

# mobiRADIO

The hybrid VOIP & “Walkie Talkie”  
field communication device.  
Communicate over UHF/VHF radio  
frequencies using your smartphone.

**mobiRADIO enables communication between smartphones and  
conventional walkie talkies, bridging the gap between  
communication technologies.**



## Digital Radio Bridge

Enables voice communication across digital connections (5G / LTE / WiFi) using VoIP as well as standard radio communications across UHF and VHF radios.



## Offline / Online modes

Switch between communications using VoIP and mobile data networks or to off-line PTT radio communications within a 2 km distance.



## Smartphone Compatibility

mobiRADIO is compatible with most commercial Android smartphones using either a microUSB and USB-C connector.



## Ruggedized & Waterproof

mobiRADIO is made for field use. This includes drops, gloves, sweat, rain, and everything else that goes with it.



# Specifications

## General

Dimensions	34 × 158 × 78 mm
Weight	97 grams

## Radio Interface

VHF Frequencies	134 – 174 MHz
UHF Frequencies	410-470MHz
Number of channels	8
Channel type	Analog and Digital
Output power	Minimum 0.5W

## Connections

Interface	Micro-USB
Charging Port	USB-C

## Device Compatibility

Operating System	Android
Compatible devices	Length: 144-160mm, Width: 72-80mm
Connection	For interface Micro-USB & charging via USB-C

## Others

IP Rating	IP44 (splash proof)
Operating Temperature	-20° C to 60° C
Storage Temperature	-20° C to 60° C
Humidity	8% to 90% RH (Relative Humidity)