

# ***Inrico***

*Innovation Rich Communications*

## **Wireless RSM**



# **B05**

## **USER GUIDE**

Please read this instruction book carefully before using and keep this with care.

[www.inricosolutions.com](http://www.inricosolutions.com)

## ***Notes Before Using***

Please read the following content carefully. It is very important for radio users to gain general knowledge and risks.

- Do not use the device or charging the battery in any hazardous areas such as gas, dust, steam, etc.
- Please turn off the device while refueling or parking at the gas station.
- Do not disassemble your radio.
- Avoid prolonged time in the sun or placing it near heating appliance.
- Avoid excessive exposure to the extreme dusty, damp and splashing place, or leave it on unstable surface.
- Reparation by professional technicians, do not disassemble by yourself.

## ***Disclaimer***

Inrico reserves the right to modify product design and specifications. Inrico assumes no responsibility in the event of printing errors. All specifications are subject to change without notice.

## **Contents**

Unpacking and Device Checking.....	01
Handling Precautions.....	02
Battery Care.....	03
Fully Charge Battery Before Initial Use.....	03
Properly Store Batteries.....	03
Features of Lithium Battery .....	03
Clean and Maintenance.....	04
Product Overview.....	05
Function Sheet.....	07
Accessories Installation.....	08
Attaching the Battery.....	08
Attaching the Battery Cover.....	09
Install/Remove the belt clip.....	09
Install Hand Strip.....	10
Status Indicators.....	11
Function Operation.....	11
Simple Troubleshooting.....	12
Specification.....	13

## ***Unpacking and Device Checking***

Please unpack and take out the device and all accessories carefully, and ensure all lists have been gotten before discarding the cardboard box. If any items are lost or damaged in transit, please contact with our distributors.

### ***Accessories***

Items	Number
Wireless RSM	1
Lithium Battery	1
Power Adaptor	1
USB Charging Cable	1
Belt Clip	1
Hand Strip	1
QR Code Manual	1

## ***Handling Precautions***

- Do not overcharge the battery

Please stop charging if it can't be fully charged within required time. The battery probably overheats, smokes, bursts or suddenly be on fire due to abnormal charging process. When fully charged or not charged, please disconnect the charger and unplug it from the power outlet.

- Do not discard battery in a microwave or high pressure container.

The battery probably overheats, smokes, bursts or suddenly be on fire.

- Do not expose damaged battery near any fire.

If the battery is broken, leaking or has an abnormal odor, please remove it from flammable areas immediately. The fluid in the battery is flammable, which may cause smoke and fire.

- Do not use abnormal battery

If the battery is with odd smelly, discolored, deformed, etc., please stop charging or disassemble from the device immediately.

- Please use authorized power adaptor

To comply with warranty terms and avoid damages, charge the battery using a specified charger for best performance.

- Please do not charge at high or low temperature

# ***Battery Care***

## Fully Charge Battery Before Initial Use

- Do preserve battery life by switching off a device and removing the batteries when it's not being used, and is not expected to be used for extended periods of time.
- Do practice proper battery storage by keeping batteries in a cool, dry place at normal room temperature.

## Properly Store Batteries

- Remove the battery from the device.
- Charge and discharge the battery to 40%-65% if it will not be used for 10 days or more. This can greatly extend the battery life.
- The battery should drop below 65% when it is idle for more than 10 days to prevent it from swelling.
- Store the battery in cool and dry environment that's less than 25°C.

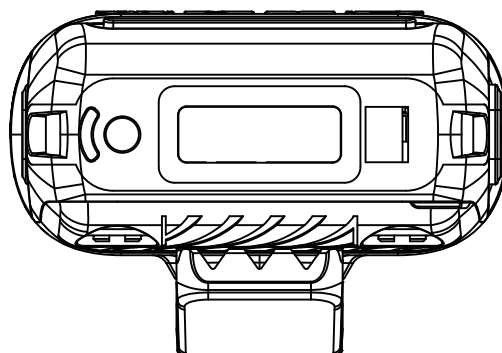
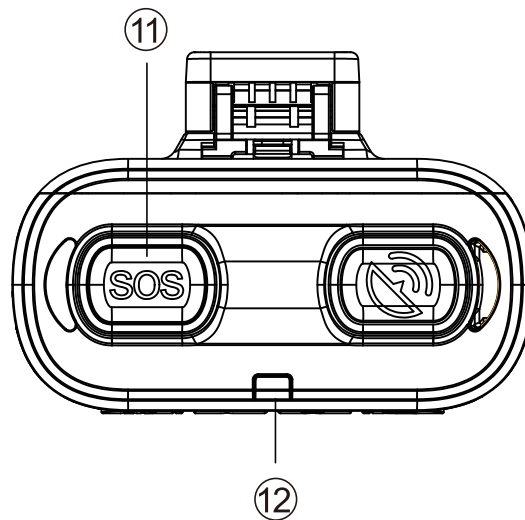
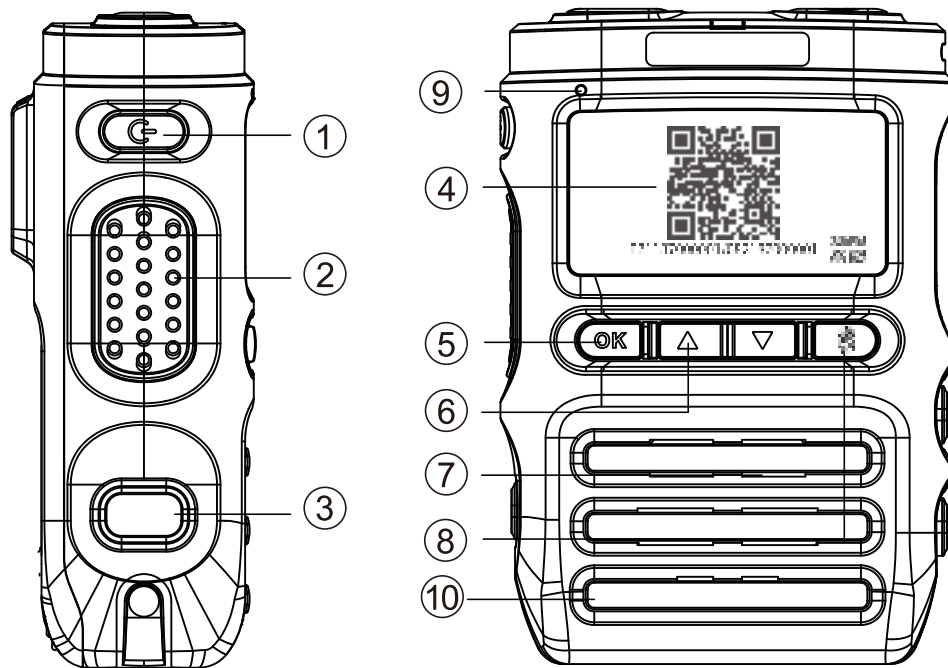
## Features of Lithium Battery

- Battery capacity will reduce after multiple charging cycles.
- The battery capacity drops gradually even without being used.
- Longer charging time is required in shady place.
- Charging and storing lithium battery in warm condition will short its lifespan. Please do not leave them inside the vehicle or near the heater.
- If the battery working time has reduced significantly, please replace the battery immediately in avoidance of fluid leakage.

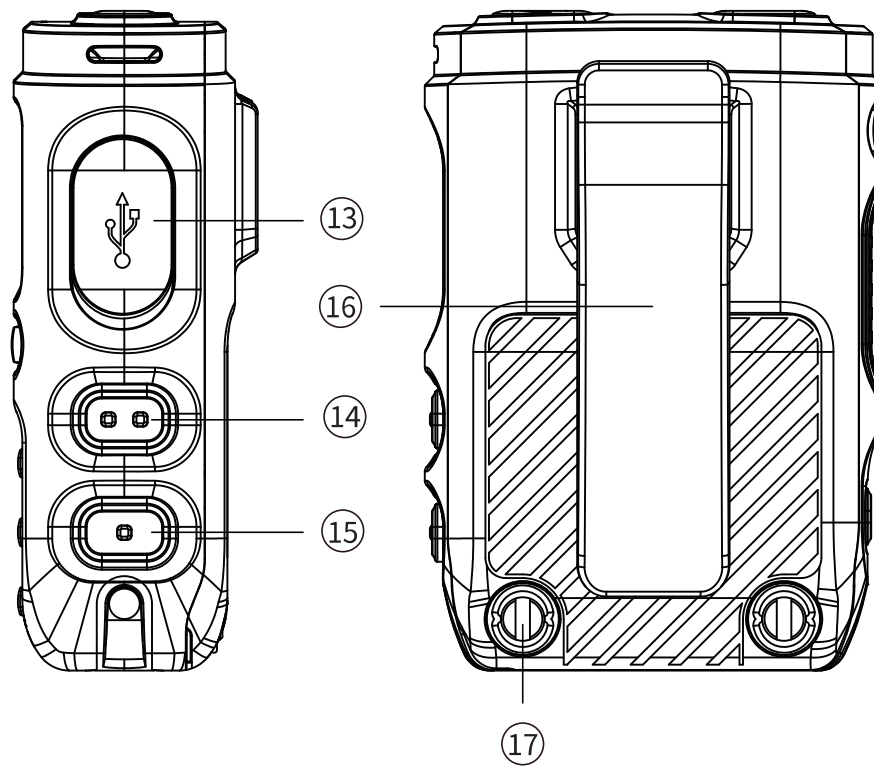
## Clean and Maintenance

- Before cleaning and maintaining the device: please stop running, turn off the device, and disconnect all connections with other equipment.
- When you do not use the radio, please cover the accessories connector.
- When cleaning the dust, please use soft brush and neutral detergent (no strong corrosive chemicals) to wipe it.
- Please keep the equipment and accessories dry.
- Please do not use the microwave oven or hair dryer or other heating devices to dry them.

# Product Overview







1	Power button	10	Speaker
2	PTT button	11	SOS button
3	Customizable button F1	12	Indicator
4	QR code lense	13	USB port
5	OK	14	Volume +
6	Page up button	15	Volume -
7	Page down button	16	Belt clip
8	Disconnect/Reconnect button	17	Battery cover screw
9	MIC		

# Functions Sheet

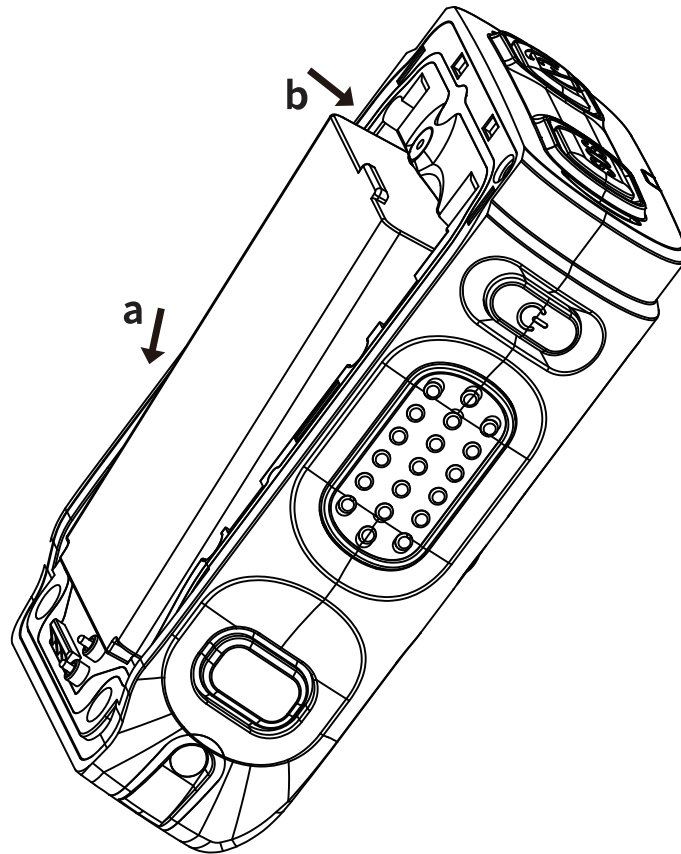
Number	Button Name	Function	
1	Power button	Power on	Press and hold for 2 seconds in power off state
		Power off	Press and hold for 2 seconds in power on state
		Music pause/play	Short press to pause music playback, short press again to continue playing
		Answer calls	Short press once to answer an incoming call
		Hang up calls	Short press once to hang up in call status
		Reject calls	Short press twice in succession during an incoming call
2	PTT button	Push to talk	
3	Customizable button F1	Short press: Customize Long press: Customize	
5	OK button (Customizable)	Short press: Customize Long press: Customize	
6	Up button (Customizable)	Short press: Customize Long press: Customize	
7	Down button (Customizable)	Short press: Customize Long press: Customize	
8	Disconnect/Reconnect button	Short press: Reconnect the last connected device Long press: Disconnect current Bluetooth connection	
11	SOS	Short press: Customize Long press: Customize	
14	Volume +	Short press: Customize Long press: Customize	
15	Volume -	Short press: Customize Long press: Customize	

Note: PTT intercom cannot be enabled when using the shoulder microphone key to connect to PC data, and reception is not affected

# Accessories Installation

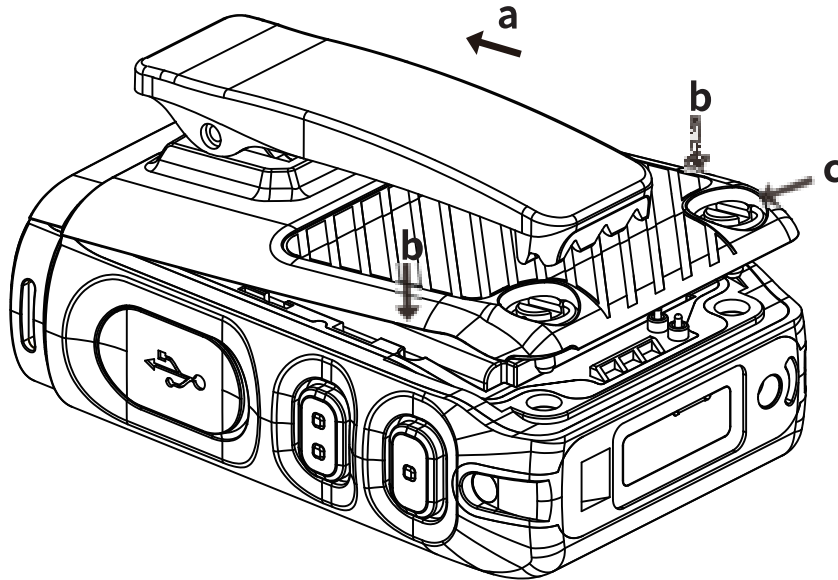
## 1. Attaching the Battery

- (a) Align the electrical contact of the battery with the bottom rails.
- (b) Press the battery firmly, make sure the electrical connection touch with the bottom.



## 2. Attaching the Battery Cover

- (a) Close the battery cover
- (b) Press the two layer battery cover
- (c) Fasten the two screws

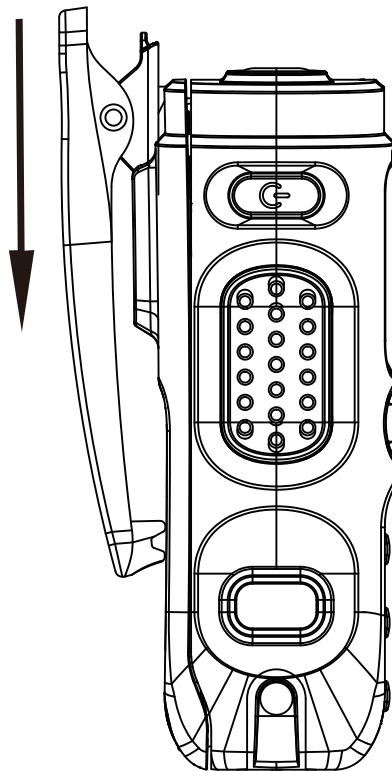


## 3. Install the belt clip

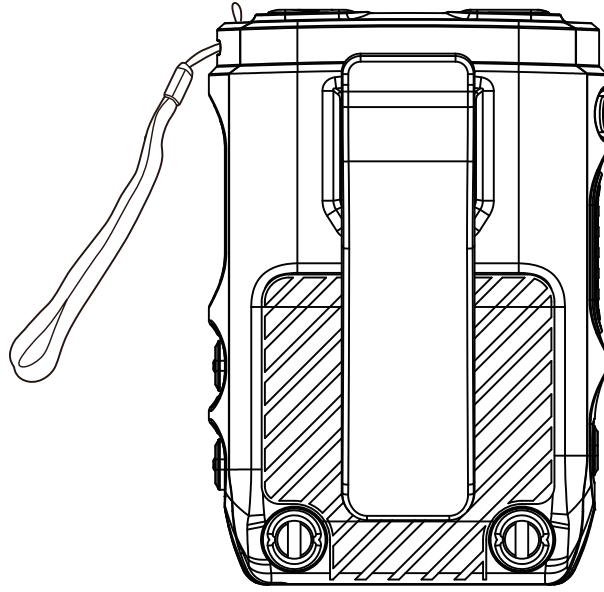
Push the belt clip along the "T" slot to the bottom.

Remove the belt clip

Lift the buckle and pull the belt clip upward.



#### 4. Install Hand Strip



## Status Indicators

Working Status	Led Indicator
Power on	Green light
Power off	Red light
Charging	Solid Red
Fully charged	Solid Green
Transmitting	Solid Red
Bluetooth pending pairing	Green Flash
Low Power	Red Flash

## Function Operation

### 1. Call Handling

When there is an incoming call to the RSM, short press the on/off button to answer the call when the shoulder microphone is connected.

### 2. Reject Calls

When the RSM has an incoming call, double press the switch button to reject the call.

### 3. Hang up Calls

Click the on/off button to hang up while on a call.

### 4. Music Pause/Play

When the RSM connected device plays music, short press the on/off button to play or pause.

### 5. Standby

When the RSM is in the pending pairing state, after 15 minutes without connecting Bluetooth, the system will automatically shut down.

### 6. PTT Function

RSM support terminal equipment intercom software, terminal equipment and RSM Bluetooth connection can achieve PTT function through the PTT button.

### 7. NFC Connection

When the RSM is in the state of pending pairing, use the relevant NFC device to perform NFC sensing and Bluetooth connection.

### 8. Body QR Code

Information can be read using related device scanning

# Simple Troubleshooting

Problems	Solutions
Unable to Power On	<ul style="list-style-type: none"> <li>• The battery may be incorrectly installed. Re-install the battery.</li> <li>• The battery may be out of power. Charge or replace the battery.</li> <li>• The battery may be in poor contact due to dirt or damage. Clean the electrical contact or replace it.</li> </ul>
Terminal Crash	<ul style="list-style-type: none"> <li>• Due to high-strength radio frequency interference, such as being close to high-power TV transmission towers, GSM base stations or airports</li> </ul>
Buttons Not Working	<ul style="list-style-type: none"> <li>• The buttons may not work temporarily, restart the terminal.</li> <li>• The buttons are broken, contact the dealer or our company.</li> </ul>
Echo or Noise During Connecting	<ul style="list-style-type: none"> <li>• The speaker may be covered, clean the speaker surface.</li> </ul>
Shorter Standby Time	<ul style="list-style-type: none"> <li>• The battery life becomes shorter in high temperature environment. Replace a new qualified battery.</li> <li>• Power consumption increased in areas with weak signal. Please temporarily turn off the device.</li> </ul>
Can't Connect to Bluetooth	<ul style="list-style-type: none"> <li>• The device cannot work properly or cannot be used. Please confirm whether the device is turned on.</li> <li>• Confirm whether the device and terminal are paired successfully.</li> </ul>
Disconnected from Terminal Device	<ul style="list-style-type: none"> <li>• Check whether the battery is too low and whether the distance between the microphone and the terminal device is within 10 meters, Or whether there are dry shielding obstacles in the middle, etc.</li> </ul>

## Specification

Adaptation	Android, iOS
Bluetooth Version	BT 5.1
Bluetooth Protocol	HFP HSP A2DP AVRCP SPP BLE
Wireless Transmission Range	>10m
Headset	TYPE-C, Supports air duct headphones
Battery	3500mAh
Dimension	90.9x63x30.5mm(without antenna and belt clip)
Weight	≈192g
Working Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 70°C



Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### ***IMPORTANT NOTE:***

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

For CE

<b>Manufacturer Information:</b>	Inrico Technologies Co.,Ltd.
	A1703, Shenzhen National Engineering Laboratory Building, No. 20 Gaoxin South 7th Road,Shenzhen,China
<b>Transmitter Frequency:</b>	BT: 2402-2480MHz BLE: 2402-2480MHz
<b>Receiver Frequency:</b>	BT: 2402-2480MHz BLE: 2402-2480MHz NFC: 13.56MHz
<b>RF-Output Power : ERP/EIRP/Conducted</b>	BT: 8.58dBm BLE: 7.95dBm