Status	LED Indication	Time
Search Network	Blue light flashing fast	
Awaiting	Blue light flashing slowly	0.5S on, 3.5S off
Transmitting	Constant Red	
Receiving	Constant Blue	
Charging	Constant Blue	

## Using earpiece headset: (USB Type)

Included with every G Mini Radio, the USB type headset provides microphone and headset listening when plugged into the USB port.

## Battery charge:

It is imperative to always keep your radio unit charged to avoid loss of use.

## Select a group (Group call):

Press the menu button then select the group menu, press the ^v volume buttons to browse the available group:

- Press the exit key to exit the group selection status,
- **Press the OK key to confirm entry into the group.**

If you press the PTT key, you can start a call to the group (with a red light on), accompanied by a prompt sound and screen display.

## **Select members to 1 on 1 chat with. (Private radio call)**

Press the menu key and then select the member choice to enter member selection and press the ^v volume buttons to browse the available members:

- If you press the exit key, you can exit the member selection status
- **Press the OK key to confirm the choice of the member.**

Now you can press the PTT button, a private call can be made to the member (with a red light on) accompanied by a prompt sound and screen display.

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## Solving guidance for problems:

Phenomena	Solving guidance
Equipment unresponsive	<ul style="list-style-type: none"><li>• Low battery level: The battery may have been depleted, please replace the battery or charge it.</li><li>• SIM card malfunction: Check or renew/replace the SIM card.</li><li>• Poor battery contact: Reinstall the battery or clean the battery contact points.</li></ul>
Insufficient standby time	<ul style="list-style-type: none"><li>• Battery performance degradation: replace the battery or buy one more battery for later use.</li></ul>
Charging fault	<ul style="list-style-type: none"><li>• Battery performance degradation: replace the battery</li><li>• Poor connection: Check the connect condition or replace the charging cable</li><li>• Low battery voltage: Charge for about half an hour, then unplug and recharge again</li><li>• Battery malfunction: replace the battery</li><li>• Charger malfunction: replace the charger</li></ul>
Unable to connect to the network	<ul style="list-style-type: none"><li>• Signal too weak: Move area and retry</li><li>• Not on server: Confirm that the SIM card has been installed, and the SIM card is in normal use state. Confirm the local telecom operator has a band covering the radio.</li></ul>

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## Technical and Environmental

### Specifications

- Dimensions: 3"x1.5"x0.8"
- Weight: > 5 oz
- Battery Capacity: 2000 mAh actual.
- Operating temperature: -10°C to 60°C
- Audio Power Output 2W@10%
- Radio Manufacturer: **QUANZHOU WURUI ELECTRIC CO LTD.**
- Module Name: **G Mini Radio**
- Bands available for LTE: **B2, B4, B5, B41, B66.**
- Carrier Aggregation supported: **NO**

#### **Radio WIRED connectivity Interface(s):**

1 USB-C port for charging and for programming and external handset/headset/microphone (left side of radio).

#### **Radio WIRELESS connectivity Interface(s):**

LTE

#### **Radio antenna connectivity Interface(s):**

Built in antenna for both LTE

#### **Radio mobility connectivity Interface(s):**

Nano SIM card slot

#### **Radio software Interface(s):**

Linux kernel

**Radio Key Features:** Factory unlocked device can be used with any carrier.

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## Support

Thank you for buying this talk2me product. You can visit [www.talk2me.us](http://www.talk2me.us) support to obtain more information about your product, get help, access the latest downloads and manuals.

## Compliance

For regulatory compliance information, visit <https://talk2me.us>

See the regulatory compliance document before connecting the power supply.

## Trademarks

© talk2me®, talk2chat® and the talk2me® logo are trademarks of talk2me Social, Inc., Any non-talk2me trademarks are used for reference purposes only.

## Warranty

### talk2me **PRODUCT LIMITED WARRANTY TERMS AND CONDITIONS**

This talk2me® branded product, as supplied and distributed by talk2me and delivered new, and is serviced by talk2me® against manufacturing defects in materials and workmanship for a limited warranty period of:

- 1) 1 year from the date of purchase.

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## FCC Declaration of Conformance

This device follows 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user 's authority to use the equipment.

This equipment has been evaluated and found to follow the limits for a Class B digital device, following 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 harmful interference to radio or television reception, which can be found 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 move 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.

Operations in the 5.850-5.895GHz band are restricted to indoor usage only.

## FCC RF Radiation Exposure Statement (SAR)

This Transmitter must not be co-located or using in conjunction with any other antenna or transmitter.

This equipment follows FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and used with a minimum distance of 35 centimeters between the radiator and your body.

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## Safety Warnings

### Adapter

Do not use any other power adapter except the one that goes with this unit, or a power adapter shown in the list below.

Use of another adapter could result in damage to the unit.

The following power adapter is qualified for use with this talk2me® radio:  
(specified the adapter specifications, brand, make, type and other restrictions)

### Caution

Ensure to connect the power cord of power adapter to a socket-outlet with grounding connection.

## Safety and Compliance

### Read before Use

We recommend you read the following sections thoroughly before use. talk2me Social Inc. is not liable for malfunctions or damage resulting from misuse of the modem.

### Safety Precaution

Please see the following safety precautions.

Use the chargers, cables or accessories approved by the device manufacturer.

Do NOT disassemble or change the device. Doing so voids the warranty.

Prevent wetness from penetrating internal parts. Using the device in wet or damp environment (for instance, charging it in a wet environment like bathtub or bathroom) may result in malfunctions.

Do NOT use this device near source of heat or fire, such as oven, microwave, stove, or heater.

Keep your device away from cooking appliances.

Do NOT place the device in places with heated atmosphere (dryer, sauna, hot water).

Do NOT use the device and disconnect all cables at places with fire or explosion risks.

Avoid strong physical impact (heavy objects or excessive force).

Keep your device away from liquid or conductive materials.

Do NOT charge the device when either the device, the adapter, or the cable is wet. It may cause short-circuit.

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Power off the device when near medical equipment or high-precision control systems to avoid potential interference.

Charge with specified voltage only.

Place the device on a flat, stable surface for best use.

Keep the device and adapter away from children and pets.

The device must be disposed of per the locally applicable. environmental regulations.

Keep the device away from magnetic items such as magnetic strip cards or items that generate strong electronic or magnetic fields, such as a microwave.

Do NOT store the device in an overheated environment.

Do NOT use the device when it is overheated.

Disconnect all the cable connections when the device is not in use.

Place the device in places with good signal strength.

Make sure the adapter you use with the device meets the approved standards and specifications.

## Disposal and Recycling

Do not dispose of the router in a household garbage bin.

Products with this label must be taken to specific collection points at the end of their life.

You can learn more about how to recycle your mobile device by visiting the CTIA website at

[www.ctia.org/news/how-to-recycle-your-mobile-device](http://www.ctia.org/news/how-to-recycle-your-mobile-device)

## Maintenance & Care

- Avoid extreme temperature or direct sunlight.
- Clean handset with soft, dry cloth. Do NOT use alcohol solvent (color may fade)
- The warranty does not cover malfunctions caused by misuse.
- Stop all the applications and shut down the device before cleaning it.
- Keep the device and its accessories always dry.
- If anomaly occurs, contact your providers support at once.
- When storing the device, do NOT store it in a container with dampness or under extended heat.
- Avoid always dropping the device or strong physical impact.

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The Wi-Fi Logo is a certification mark of the Wi-Fi Alliance.

### Changes

The functions of the product and associated peripherals or accessories are described in this document are based on the current hardware, software and/or local network conditions at the time of writing, and thus may vary due to conditions set by local network service providers or carriers. Therefore, all information described here is subject to change without prior notice.

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## Replacement Parts List.

Part Image	Description	UPC
	Removable Belt Clip for G Mini Radio	791043586537
	USB A to USB C Power Cable for talk2me Radios	791043586544
	USB A Power Block for talk2me Radios	791043586551
	USBC Type Replacement Headpiece	791043586568
	Replacement STANDARD USA Sim card	791043586483

If you need a part that is not listed, please contact us.

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