

IRC 380 | PoC and DMR Smart Multi Mode Radio



Default button features when using iConvNet PTT app

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|--|---------------------------------|
| 1 Panel cover for speaker microphone port. Unscrew, then attach speaker microphone. | 8 Dial button |
| 2 USB Type-C charging port | 9 Rotate to switch group |
| 3 Rear camera and front camera | 10 Rotate for volume |
| 4 2nd PTT button: PTT to DMR (programming required). | 11 Touchscreen |
| 5 1st PTT button: PTT PoC | 12 Menu |
| 6 Short press: PoC/DMR mode switch
Long press: Dual transmitting mode switch | 13 Return |
| 7 Short press: Enter recording playback mode
Long press: Listen for current operating mode | 14 Power on/off |
| | 15 SOS button |



Please note: Inrico PoC radios perform optimally with the iConvNet PTT app. The iConvNet PTT app allows for easy button customization to suit various functions and requirements. Be aware that button configuration may differ when using other PTT apps. [Learn more: inrico.ca/ptt-app](https://inrico.ca/ptt-app)

Standard Accessories



Optional Accessories



Use "Universal" cables

Connection

Frequencies	2G:	B2/ B3/ B5/ B8
	3G:	B1/ B2/ B4/ B5/ B8
	4G-FDD:	B1/ B2/ B3/ B4/ B5/ B7/ B8/ B12/ B17/ B20/ B26/ B28/ B66
	4G-TDD:	B38/ B39/ B40/ 41
Wi-Fi	IEEE 802.11 a/b/g/n/ac/k/v/r, 2.4G/5G	
Bluetooth	BLE 5.0	
NFC	Supported	
Navigation	GPS, GLONASS, AGP	

DMR

Frequency Range	UHF:	400-480MHz
	VHF:	136-174MHz
Channel Capacity	2048	
Channel Spacing	25KHz/12.5KHz	
Power Output	UHF: High Power 4W/ Low Power 1W; VHF: 5W	
Receiver Sensitivity	≤-123dB	
DMR Encryption	ARC4 / AES128 / AES25	
License Agreement	Tier II	

Certification

Ingress Protection	IP68
Certification	CE/FCC/MIL-STD-810H/GMS

Hardware

RAM+ROM	2GB+16GB
Memory	Expandable up to 32GB
Card Slot	Dual SIM Card+ TF Card
Interface	M6
OTG	Supported via the M6 interface
Screen	2.4 Inches, 480 x 640
Camera	Front camera 5.0MP; Rear camera 13.0MP, ultra-wide angle 120°
Speaker	Ø36mm waterproof speaker, 8Ω 3W
Microphone	Master-microphone + Slave-microphone + Noise-cancelling microphone
Battery	3100 mAh
Weight	388g
Dimension	162.3 x 61x 34.5mm (Without Belt Clip & Antenna)
Working Temperature	-20°C ~ 60°C
Storage Temperature	-40°C ~ 85°C
OS	
Operating System	Android 10

Drop	1.5 Meters
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