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› TIDRADIO TD-G100 Nationwide 4G PoC Walkie Talkie Instruction Manual

## TIDRADIO TD-G100

# TIDRADIO TD-G100 Nationwide 4G PoC Walkie Talkie Instruction Manual

Model: TD-G100

## 1. INTRODUCTION

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The TIDRADIO TD-G100 is a state-of-the-art 4G PoC (Push-to-Talk over Cellular) walkie talkie designed for nationwide communication. Utilizing cellular networks, it offers unlimited range wherever AT&T signal is available, providing clear and instant communication. This manual will guide you through the setup, operation, and maintenance of your TD-G100 device.



Image: Front view of the TIDRADIO TD-G100 walkie talkie, showcasing its compact design and display.

## 2. WHAT'S IN THE BOX

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Your TIDRADIO TD-G100 package includes the following items:

- TIDRADIO TD-G100 Walkie Talkie Unit(s)
- Type-C Charging Cable
- 2 x 12V Batteries (included)
- AT&T SIM Card (pre-installed, with 12 months complimentary data)
- User Manual (this document)

## 3. PRODUCT OVERVIEW AND CONTROLS

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Familiarize yourself with the physical components and controls of your TD-G100 walkie talkie.

## Hidden antenna

/Shock -resistant protection bar



### Dimensions of TD-G100:

Height: 4.10"

Length: 1.25"

Width: 2.12"

Image: Diagram highlighting the key controls of the TD-G100, including Volume Control, PTT Button, Menu/Confirm, Groups list, Single Call, Power on/EXIT Button, Microphone, and Speaker.

- **Volume Control:** Rotate to adjust the audio output level.
- **PTT Button (Push-to-Talk):** Press and hold to transmit your voice. Release to listen.
- **Menu Button:** Access the device menu.
- **EXIT Button:** Exit current menu or function.
- **Navigation Buttons:** Use to select menu options.
- **Groups List Button:** Quickly access your configured talk groups.
- **Single Call Button:** Initiate a private call with a specific contact.
- **Microphone:** Speak into the microphone for clear transmission.
- **Speaker:** Audio output for incoming transmissions.
- **Hidden Antenna:** The device features an internal antenna for a compact design.
- **Shock-Resistant Protection Bar:** Provides enhanced durability.

## 4. SETUP GUIDE

### 4.1 SIM Card and Battery Installation

The TD-G100 comes with a pre-installed AT&T SIM card. If you need to access or re-install the SIM card or battery, follow

these steps:



Image: Illustration showing the pre-installed SIM cards in the TD-G100, highlighting the 1-year free data plan.

1. **Open the Lock Buckle:** Gently push the SIM card slot latch downward to open it.
2. **Insert SIM Card:** Place the SIM card into the designated slot. Ensure correct orientation.
3. **Close the Lock Buckle:** Close the latch and gently push it upward to secure the SIM card.
4. **Install the Battery:** Insert the provided 12V battery into its compartment.
5. **Secure Battery Cover:** Replace the battery cover and ensure it is securely fastened.

## 4.2 Odmaster App Download and Account Registration

The Odmaster app is essential for managing your TD-G100, including adding friends, creating groups, and managing your data plan. You can download the app by scanning the QR codes below or searching in your device's app market.

# Activation Tutorial

1

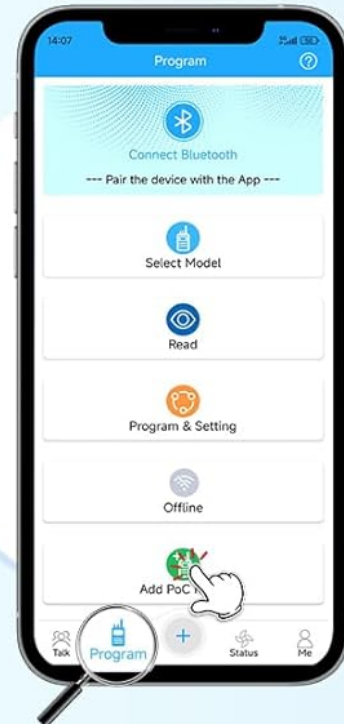


## Step 1

Scan the QR code below to download the "Odmaster" APP, log in after registering



2



## Step 2

Switch to the "Program" interface and click "Add Poc Radio" directly!

3



## Step 3

Scan the QR code of the poc radio screen on the intercom

4



## Step 4

Successfully activate the public POC Radio



Video tutorial

Image: Screenshot of the Odmaster app activation tutorial, showing QR codes for Android and iOS app downloads.

- **Download App:** Scan the QR code for your device's operating system (Android or iOS) or visit [odmaster.tid-](http://odmaster.tid-)

china.com/odmasterAppDownload.

- **Register Account:** Open the Odmaster app and register a new account using your phone number or email. You can log in without verification if using email.
- **Add Friends:** From the app's main interface, you can add friends by scanning their QR code or entering their Odmaster ID.
- **Create Group:** Create new talk groups within the app. You can name your group and invite friends to join.

### 4.3 Binding TD-G100 to Odmaster App

To link your TD-G100 walkie talkie to your Odmaster account:



Image: Visual guide for binding the TD-G100 to the Odmaster app, showing the steps to scan the device's QR code.

1. **Open Odmaster App:** Navigate to the "Program" interface and click "Add Poc Radio".
2. **Scan QR Code:** On your TD-G100, power it on and locate the QR code displayed on the screen. Use the Odmaster app to scan this QR code.
3. **Confirm Binding:** Follow the on-screen prompts to confirm the binding. Once successful, your device will be listed in the app.
4. **Add Groups to Device:** From the app, select your bound TD-G100 and add the desired talk groups to it. This will enable communication through these groups on your device.

## 5. OPERATING YOUR TD-G100

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### 5.1 Basic Communication

The TD-G100 supports Full Call, Single Call, and Group Call functions.

# Unlimited Range for Multiple MEMBERS



Image: Diagram illustrating the Single Call, Group Call, and Mass Call capabilities of the TD-G100.

- **Full Call:** To initiate a full call to all members in your current group, select the group using the Groups List button, then press and hold the PTT button to speak. Release to listen.
- **Single Call:** To make a private call, press the Single Call button, select the desired member from your contacts, then short press the PTT key to confirm. Press and hold the PTT key to speak.
- **Group Call:** To communicate within a specific group, press the Groups List button, select the desired group, then press and hold the PTT button to speak.

## 5.2 Auto-Recording Function

The TD-G100 features an auto-recording function that captures all conversations within your groups. This ensures no important calls are missed and allows for reviewing chat history at any time.



Image: Visual representation of the auto-recording function, showing a walkie-talkie and a smartphone displaying chat history.

## 5.3 One-Click Auto-Update (OTA)

Your TD-G100 supports Over-The-Air (OTA) updates, allowing for seamless firmware optimizations and access to new features without needing a physical connection to a computer. This feature helps extend the device's life and ensures real-time parameter tuning.



Image: Graphic illustrating the OTA update process, emphasizing no computer is needed for effortless upgrades.

## 6. MAINTENANCE

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- **Battery Care:** The 3000mAh battery provides approximately 24 hours of average use. Charge the device using the provided Type-C charging cable. Avoid overcharging or fully discharging the battery for extended periods to prolong its lifespan.
- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use harsh chemicals or abrasive cleaners.
- **Water Resistance:** The TD-G100 has an IP54 waterproof rating, meaning it is protected from dust and splashing water. Avoid submerging the device in water.
- **Software Updates:** Regularly check for OTA updates through the Odmaster app to ensure your device has the latest features and performance improvements.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
No signal / Cannot communicate	Out of AT&T network coverage; SIM card not properly installed; Data plan expired.	Move to an area with AT&T coverage; Re-install SIM card; Renew data plan via Odmaster App.
Device not binding to app	Incorrect QR code scanned; App not updated; Device offline.	Ensure correct QR code is scanned; Update Odmaster app; Check device power and network status.
Poor audio quality	Weak signal; Obstructions; Volume too low.	Move to an open area; Adjust volume control.
Battery not charging	Faulty cable/charger; Incorrect connection.	Ensure Type-C cable is properly connected; Try a different charging cable or adapter.

## 8. SPECIFICATIONS

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Feature	Detail
Brand	TIDRADIO
Model Number	TD-G100
Connectivity Protocol	4G PoC LTE
Talking Range Maximum	10000 Miles (Network Dependent)
Number of Channels	200
Battery Capacity	3000mAh
Battery Average Life	24 Hours
Charging Interface	Type-C
Water Resistance Level	IP54 (Water Resistant)
Special Features	3W Loud Audio Speaker, Auto-recording Conversation, One-Click Auto-Update (OTA), Odmaster APP Support

## 9. WARRANTY AND SUPPORT

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TIDRADIO is committed to providing the best communication experience. For any inquiries or support, please contact us.

- **Warranty:**
  - 30-day free return or replacement
  - 90-day quality warranty
  - Lifetime after-sales service & OTA updates
- **Support Email:** [support@tidradio.com](mailto:support@tidradio.com)



Smarter Global Communication

# Thank You for Choosing TIDRADIO!

**SUPPORT: [support@tidradio.com](mailto:support@tidradio.com)**

We are committed to providing the  
best communication experience.

Image: A thank you message from TIDRADIO with their support email address.

## 10. VIDEO TUTORIALS

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For visual guidance on setting up and using your TD-G100, please refer to the official video tutorials below:

### [How to Use the G100 4G PoC Walkie-Talkie](#)

Your browser does not support the video tag.

Video: A comprehensive guide demonstrating the setup and operational procedures for the TIDRADIO TD-G100 4G PoC Walkie-Talkie.

### [Walkie Talkies Long Range Overview](#)

Your browser does not support the video tag.

Video: An overview of the long-range capabilities and general use of TIDRADIO walkie talkies, including the TD-G100 model.