

## Inrico S100

# Inrico S100 4G POC Radio User Manual

Model: S100 | Brand: Inrico

## 1. INTRODUCTION

The Inrico S100 is a robust 4G Push-to-Talk (PoC) radio designed for professional communication across 2G/3G/4G/WLAN networks. Featuring a 2.8-inch screen, compact design, and essential functions like GPS, Bluetooth, and SOS, it provides reliable and clear voice communication for various applications.



Figure 1.1: Inrico S100 4G POC Radio

## 2. PACKAGE CONTENTS

Please check the box for the following items:

- Inrico S100 Handheld POC Radio
- Battery (4000 mAh Lithium Ion)
- User Manual

- Micro USB Charging Cable
- Belt Clip
- Lanyard
- Assembly Kit (screwdriver, screws)



Figure 2.1: Inrico S100 Package Contents

### 3. PRODUCT FEATURES

The Inrico S100 is equipped with a range of features to enhance communication and usability:

- **4G PoC Radio:** Operates across 2G/3G/4G/WLAN networks for global communication.
- **2.8-inch HD Display:** Clear screen with touchscreen capabilities.
- **Android 8.1 Operating System:** Provides a familiar and flexible user interface.
- **GPS/AGPS/Beidou Navigation:** For precise location tracking.
- **Bluetooth Connectivity:** For wireless accessories.

- **SOS Function:** Dedicated button for emergency alerts.
- **Dual Cameras:** Front 2.0MP and Rear 13.0MP for image and video capture.
- **Loud and Clear Audio:** Features a 036mm large speaker with noise cancellation.
- **IP67 Waterproof Rating:** Durable and resistant to dust and water immersion.
- **4000 mAh Battery:** Offers up to 21 hours talk time and 25 hours standby.
- **Programmable Buttons:** All buttons can be customized via the Inrico App.



Figure 3.1: Key Features Overview

## INRICO S100 4G LTE POC RADIO

2.8 inch HD display with resolution  
reaching 320x240



Figure 3.2: 2.8-inch HD Display



## INRICO 5100 4G LTE POC RADIO

4000 mAh battery  
with operation hours of  
up to 21 hours at the  
duty cycle of 5/5/90



Figure 3.3: 4000 mAh Battery

## INRICO S100 4G LTE POC RADIO



Figure 3.4: Loud Speaker

## 4. SETUP

### 4.1 Battery Installation

1. Locate the battery compartment on the back of the radio.
2. Slide the battery lock (refer to Figure 4.1) to the unlocked position.
3. Insert the 4000 mAh Lithium Ion battery, ensuring the contacts align correctly.
4. Slide the battery lock back to the locked position to secure the battery.

### 4.2 SIM Card Installation

The Inrico S100 supports 4G network connectivity. Insert your Nano-SIM card into the designated slot, typically located under the battery or on the side of the device. Ensure the SIM card is inserted with the correct orientation.

### 4.3 Initial Charging

Before first use, fully charge the device. Connect the Micro USB charging cable to the charging port on the side of the radio and plug the other end into a power adapter. The charging indicator will show the charging status.

#### 4.4 Powering On/Off

- **Power On:** Press and hold the Power button (usually on the side or top) until the screen illuminates.
- **Power Off:** Press and hold the Power button until a power-off menu appears. Select 'Power Off' to shut down the device.



Figure 4.1: Inrico S100 Ports and Controls

## 5. OPERATING INSTRUCTIONS

### 5.1 Push-to-Talk (PTT) Operation

The dedicated PTT button on the side of the radio allows for instant communication:

1. Select the desired contact or group on the display.
2. Press and hold the PTT button to transmit your voice.



3. Release the PTT button to listen for replies.

## 5.2 Navigation and Menu

Navigate the device using the physical keypad and the 2.8-inch touchscreen. The Android 8.1 operating system provides a familiar interface for accessing applications, settings, and contacts.

## 5.3 Making and Receiving Calls

The Inrico S100 supports group calls, private calls, and dispatch center communication. Use the on-screen interface to initiate or answer calls.

## 5.4 SOS Function

In an emergency, press the dedicated SOS button. This will send an alert to pre-configured contacts or a dispatch center, often including your current GPS location.

## 5.5 GPS and Location Sharing

Utilize the built-in GPS, AGPS, and Beidou navigation for accurate location services. The device supports location sharing with other users or a central dispatch system.

## 5.6 Camera Usage

The radio features a 2.0MP front camera and a 13.0MP rear camera. Access the camera application from the main menu to capture photos or videos as needed for documentation or communication.

# 6. MAINTENANCE

## 6.1 Cleaning

To clean the device, use a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the screen or casing. Ensure all ports are closed before cleaning to maintain the IP67 rating.

## 6.2 Battery Care

- Charge the battery regularly, but avoid overcharging or completely draining it to prolong its lifespan.
- Store the device and battery in a cool, dry place when not in use.
- If the battery performance significantly degrades, consider replacing it with an official Inrico battery.

## 6.3 Water and Dust Resistance (IP67)

The Inrico S100 is rated IP67, meaning it is protected from dust ingress and can withstand immersion in water up to 1 meter for 30 minutes. Ensure all port covers are securely closed to maintain this protection.

# 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device does not power on	Low battery; Battery not installed correctly; Software issue	Charge the battery; Reinstall battery; Perform a soft reset (hold power button for 10 seconds)
No network signal	Out of network coverage; SIM card not installed or faulty; Network settings incorrect	Move to an area with better coverage; Reinstall SIM card; Check network settings in Android OS
Poor audio quality	Speaker/microphone obstructed; Low network signal; Volume too low	Clean speaker/microphone; Move to an area with better signal; Adjust volume settings
GPS not working	GPS disabled; Poor satellite reception	Enable GPS in settings; Move to an open area away from obstructions

## 8. SPECIFICATIONS

Feature	Specification
Brand	Inrico
Model Name	S100
Operating System	Android 8.1
Chipset	MT 6739
Display Size	2.8 Inches
Display Type	LCD
Front Camera	2.0 MP
Rear Camera	13.0 MP
Battery Capacity	4000 mAh Lithium Ion
Talk Time	21 Hours
Standby Time	25 Hours
Dimensions	129.2 x 67.5 x 26mm
Weight	481 g
IP Rating	IP67
Navigation	GPS, AGPS, Beidou
Connectivity	4G, Bluetooth
Certifications	FCC, CE, RoHS





## 9. WARRANTY AND SUPPORT



Inrico products typically come with a standard manufacturer's warranty. Please refer to the warranty card included in your package or contact Inrico customer support for specific details regarding warranty coverage and service.

For technical support, troubleshooting assistance, or inquiries about your Inrico S100, please visit the official Inrico website or contact their customer service department. Keep your purchase receipt and product serial number handy when seeking support.

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### Related Documents - S100

	<p><a href="#">Inrico IRC590 SMART PoC Radio User Guide   Features &amp; Operation</a></p> <p>This user guide provides comprehensive instructions for the Inrico IRC590 SMART PoC Radio. Learn about setup, features, operation, maintenance, safety, and troubleshooting for this professional two-way communication device from Inrico.</p>
	<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 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>
	<p><a href="#">Inrico T330 Rugged PoC Radio User Guide</a></p> <p>Comprehensive user guide for the Inrico T330 Rugged PoC Radio, covering setup, operation, battery care, handling precautions, troubleshooting, and FCC compliance information.</p>

 <p>The image shows the cover of the Inrico S200 POC Radio User Manual. It features the Inrico logo at the top, followed by the text 'POC RADIO IN THICKLY FORESTED ENVIRONMENTS'. Below this is a world map graphic. At the bottom, it says 'S200 Instructions'.</p>	<p><a href="#">Inrico S200 POC Radio User Manual   Instructions and Specifications</a></p> <p>Comprehensive user manual for the Inrico S200 POC Radio. Includes setup, operation, functions, specifications, and safety guidelines for this two-way communication device.</p>
 <p>The image shows the cover of the Inrico T640A SMART PoC RADIO User Manual. It features the Inrico logo at the top, followed by the text 'SMART PoC RADIO T640A USER MANUEL'. At the bottom, it says 'Please read this instruction book carefully before using' and 'www.inricoradio.com'.</p>	<p><a href="#">Inrico T640A SMART PoC RADIO User Manual</a></p> <p>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.</p>