

TIDRADIO G18

TIDRADIO TD-G18 PoC Radio User Manual

Model: TD-G18 | Brand: TIDRADIO

1. INTRODUCTION

The TIDRADIO TD-G18 is a state-of-the-art Push-to-Talk over Cellular (PoC) radio designed for reliable, long-distance communication. Utilizing 4G LTE networks, it offers nationwide coverage, enabling seamless communication across vast distances without traditional range limitations. This manual provides essential information for setting up, operating, and maintaining your TD-G18 radio.



Figure 1.1: Nationwide communication capabilities of the TD-G18 PoC Radio.

The TD-G18 integrates advanced features such as crystal-clear audio with noise cancellation, a long-lasting 3000mAh battery, USB-C fast charging, and the ability to manage groups and record conversations via the ODmaster app. It is suitable for various applications, including family use, logistics, team collaboration, and emergency communication needs.

Video 1.1: Overview of the TIDRADIO TD-G18 PoC Radio's features and capabilities.

2. PACKAGE CONTENTS

Upon opening your TIDRADIO TD-G18 package, please verify that all the following items are included:

- TD-G18 PoC Radio(s)
- SIM Card(s)
- Headphone(s)
- Charging Adapter(s)
- Type-C Data Cable(s)
- Instruction Manual (this document)



Figure 2.1: Visual representation of the items included in your TD-G18 package.

Video 2.1: An unboxing video demonstrating the contents of the TD-G18 package and initial handling.

3. PRODUCT OVERVIEW

3.1 Radio Components

Familiarize yourself with the main components and controls of your TD-G18 radio:







NATIONWIDE WALKIE TALKIES

No Delays, No Lag Turn it on, and talk Multi-network auto-switch



Figure 3.1: Front view of the TD-G18 radio.

TIDRADIO TD-G18 VS TRADITIONAL WALKIE-TALKIE

	Unlimited Range 6000 Miles	 Call Range	No more than 100 miles
	Advanced Encrypted Calls	 Call Security	Poor confidentiality
	No additional charges	 Cost	Fee (Monthly/Annual payment)
	3000mAh long-lasting	 Battery	Unmarked range battery
	OTA Update APP Recording		Not mentioned

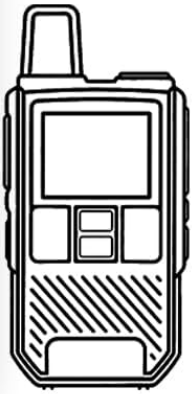


Figure 3.2: Side view of the TD-G18 radio, showing the PTT button and other controls.

4. SETUP

4.1 SIM Card and Battery Installation

The TD-G18 requires a SIM card for network connectivity. Follow these steps to install the SIM card and battery:

1. Remove the battery cover from the back of the radio.
2. Open the SIM card slot lock buckle.
3. Carefully insert the provided SIM card into the designated slot.
4. Close the SIM card slot lock buckle to secure the SIM card.
5. Insert the 3000mAh Li-ion battery into the battery compartment.
6. Replace the battery cover, ensuring it clicks securely into place.



Figure 4.1: Rear view of the TD-G18 showing SIM card and battery compartments.

4.2 Powering On/Off

To power on the radio, long-press the red 'Exit' button until the screen illuminates. To power off, long-press the same button until the device shuts down.

4.3 ODmaster App Download and Radio Binding

The TD-G18 utilizes the ODmaster app for advanced features and management. Download and bind your radio as follows:

1. Scan the QR code on the radio screen or visit todmaster.tid-china.com/odmasterAppDownload to download the ODmaster app for your Android or iOS device.
2. Register an account within the app using your phone number or email.
3. In the app, navigate to the 'Devices' section and click the '+' icon to add your radio.
4. Scan the QR code displayed on your TD-G18 radio's screen using the app.

- Follow the on-screen prompts to complete the binding process. You can customize the device name if desired.



Figure 4.2: Activation tutorial for the TD-G18 using the ODmaster app.

For a visual guide, refer to the [G18 Activation Video](#).

5. OPERATING INSTRUCTIONS

5.1 Group Management

The ODmaster app allows for flexible group creation and management:

- Adding Friends:** In the ODmaster app, navigate to the 'Friends' tab. Use the search function to find other users by their ID or scan their QR code.
- Creating Groups:** From the 'Groups' tab, select 'Create Channel'. Enter a channel name and invite friends to join.
- Joining Groups:** You can join existing groups by accepting invitations or using a group ID.

Activation Tutorial

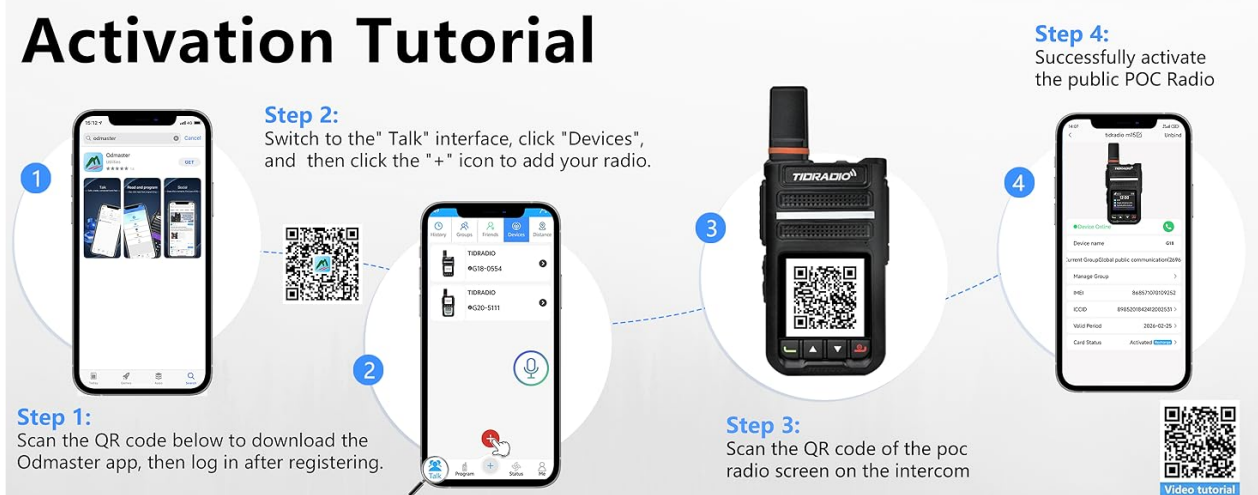


Figure 5.1: ODmaster app interface for managing groups and devices.

5.2 Making Calls

The TD-G18 supports various call types:

- Full Call (Group Call):** Select the desired group on your radio. Press and hold the Push-to-Talk (PTT)

button on the side of the radio to transmit your voice to all members in the selected group. Release the PTT button to listen.

- **Single Call:** Use the radio's menu or app to select a specific individual from your contact list. Press and hold the PTT button to initiate a private conversation.
- **App-to-Radio Call:** You can also use the ODmaster app on your smartphone to communicate with your radio or other radios in your groups.

Video 5.1: A comprehensive demonstration of the TD-G18's communication features, including group and individual calls.

5.3 Key Features

- **Crystal Clear Audio & Noise Cancellation:** The radio is equipped with an advanced noise-filtering microphone, reducing background noise by up to 95% for clear communication in noisy environments.
- **Automatic Conversation Backup:** The ODmaster app automatically records all group calls, allowing you to replay conversations for accountability and reference.
- **One-Click OTA Updates:** Keep your radio's firmware up-to-date with over-the-air updates directly through the ODmaster app, requiring no physical connection.

6. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Avoid harsh chemicals or abrasive materials.
- **Battery Care:** Charge the battery fully before first use. Avoid overcharging or completely draining the battery to prolong its lifespan. Store the radio and battery in a cool, dry place when not in use.
- **Storage:** If storing the radio for an extended period, remove the battery and store it separately.

7. TROUBLESHOOTING

If you encounter issues with your TD-G18 radio, refer to the following common problems and solutions:

Problem	Solution
No Global Call / Signal Issue	Ensure you are in an area with AT&T or T-Mobile network coverage in North America. PoC radios rely on cellular networks.
Network Failure	1. In ODmaster APP, find ME->APN. Enter APN code: indosatgprs. Reboot and test radio again. 2. If the issue persists, send your SIM card number and order number to support.
Frequent Disconnections / Choppy Sound	Usually results from weak signals. Try making calls in a well-signalized area. After a call ends, it auto-switches back to the default group. Change the default group in the app.
Radio Not Registered / Cannot Bind to App	Unbind the radio in the app, then rebind. If the problem persists, send a clear QR code picture and your account information to support.
Echo Problem	Stay away from nearby sources of interference.



Figure 7.1: Troubleshooting steps for common TD-G18 issues.

8. SPECIFICATIONS

Feature	Detail
Brand	TIDRADIO
Model Number	G18
Color	Black
Number of Channels	200
Frequency Range	LTE/POC/4G
Talking Range Maximum	10000 Miles (Network Dependent)
Battery Capacity	3000mAh (up to 7 days standby, all-day talk time)
Charging	USB-C Fast Charging
Water Resistance Level	Water Resistant
Special Features	Long Range, Rugged, Battery Saver Mode, Noise Reduction, APP recording, OTA Updates
Compatible Devices	TD-M15, TD-G100, TD-M2

YOU CONTROL EVERYTHING FROM THE ODMASTER APP



Figure 8.1: TD-G18 battery features.

9. WARRANTY AND SUPPORT

TIDRADIO offers a **12-month after-sales service** for the TD-G18 PoC Radio. Additionally, a **30-day return policy** is available for your peace of mind.

For any technical assistance, warranty claims, or support inquiries, please contact our customer service team:

- **Email:** support@tidradio.com

When contacting support, please provide your product model number, SIM card number, and order number for faster service.