

## Inrico T522A

# User Manual for Inrico T522A 4G/LTE Network Radio

Model: T522A

## INTRODUCTION

This manual provides comprehensive instructions for the Inrico T522A 4G/LTE Network Radio. Designed for reliable communication, this device integrates 4G/LTE connectivity with Zello and ZelloWork platforms, offering long-range, clear audio transmission. Please read this manual thoroughly before operating the device to ensure proper usage and optimal performance.

## PRODUCT OVERVIEW

The Inrico T522A is a robust network radio built for demanding environments. It features a durable design, including waterproof and dustproof capabilities (IP66 rating), and supports various network functionalities for seamless communication.



Figure 1: Front view of two Inrico T522A network radios, showing the Inrico branding and T522A model number.



Figure 2: Various angles of the Inrico T522A radio, including front, side, and back views, highlighting its compact design and belt clip.

## Key Components:

- **Antenna:** For 4G/LTE signal reception.
- **Power/Volume Knob:** To turn the device on/off and adjust volume.
- **Channel/Function Knob:** For selecting channels or functions.
- **PTT (Push-to-Talk) Button:** For initiating voice transmissions.
- **Speaker/Microphone:** Integrated for audio input and output.
- **Battery Compartment:** Houses the removable battery.
- **Belt Clip:** For convenient carrying.
- **Charging Contacts:** Located at the bottom for cradle charging.

## SETUP

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### 1. Battery Installation:

1. Ensure the radio is powered off.
2. Locate the battery compartment on the back of the radio.
3. Align the battery with the contacts and gently push it into place until it clicks.
4. Secure the battery cover if applicable.



Figure 3: The Inrico T522A radio shown alongside its removable battery pack, illustrating the battery's connection points.

## 2. Charging the Battery:

Before first use, fully charge the battery.

- Place the radio into the charging cradle, ensuring the charging contacts align.
- Connect the charging cradle to a power source using the provided adapter.
- The charging indicator light will illuminate (typically red) during charging and change color (typically green) when fully charged.



Figure 4: The Inrico T522A radio securely placed in its dedicated charging cradle, ready for power replenishment.

### 3. Network Connectivity:

The T522A supports 4G/LTE and WLAN connectivity. Ensure a valid SIM card is inserted for 4G/LTE operation, or configure Wi-Fi settings for WLAN use.



Figure 5: The Inrico T522A radio depicted with "4G LTE" and Android logos, indicating its cellular and operating system capabilities.



Figure 6: The Inrico T522A radio shown with a WLAN (Wi-Fi) symbol, indicating its wireless local area network connectivity.

## OPERATING INSTRUCTIONS

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### Power On/Off:

- To power on, rotate the Power/Volume knob clockwise until you hear a click.
- To power off, rotate the Power/Volume knob counter-clockwise until you hear a click.

### Adjusting Volume:

- Rotate the Power/Volume knob clockwise to increase volume and counter-clockwise to decrease volume.

### Using Zello/ZelloWork:

The Inrico T522A is optimized for Zello and ZelloWork applications.

1. Ensure the Zello or ZelloWork application is installed and configured on the device.
2. Log in to your Zello/ZelloWork account.
3. Select the desired channel or contact.
4. Press and hold the PTT button to transmit your voice. Release the PTT button to listen.



Figure 7: Two Inrico T522A radios displayed in front of a computer monitor showing a dispatch system interface, illustrating their integration with communication platforms.

## MAINTENANCE

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- **Cleaning:** Use a soft, damp cloth to clean the exterior of the radio. Do not use harsh chemicals or abrasive cleaners.

- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Store the radio and battery in a cool, dry place when not in use for extended periods.
- **Environmental Protection:** While the radio is waterproof and dustproof (IP66), avoid prolonged exposure to extreme temperatures or direct sunlight.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery or re-install it securely.
No audio from speaker.	Volume is too low; speaker is blocked; network issue.	Increase volume; check for obstructions; verify network connection.
Cannot transmit/receive.	No network signal; Zello/ZelloWork not logged in; incorrect channel.	Check network signal strength; log into Zello/ZelloWork; select correct channel.
Poor audio quality.	Weak network signal; interference.	Move to an area with better signal; avoid sources of interference.

## SPECIFICATIONS

Feature	Detail
Brand	Inrico
Model	T522A
Connectivity	4G/LTE, WLAN
Compatible Devices	Zello, ZelloWork, 4G/LTE devices on the same frequency band, internet-capable devices
Water Resistance Level	Waterproof (IP66)
Special Features	Long Range, Waterproof, Dust Proof
Included Components	2 x Radio (as per product listing)
Color	Black

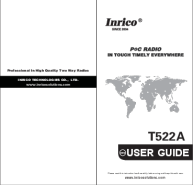

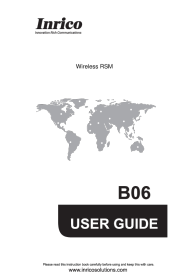

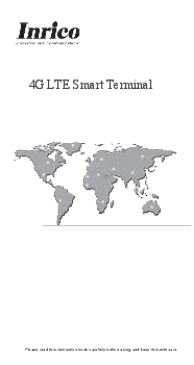
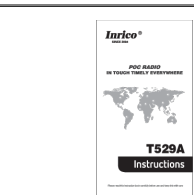
## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Inrico website or contact your authorized dealer. Keep your purchase receipt as proof of purchase.

**Manufacturer:** Inrico



Related Documents - T522A

	<p><a href="#">Inrico T522A PoC Radio User Guide</a></p> <p>This user guide provides detailed instructions for operating the Inrico T522A PoC radio, covering setup, basic functions, accessories installation, maintenance, troubleshooting, and specifications. Learn how to use your device effectively for clear communication.</p>
	<p><a href="#">Inrico IRC380 Smart Multi-Mode Radio User Guide</a></p> <p>User guide for the Inrico IRC380 Smart Multi-Mode Radio, providing essential information on setup, operation, safety precautions, and battery care for optimal performance.</p>
	<p><a href="#">Inrico B06 Wireless RSM User Guide: Features, Operation, and Specifications</a></p> <p>Comprehensive user guide for the Inrico B06 Wireless RSM. Learn about device features, handling precautions, operational procedures, specifications, and troubleshooting for this advanced communication device.</p>
	<p><a href="#">Inrico S350 5G PoC Professional Intelligent Terminal User Guide</a></p> <p>Comprehensive user guide for the Inrico S350 5G PoC professional intelligent terminal, covering setup, operation, safety, installation, features, specifications, and troubleshooting.</p>
	<p><a href="#">Inrico BC680 4G LTE Smart Terminal User Guide</a></p> <p>Comprehensive user guide for the Inrico BC680 4G LTE Smart Terminal, covering setup, operation, maintenance, troubleshooting, and specifications.</p>
	<p><a href="#">Inrico T529A POC Radio User Manual: Operation, Features, and Specifications</a></p> <p>This user manual provides comprehensive instructions for the Inrico T529A POC radio, covering unpacking, setup, basic functions, advanced features, troubleshooting, system parameters, and specifications. Learn how to operate your Inrico T529A for reliable communication.</p>

