



# Inrico IRC590 4G PoC Radio

## Terminal Default Buttons using iConvNet PTT App



version 8.1

### Guide

- Short press
- Long press
- Rotate



## Tested Accessories



**SPM-T6**  
Inrico Value Speaker Microphone



**RSM-300-M3**  
Wirox Inrico Universal Speaker Microphone



**EM-3229A-M3/SC/1W**  
Wirox Inrico Universal D-Shape 1 Wire Earpiece



**B01**  
Inrico Bluetooth Microphone



**BP01**  
Inrico Bluetooth PTT Button



**Please note:** Inrico PoC radios offer programmable buttons, allowing customization for different functions and requirements through the iConvNet PTT App. Keep in mind that the button configurations may vary when using alternative apps.

## Connection

<b>Canada and US Version</b>	GSM: B2, B3, B5, B8 WCDMA: B2/B4/B5 TDD-LTE: B38/B41 FDD-LTE: B1/B2/B4/B5/B7/B12/ B13/B17/B25/B26/B28A&B/B66/B71
<b>Wi-Fi</b>	802.11 a/b/g/n 2.4G & 5G
<b>Bluetooth</b>	BT4.2
<b>Navigation</b>	GPS

## Hardware

<b>CPU</b>	MT6739V/CW
<b>RAM + ROM</b>	1GB + 8GB
<b>Expand Memory</b>	Optional, up to 32G
<b>Card Slot</b>	Dual Micro SIM Card+ TF Card
<b>USB Port</b>	Type-C
<b>Interface</b>	M3
<b>Screen Size</b>	1.08 Inch, TFT LCD
<b>Camera</b>	Front Camera 8.0MP
<b>Speaker</b>	Ø40mm, 2W
<b>Microphone</b>	Main MIC + Sub MIC
<b>Battery</b>	6400mAh
<b>Working Times</b>	30 Hours (5/5/90 Standard Test)
<b>Standby Times</b>	47 Hours
<b>Dimension (H*W*D)</b>	172.8 x 76.3 x 50.7mm (without antenna and belt clip)
<b>Weight</b>	≈408g
<b>Working Temp.</b>	-10°C ~ 55°C
<b>Storage Temp.</b>	-20°C ~ 70°C
<b>OTG</b>	Support via the M3 interface

## Certification

<b>Ingress Protection</b>	IP68
<b>Drop</b>	1.5 Meter
<b>Certification</b>	CE/FCC/MIL-STD 810H