Inrico S300

# Inrico S300 PoC Radio User Manual

Model: S300

INTRODUCTION

The Inrico S300 is a robust Push-to-Talk Over Cellular (PoC) radio designed for reliable communication across 3G, 4G, and LTE networks. It features an IP54 waterproof rating, an Android operating system, and a portable handheld design, making it suitable for various professional environments. This manual provides essential information for the proper setup, operation, and maintenance of your S300 device.

PRODUCT OVERVIEW

Key Features

- Nationwide coverage via cell towers for video, voice, and message communication.
- 3.1-inch touchscreen display with built-in antenna.
- One-Click SOS function for emergency situations.
- Dual cameras: 5MP front and 13MP rear with 170-degree wide-angle lens.
- Android operating system with 4G LTE, Wi-Fi, Bluetooth, and NFC connectivity.
- Integrated GPS, AGPS, and BDS for navigation.
- 4600mAh battery for extended operation.
- Compact dimensions: 156.8 x 75.7 x 16mm.
- IP67 rated for waterproof and dust-proof performance, tested for 1.2-meter drops.

Device Components
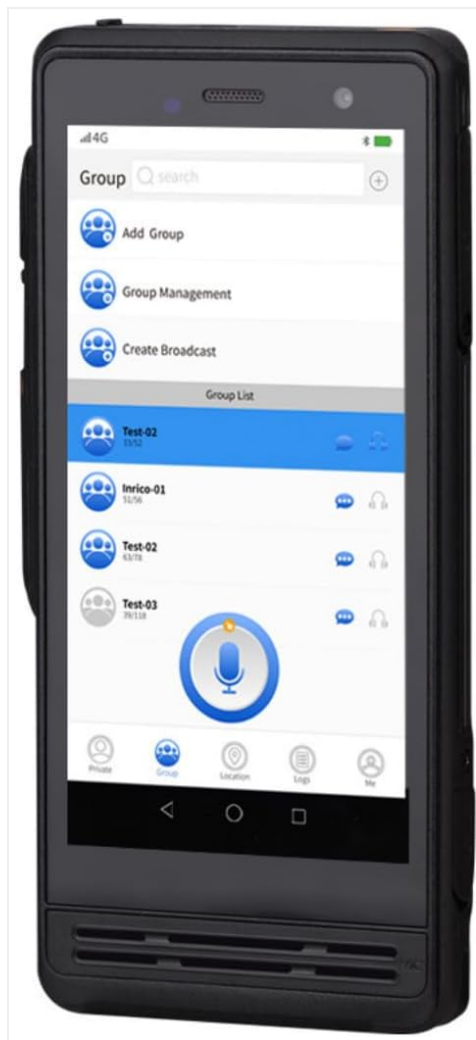
Front view of the Inrico S300, displaying the user interface with group communication options.

Side and front views illustrating the Power button, PTT button, programmable keys (F1, F2), SIM card slot, and USB port.

Top view showing the headphone jack and SOS button. Bottom view showing charging contacts.

Detail of the 5MP front camera and 13MP rear camera, highlighting their positions on the device.

SETUP

What's in the Box

- Inrico S300 PoC Radio
- User Manual
- Battery
- Lanyard

Initial Setup Steps

1. **Install SIM Card:** Locate the SIM card slot on the side of the device. Insert your activated 3G/4G LTE SIM card into the designated slot. Ensure it is correctly oriented.

2. **Install Battery:** Open the battery compartment cover on the rear of the device. Insert the provided Lithium Polymer battery, ensuring the contacts align. Close the cover securely.

3. **Charge Device:** Connect the device to a power source using the appropriate charging cable. Allow the device to fully charge before first use. The charging indicator will show the charging status.

4. **Power On:** Press and hold the Power button (located on the side) until the Inrico logo appears on the screen.

5. **Initial Configuration:** Follow the on-screen prompts to complete the initial Android setup, including language selection, Wi-Fi connection (if desired), and Google account setup (optional).

OPERATING INSTRUCTIONS

Push-to-Talk (PTT) Operation

The Inrico S300 functions primarily as a Push-to-Talk (PTT) device over cellular networks. Communication is managed through dedicated PoC applications.

1. **Access PoC Application:** From the home screen, tap on the installed PoC application (e.g., Inrico App, Zello).
2. **Select Group/Contact:** Within the application, navigate to the desired group or individual contact you wish to communicate with.
3. **Initiate Talk:** Press and hold the dedicated PTT button on the side of the device. Speak clearly into the microphone. Release the PTT button when you have finished speaking to listen for a response.
4. **Receive Communication:** When another user is transmitting, the device will automatically play their audio.

SOS Function

The S300 includes a dedicated SOS button for emergency situations.

- **Activate SOS:** Press and hold the orange SOS button (located on the top of the device) for a few seconds.
- **Emergency Alert:** This action will trigger a pre-configured emergency alert, which may include sending your location, an audio message, or initiating a call to designated contacts or a dispatch center, depending on the PoC application's settings.

Camera Usage

The device is equipped with front (5MP) and rear (13MP) cameras for capturing images and videos.

- **Access Camera:** Open the camera application from the app drawer.
- **Capture Media:** Use the on-screen controls to switch between front and rear cameras, take photos, or record videos.

Programmable Keys (F1, F2)

The F1 and F2 keys on the side of the device can be customized through the Inrico App or other compatible PoC applications to perform specific functions, such as quick access to contacts, groups, or other features.

MAINTENANCE

Cleaning

- Use a soft, damp cloth to clean the exterior of the device.
- Do not use harsh chemicals, solvents, or abrasive cleaners.
- Ensure all port covers are securely closed before cleaning, especially if using a damp cloth, to maintain IP67 rating.

Battery Care

- Charge the battery regularly, avoiding complete discharge when possible.
- Do not expose the battery to extreme temperatures.
- If the device will not be used for an extended period, store it with a partial charge (around 50%) in a cool, dry place.

Water and Dust Resistance (IP67)

The Inrico S300 is IP67 rated, meaning it is protected from dust ingress and can withstand immersion in water up to 1 meter for 30 minutes. To maintain this rating:

- Ensure all port covers (USB, headphone jack) and the battery compartment cover are firmly sealed before exposing the device to water or dusty environments.

- Do not intentionally submerge the device beyond the specified depth or duration.
- If the device gets wet, dry it thoroughly before opening any covers or charging.

The Inrico S300 demonstrating its IP67 water and dust resistance, suitable for harsh environments.

TROUBLESHOOTING

| Problem	Possible Cause	Solution
Device does not power on.	Low battery; Battery not installed correctly; Software issue.	Charge the device for at least 30 minutes. Ensure battery is properly seated. Perform a forced restart (refer to device support for specific key combinations).
No network signal.	Out of network coverage; SIM card issue; Network settings.	Move to an area with better cellular coverage. Check if the SIM card is properly inserted and activated. Verify APN settings in Android network settings.
Cannot transmit/receive PTT.	No network connection; PoC application not running; Incorrect group selected; Microphone/speaker issue.	Ensure device has active cellular data. Open and log into the PoC application. Confirm the correct group or contact is selected. Check microphone and speaker for obstructions.
Touchscreen unresponsive.	Temporary software glitch; Screen damage.	Restart the device. If the issue persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	S300
Network Compatibility	2G/3G/4G/WLAN
Operating System	Android

Feature	Detail
Display	5.0-inch intelligent touch display
Front Camera	5MP
Rear Camera	13MP
Water Resistance	IP67 (Waterproof and Dust-proof)
Drop Resistance	1.2 Meters (MIL-STD 810G)
Battery Capacity	4600mAh Lithium Polymer
Dimensions (L x W x H)	156.8 x 75.7 x 16mm (0.63 x 2.98 x 0.63 inches)
Weight	1.1 pounds
Navigation	GPS, AGPS, BDS
Connectivity	Wi-Fi, Bluetooth, NFC

APPLICATION SCENARIOS

The Inrico S300 PoC radio is versatile and suitable for a wide range of professional applications requiring reliable and wide-area communication.
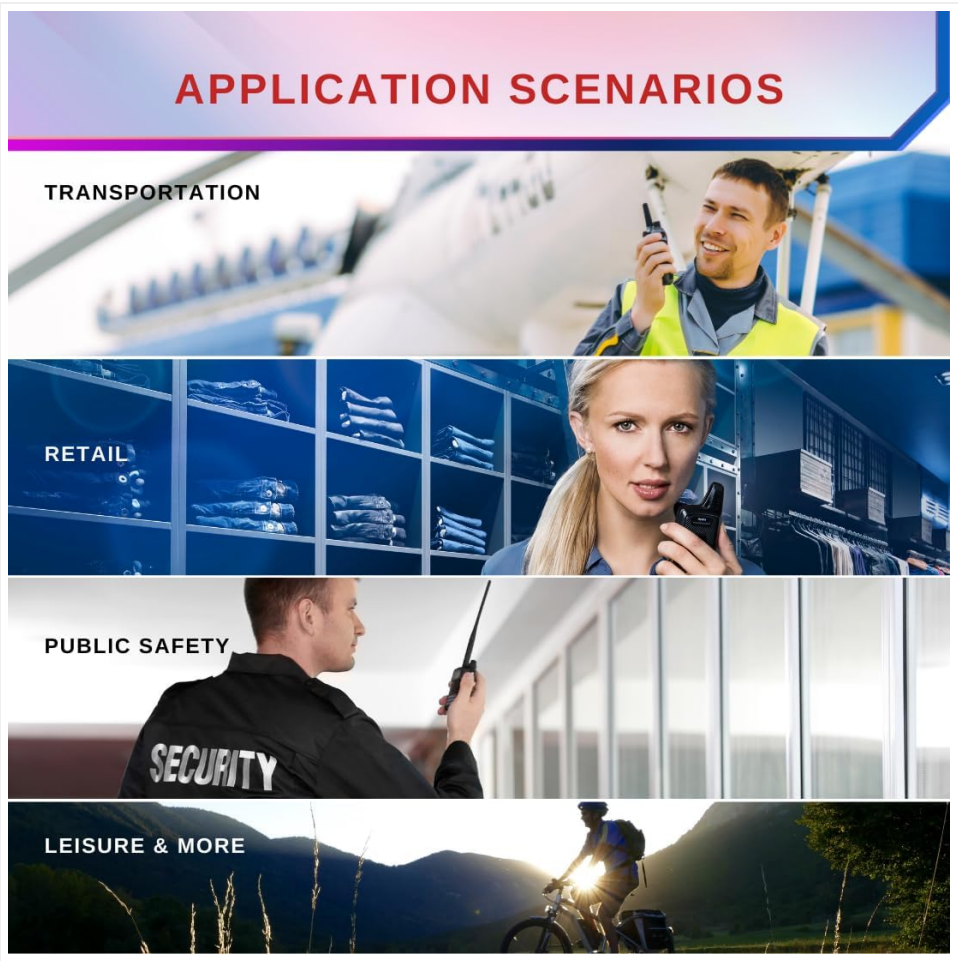
Examples of environments where the Inrico S300 can be effectively utilized, such as transportation, retail, public safety, and outdoor activities.

- **Transportation:** Ideal for logistics, fleet management, and delivery services, enabling real-time communication across large areas.
- **Retail:** Enhances coordination among staff in large stores or multiple locations.
- **Public Safety:** Supports communication for security personnel, event management, and emergency response teams.
- **Construction & Industrial:** Durable design suitable for rugged environments, facilitating communication on job sites.
- **Leisure & Outdoor Activities:** Provides reliable communication for groups engaged in hiking, cycling, or other outdoor pursuits where cellular coverage is available.

WARRANTY AND SUPPORT

Manufacturer's Warranty

The Inrico S300 comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.
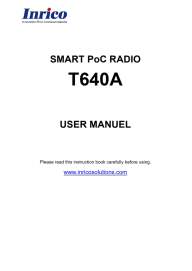
Customer Support
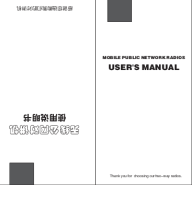
For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Inrico customer support through their official website or the contact information provided with your purchase documentation.

Related Documents - S300

[Inrico T310 Dual Band 4G PoC Radio Instructions](#)
Comprehensive instructions and specifications for the Inrico T310 Dual Band 4G PoC Radio. This user manual covers setup, operation, battery usage, network connectivity, application management, troubleshooting, and FCC compliance for the Inrico T310 push-to-talk device.

[Inrico S300 POC Radio User Manual](#)
User manual for the Inrico S300 POC Radio, providing instructions on accessory installation, radio overview, functions, system parameters, safety information, and FCC compliance.

	Inrico T330 Rugged PoC Radio User Guide Comprehensive user guide for the Inrico T330 Rugged PoC Radio, covering setup, operation, battery care, handling precautions, troubleshooting, and FCC compliance information.
	Inrico S200 POC Radio User Manual | Instructions and Specifications Comprehensive user manual for the Inrico S200 POC Radio. Includes setup, operation, functions, specifications, and safety guidelines for this two-way communication device.
	Inrico T320 Intelligent Two Way Radio User's Manual Comprehensive user's manual for the Inrico T320 Intelligent Two Way Radio, detailing setup, operation, functions, and safety guidelines.
	Inrico T640A SMART PoC RADIO User Manual User manual for the Inrico T640A SMART PoC RADIO, detailing its features, operation, installation, troubleshooting, and specifications. Learn how to set up and use your PoC radio effectively.