

## FREQUENTLY ASKED QUESTIONS:

### How do I know if the radio is off?

After 10 seconds of inactivity, the radio enters standby mode and the screen goes dark. The radio is not off! To fully turn off the device, hold the power button until you hear the double beep.

### What are privacy codes?

Activating a privacy code (also called a sub-channel) will filter out transmissions from other radios that are not using the same privacy code. A channel has a privacy code enabled if it shows CT or DCS on the screen.

### How do I know if the radio is fully charged?

There is a small indicator light near the charging port on the radio. It will light up red while charging and change to green when the battery is fully charged.

### What are High and Low power modes?

The device has two options for transmission power: High (2W) and Low (0.5W). High power will improve range and audio quality in some situations. The active power setting is indicated on the screen as *H* or *L*.

### Why won't my radio transmit?

When the battery is under 15%, the radio will prevent you from transmitting in order to protect the battery. The radio can still receive transmissions.

### What is the SCAN function?

The SCAN function cycles through channels 1 to 22 until an active transmission is found. Use this to find other radio users in your area. Press any button to stop scanning.

For more information, visit [RockyTalkie.com/manual](http://RockyTalkie.com/manual) or email [support@rockytalkie.com](mailto:support@rockytalkie.com)

## CONNECT TO OTHER RADIOS:

The Rocky Talkie is compatible with other brands of FRS radios. Follow these simple steps for connecting to another radio:

1. Start by matching the channel (use channels 1 through 22 on the Rocky Talkie).
2. Match the privacy codes on both radios (see inside for how to alter the Rocky Talkie privacy code).

Some radios do not conform to the 22 standard FRS channels. To connect to these radios, try reviewing their user manual and use the chart below to match the frequencies for a given channel.

Channel	Frequency (MHz)	Power	Privacy Code
1	462.5625	2 W	off
2	462.5875	2 W	off
3	462.6125	2 W	off
4	462.6375	2 W	off
5	462.6625	2 W	off
6	462.6875	2 W	off
7	462.7125	2 W	off
8	467.5625	0.5 W	off
9	467.5875	0.5 W	off
10	467.6125	0.5 W	off
11	467.6375	0.5 W	off
12	467.6625	0.5 W	off
13	467.6875	0.5 W	off
14	467.7125	0.5 W	off
15	462.5500	2 W	off
16	462.5750	2 W	off
17	462.6000	2 W	off
18	462.6250	2 W	off
19	462.6500	2 W	off
20	462.6750	2 W	off
21	462.7000	2 W	off
22	462.7250	2 W	off
23+	Channels 23 through 128 use the same 22 FRS frequencies repeated with different privacy codes activated.		



ROCKY TALKIE

# MOUNTAIN RADIO BASICS



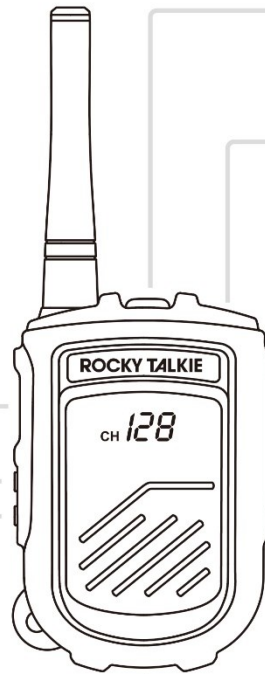
**USING YOUR ROCKY TALKIE**  
Check out a video on how to use the radio at [RockyTalkie.com/video](http://RockyTalkie.com/video)

**Primary** Push to talk (PTT)  
**Secondary** Roger Beep  
1) Hold PTT while powering on device

**Primary** Volume Up  
**Secondary** Channel Power *H/L*  
1) Hold 2 seconds to toggle between High and Low power for current channel

**Primary** Volume Down  
**Secondary** Privacy Codes *CT*  
1) Hold 2 seconds to begin  
2) Use channel flipper to change code (CT, DCS)  
3) Press any button to save

**USB-C Charging Port**  
USB-C cable and 5V-1A power adapter included



**Primary** Channel Flipper  
**Secondary** Lock/Unlock Radio: Hold forward 2 seconds   
SCAN: Hold back 2 seconds - press any button to stop

**Primary** Power ON/OFF   
1) Hold 2 seconds (double beep sound)  
**Secondary** Check Battery Life: Click to see battery %  
Check Privacy Code: Click twice to display active privacy code (CT, DCS)

DISPLAY SCREEN



ICON	FUNCTION DESCRIPTION
CT	Privacy code active (Analog)
DCS	Privacy code active (Digital)
CH	Channel
VOL	Volume
	Roger beep active
	Battery indication
	Low battery indicator
	Radio lock active
<i>H</i>	High power (2 W)
<i>L</i>	Low power (0.5 W)
<b>BUSY</b>	Channel busy - radio receiving
	Low transmission power (0.5 W)
	High transmission power (2 W)

## FCC&RSS Warning

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

SAR tests are conducted using standard operating positions accepted by FCC/ISED with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new model is available for sale to the public, it must be tested and certified to the FCC/ISED that it does not exceed the exposure limit established by the FCC/ISED. Tests for each product are performed in positions and locations as required by the FCC/ISED.

For body worn operation, this device has been tested and meets the FCC/ISED RF exposure guidelines when used with an accessory designated for this product when used with an accessory that Contains no metal.

To maintain compliance with the FCC/ISED's RF exposure guidelines, hold the transmitter and antenna at least 1 inch(2.5 centimeters) for your face and speak in a normal voice, with the antenna pointed up and away from the face.

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. In order to comply with the FCC/ISED RF exposure requirements, the antenna installation must comply with following:

Users must be fully aware of the hazards of the exposure and able to exercise control over their FCC exposure to qualify for the higher exposure limits.

Your wireless hand-held portable transceiver contains a low power transmitter. This product sends out radio frequency(RF) signals when the Push-to-Talk(PTT)button is pressed.

The device is authorized to operate at a duty factor not to exceed 50%.

The device complies with FCC/ISED license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent areil est conforme aux CNR d'ISED licables aux areils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

(1) l'areil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

# Technical Specifications

## General

Frequency Range	462.5500-462.7250MHz; 467.5625-467.7125MHz
Channel capacity	22 channels
Working voltage	DC 3.7V
Antenna impedance	50
Frequency Stability	+/-2.5ppm
Working mode	Simple
Battery capacity	1550 mAh
Working temperature	0 to 120 F
Weight	133g (not containing antenna)
Dimensions	179mm(L)*61mm(W)*30mm(H)

## Transmitter

Output power	High Power: 31.83dBm Low Power: 25.79dBm
Modulation mode	FM
Maximum deviation	<2.5KHz
Spurious radiation	<7.5uW
Adjacent Channel Power	<-60db

## Receiver

RF sensitivity (12db SINAD)	.25uV / 12.5 KHz
Audio Distortion	<10%
Audio Power	<1W

## **Battery Information**

### **Charging Li-ion Battery**

Please charge the battery before using. Completing a charge-discharge cycle two times can make

the battery capacity achieve its maximum high-point. When the battery power is low, please recharge the battery.

### **Applicable Battery Type**

Please use the designated battery only. Using other batteries may result in accidents or injury.

### **The procedure of charging:**

Use only the charger and battery. The charger LED indicator light will indicate the charging process.

### **Warning:**

For safety, the lithium battery is not charged before shipment.

1. When charging, it is recommended to turn off the radio.
2. Charge directly with USB plug.
3. While charging, the indicator light will turn red.
4. The battery will take approximately 4 to 5 hours to achieve a full charge. When the charging is completed, the indicator light will turn green.