

# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual



The talk2me 2-way walkie-talkie radio is our innovative communication device featuring cellular connectivity, ensuring that you stay connected no matter where you are. Through the talk2me 2-way international radio network, you can keep communicating with your team or take part in the newly established citizens band community group, with talk2me, you are perpetually connected.



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### Table of Contents

#### **Introduction**

Introduction and Hardware Overview

Device Introduction

Package Contents

SIM Card Information

Power button

Front Display Panel

Functions of the radio.

Options menus.

Group menu

Member menu

Settings menu

Radio functionality tips.

Solving guidance for problems

Technical Specifications

Support

Compliance

Trademarks

Warranty

FCC Declaration of Conformance

FCC RF Radiation Exposure Statement (SAR)

Safety Warnings

Safety and Compliance

Maintenance & Care

Legal Notices

Product Images

Replacement Parts List



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### Introduction and Hardware Overview

This section provides a basic introduction and hardware overview:

- Device Introduction.
- Package Contents.
- Get familiar with the buttons and power on.

### Device Introduction

The talk2me 25 Ultra Mini POC Radio can deliver Voice over Data (VOD) services to nearly any location using cellular broadband technology. With a simple press of the push-to-talk button, users can access fast, dependable, and private communication, ensuring uninterrupted connectivity for voice interactions.

### Package Contents

Your package has the following items:

- **25 Ultra Mini Portable PoC Walkie Talkie**
- 1 x Pre-Installed Nano SIM card
- 1 x USB Power Adapter
- 1 x USB-C Cable
- 1 x Manual Insert

Additional items for purchase:

- 1 x Headset Microphone USB Cable



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### SIM Card Information

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

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

Overview of installing the SIM card:

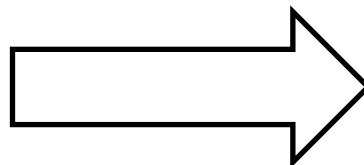
To install a SIM in **the radio** the gold side faces towards front of the radio and the SIM notch faces upwards ward. (See example)

To install the SIM card:

1. Ensure that power to the radio is off.
2. Remove the attached battery/clip from the radio unit.
3. Remove the SIM cover and then open the desired SIM slot
4. The SIM should lock into place by using your finger to lock the SIM into the slot.

This device offers dual SIM capability, however if you are using one SIM card you should always use SIM card slot #1. (Examples Below)

SIM card slot #1



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### 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 (Side key)

- 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:

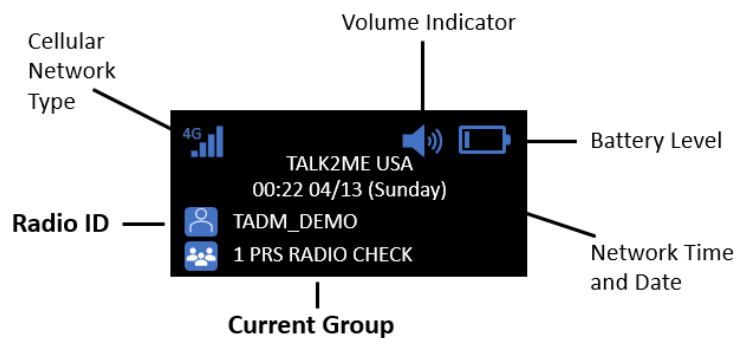


# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### Front Panel display screen.

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




### 2025 Ultra Mini Interface


**Signal strength indicator:** Displays tower radio signal strength.

**Cellular network type:** Displays radio network type.

**Battery icon:** Shows current battery levels, more detailed battery information can be found in the radio's settings menu.

**Headset icon:** When displayed this means radio audio is going through the earpiece/microphone headset.

**Group icon**  shows current group channel.

**Member icon**  shows your current member's ID name.

**Speaker icon: Idle** means listening to the channel, **Speaker icon: Member** shows current member speaking.

**Time and Date** shows current date and time from the tower.



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### Functions of the radio.

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



**PTT (Push to talk button on microphone).** – The large push to talk button is found on hand microphone 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.

**Vol+/Vol-** - These buttons control the volume of the radio and are the up and down selectors for any options.

**Menu** – This button allows you to display and select the available options such as settings, members and groups.

**OK** – This button acts as the confirm button for entry changes.

**Power/Exit.** – This button allows you to exit any current menus options and services as the radios off and on button, See Power button for details.



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### Options menu.

There are 5 options to choose from when pressing the menu button.

1. Group
2. Member
3. Settings
4. Device Information
5. Network (Coming Soon)

To choose from any of these options use the front arrow buttons and then hit the OK button to enter the desired menu.

### 1. Group menu.

The following choice allows you to select the desired GROUP channel you want to enter. Use the front arrow buttons and then hit the OK button to enter the desired group.

### 2. 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 front arrow buttons and then hit the OK button to select the desired member. Reminder that the members must be online to communicate with. (AVAILABLE IN PRIVATE NETWORKS ONLY)

### 3. Settings menu.

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

Available options are:

Backlight	Power Save Conf.
Beep Switch	PTT Tone
Profiles	Headphone Recognition
Mic Mode	PTT Delay
Time Zone	





# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### 1. Backlight Settings:

Available options are:

- Backlight Settings: This allows you to set the desired radio screen alive time.
- Screen Backlight Settings: This allows you to set the popup screen option.

### 2. Beep Switch Settings:

Available options are:

- Tone: This allows you to turn on/off the touch key tones.

### 3. Profile Settings:

This option lets you set the listening environment and adjust to conditions.

Available options are:

- Outdoor:
- Standard:
- Indoor:
- Earphone:

### 4. Mic Mode Settings:

This option lets you set the microphone gain.

Available options are:

- Low
- Middle
- High

### 5. Time Zone Settings:

This option lets you set the GMT time zone.

### 6. Power Save Configuration:

This option lets you set the power consumption level.

Available options are:

- High Performance
- Standard
- Power Save



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### 7. PTT Tone:

Available options are:

- PTT Tone: This allows you to turn on/off the PTT beep tone.

### 8. Headphone recognition:

This option lets you set the headphone option.

Available options are:

- Automatic
- Manual

### 9. PTT Delay:

Available options are:

- PTT: This allows you to set the desired PTT delay time.

## 4. Device Information menu.

The following information is available.

#### Application Version

Displays the software variant.

#### Module Version

Displays the radio module software variant.

#### Module Type

Displays the current module hardware.

#### IMEI

Displays the radio IMEI and QR Code.

#### ICCID

Displays the SIM card number.



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### 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.

#### **Top LED display light:**

The top LED will help you to show the current radio status.

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

#### **Using earpiece headset: (USB C Jack)**

Optional for the 2025 Ultra Mini Radio, the USB C type headset provides microphone and headset listening when plugged in.

#### **Battery charge:**

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

UPC: 791043574179 SKU: 25ULTRAMINI

Page 11

Talk2me Social Inc.

847 S Randall Road Ste 400

Elgin, IL 60123


(832)880-0000 – <https://talk2me.us>



# 2025 Ultra Mini Radio


## LTE PoC (PTT) Walkie-Talkie Radio Manual

### Select a group (Group call):

Press the green menu button then select the group menu, by pressing the  front selector buttons to browse the available group:

**Press the green menu key to confirm entry into the group and you will be added to the group.**

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

Press the menu key and then select the member choice to enter member selection and press the  front selector buttons to browse the available members:

• **Press the green menu key to confirm the choice of the member.**

Now you can press the PTT button, a private call can be made to the member accompanied by a prompt sound and screen display.

## 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>



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

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>

## Technical and Environmental

### Specifications

<b>Model</b>	TALK2ME ULTRA MINI RADIO	<b>Battery capacity</b>	1800mAh	<b>SIMCARD</b>	Dual SIM card
<b>Device name</b>	2025 ULTRA MINI POC LTE RADIO	<b>Hot start</b>	4s	<b>GPS Performance</b>	
<b>Working voltage</b>	DC: 3.4V-4.2V, typical value 3.8V	<b>Cold start</b>	55s	<b>Frequency</b>	1575.42MHz
<b>Network LTE Bands</b>	2/4/5/7/66	<b>Charging Mode</b>	TYPE-C	<b>Capture sensitivity</b>	-143dBm
<b>Maximum transmit Power</b>	FDD-LTE Power Class 3 (23 +/- 2dBm)	<b>Antenna</b>	built-in FPC	<b>Update rate</b>	2-4HZ
<b>Standby</b>	60hours	<b>Operating temperature</b>	-20°C~ +60°C	<b>Power consumption</b>	35mA
<b>Reception sensitivity</b>	FDD-LTE -94 dBm(20MHZ)	<b>Weight</b>	6.6 oz.	<b>Rated audio power</b>	500mW
<b>Dimensions:</b> 3.5" Tall x 1.25" Width x 1" Depth w/ Belt Clip			<b>Platform:</b> XIN POC		



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

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

1 USB-C port for charging (side of radio).

1 USB-C port for programming (side of radio).

1 USB-C Port for external handset/headset/microphone.

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

LTE

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

Built in antenna for LTE

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

Nano SIM card slot

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

Linux kernel

### **Radio Key Features:**

Factory unlocked devices can be used with any carrier.

## 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.



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### 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 newly, and is protected by talk2me® against manufacturing defects in materials and workmanship for a limited warranty period of:

- 1) 1 year from the date of purchase.

talk2me Social Inc.  
847 S Randall Road  
Ste 400  
Elgin, IL 60123  
USA



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### FCC Declaration of Conformance

This device complies with Part 15 of the FCC Rules. Its operation is subject to two conditions: (1) it must not cause harmful interference, and (2) it must accept any interference it receives, including that which may lead to undesired operation. Any changes or modifications not explicitly approved of by the responsible party for compliance may result in the loss of the user's authority to operate the equipment.

This equipment has been assessed and confirmed to meet the standards for a Class B digital device as outlined in Part 15 of the FCC Rules. These standards are intended to provide adequate protection against harmful interference in residential settings. The equipment generates, utilizes, and can emit radio frequency energy, which, if not installed and operated according to the provided instructions, may result in harmful interference with radio communications. However, there is no assurance that interference will not occur in a specific installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is advised to attempt to resolve the interference through one or more of the following actions:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Plug the equipment into a different outlet than the one used by the receiver.
- Seek assistance from the dealer or a qualified radio/TV technician.

**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 working 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 at a minimum distance of 35 centimeters between the radiator and your body.





# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### 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 a 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 are wet. It may cause short circuits.

Power off the device when near medical equipment or high-precision control



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

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 following 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 Ultra Minis 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 temperatures 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 an 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.



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### Legal Notices

#### Copyright Statements

Copyright ©2025 talk2me Social Inc. All rights reserved.

No part of this document may be duplicated, reproduced, shared, or used in any form, regardless written or electronically, without the prior written consent of **talk2me Social Inc.** and its affiliates.

The product described in this document has software developed by **talk2me Social Inc.** and licensed third parties. Unless instructed or licensed otherwise by **talk2me Social Inc.** or other affiliated entities, you must NOT (1) modify, amend, translate, reverse-engineer or derive this product; (2) reproduce the software or any part of this; (3) rent, lease, transfer or re-license the software or any part of this, or transfer the rights of the software; (4) remove any statement or labeling information of the product and the software in this product; (5) tamper, change or replace the software, or any attempt to impact the integrity of the software. If any of the violations above occur, your license in using the software will be ended.

#### Trademark Statements

**talk2me Social**® is a trademark of **talk2me Social Inc.**, the product names on this site, and the other trademarks, logos, and service marks (collectively the "Trademarks") used in this site are the property of **talk2me Social Inc.** or their respective owners. Nothing contained in this site should be construed as granted by implication, estoppel, or otherwise, a license or right of use of **talk2me Social** or any other Trademark displayed in the site without the prior written permission of **talk2me Social.** or its respective owner.

#### 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 the information described here is subject to change without prior notice.



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual


### Product Images.



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

### Replacement Parts List.

Part Image	Description
	Back housing and Belt Clip and Lanyard for 25 Ultra Mini Radio
	Internal Replacement Battery for 25 Ultra Mini Radio
	USB A to USB C Power Cable for talk2me Radios
	USB A Power Block for talk2me Radios
	USB C Microphone Earpiece
	Replacement ULTRA MINI North American Sim card



# 2025 Ultra Mini Radio

## LTE PoC (PTT) Walkie-Talkie Radio Manual

	Replacement GLOBAL USA+ Sim card
	Replacement Housing unit for 25 Ultra Mini Radio
	USBC Programming Cable for TALK2ME RADIOS

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

