OZARK TRAIL
OUTDOOR EQUIPMENT

Walkie Talkie

Model:100070695

PRODUCT GUIDE

August 11.2021-V1

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SAFETY AND GENERAL INFORMATION

RF Exposure and Product Safety Instructions for Portable Two-Way Radios General Populated and Uncontrolled Environments

ATTENTION:
Before using this radio,refer to the important eperating instructions for safe usage and RF energy awareness and control for compliance with applicable Standards and Regulations.

Compliance with RF Exposure Standards
Your Two-Way radio complies with the following RF energy exposure standard and guidelines :
- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR et seq. &FCC.
- Institute Electrical and Electronic Engineers (IEEE) C95.1.

Transmit and Receive Procedure
Your two-way radio contains a transmitter and a receiver. To control your exposure and ensure compliance with the general population /uncontrolled environment exposure limits, always adhere to the following procedure:
- Transmit no more than 50% of the time.
- To receive calls, release the **PTT** button.
- To transmit (talk), press the Push –to-Talk (**PTT**) button in front of the face.
- Hold the radio in a vertical position with the microphone (and other parts of the radio including the antenna) at least one inch (2.5 centimeters) away from the nose or lips. Keeping the radio at a proper distance is important to ensure compliance.

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Note: RF exposure decreases with increasing distance from the antenna.
- Body Worn Operation.When worn on the body,always place the radio in a approved clip for this product.

Two – way Radio Operation
- Use only approved supplied or replacement antennas and audio accessories.

⚠ **WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

Note: All controls, adjustments and switches that's instructed in the manual or follow-up instruction provided by the manufacturer that may be operated or adjusted without resulting in a violation of FCC rules.

Warning: Any adjustment that could result in a violation of FCC rules and it's recommended that could be performed only by or under the immediate supervision and responsibility of a person certified as technically qualified to perform transmitter maintenance and repair duties in this radio service by an organization or committee representative of users of that service.

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CAUTION: Changes or modifications i.e. replacing any transmitter component (crystal, semiconductor, etc.) not expressly approved by the party responsible for compliance could void the user's authority to operate the product.
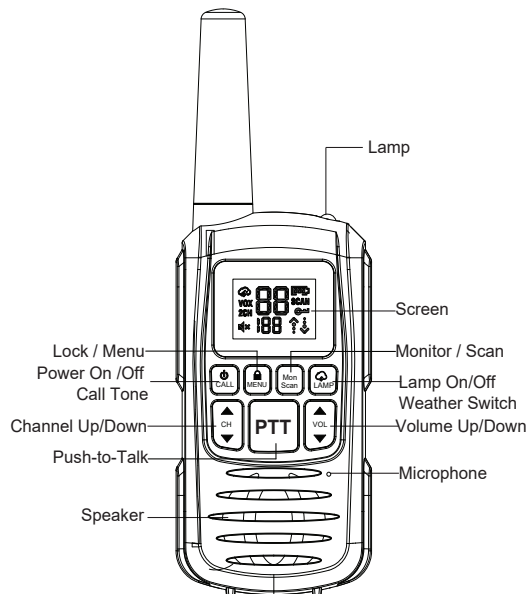
FCC SAR Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly wom at a minimum distance of 0 mm from the body, in front of face with minimum distance 25mm.
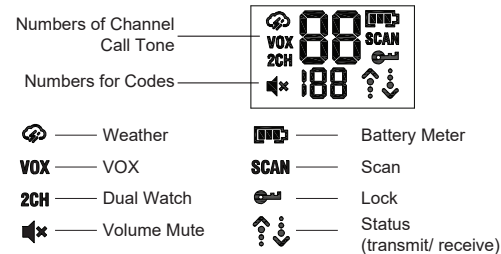
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CONTROL BUTTONS

- Lamp
- Screen
- Monitor / Scan
- Lamp On/Off Weather Switch
- Volume Up/Down
- Microphone
- Lock / Menu
- Power On /Off Call Tone
- Channel Up/Down
- Push-to-Talk
- Speaker

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DISPLAY SCREEN GUIDE

- Numbers of Channel / Call Tone
- Numbers for Codes

Icon	Meaning	Icon	Meaning
⊛	Weather	🔋	Battery Meter
VOX	VOX	SCAN	Scan
2CH	Dual Watch	🔒	Lock
🔇	Volume Mute	↑↓	Status (transmit/ receive)

GETTING STARTED

Installing the Batteries
1.Remove the battery cover.

- Remove the battery cover.
- Take the belt clip off
- Move the battery latch to the open side.
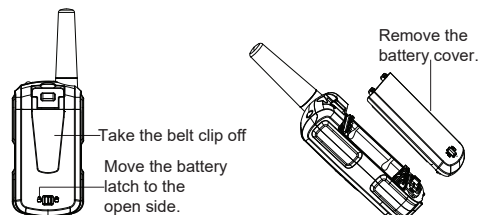
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2.Insert 3 AA alkaline batteries with+and-polarity as shown inside.

Insert 3 AA alkaline Batteries

3.Close the battery cover firmly.

- Close the battery cover firmly.
- Move the battery latch to the closed side.
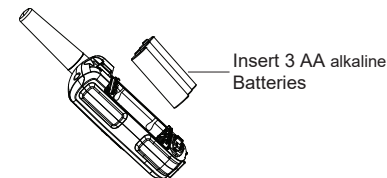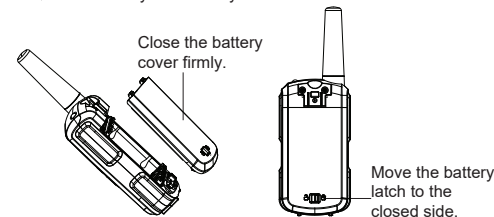
Note:
- Be careful when removing alkaline batteries. Do not use sharp or conductive tools to remove either of these batteries.
- Remove the batteries before storing your radio for extended periods of time. Batteries corrode over time and may cause permanent damage to your radio.

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- Do not mix old and new batteries and Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni -cad, ni -mh, etc.) batteries.
- This product contanins small parts as (batteries,battery cover and screws) that may cause suffocation if swallowed by children.

Radio Battery Meter
The number of bars (🔋) on the radio battery icon shown indicates the battey level . When the radio battery meter shows one segments , the radio chirps periodically (Low Battery Alert). In battery low status , the radio will sound the alert every 10 minutes or after releasing the **PTT** button.

Note:Remove the battery from radio for storage purposes.

Turning your Radio On and Off
1.Press and hold on the ⊙ button to turn your radio ON/OFF. In the ON position ,the radio chirps and briefly shows all feature icons available on the radio .
2.The display screen then shows the current channel, code and all features that are enabled . The radio is in Two - Way mode.

Setting the Volume
Press and hold ⊙ button for three seconds to listen to volume level.
1.First press either ▲ or ▼ to trigger volume change. You will see current volume level on screen .
2. Press ▲ to increase the volume. Press ▼ to decrease the volume.

Do not hold the radio close to your ear. If the volume is set to an uncomfortable level, it could hurt your ear.

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TALKING AND LISTENING

To communicate , all radios in your group must be set to the same channel and Interference Eliminator Code.

1. To talk, press and hold the **PTT** button. When transmitting , the icon is shown .
2. When you are finished talking, release the **PTT** button.
3. When receiving, the icon is shown.

For maximum clarity, hold the radio 2 to 3 centimeters away from your mouth and speak directly into the microphone . Do not cover the microphone while talking.

Talk Range
Your radio is designed to maximize performance and improve transmission range . Do not use radios closer than five feet apart.

Monitor Button
Press and hold button for 3 seconds to enter monitor mode and listen for weak signals on the current channel .
You can also listen to the volume level of the radio when you are not receiving . This allows you to adjust the volume, if necessary .You can also press button to check for activity on the current channel before you talk.

Push-to-Talk Timeout Timer
To prevent accidental transmissions and save battery life, radio will stop transmitting if you press **PTT** button for 60 seconds continuously.

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Mode Button
Press and hold button for 3 seconds, the user will be seamlessly switching between two-way and weather mode.

Selecting the Channel
The channel is the frepuency of the radio uses to transmit.
1. In two-way standby mode,press ▲ or ▼ button to select the desired channel.
2. If you press and hold ▲ or ▼ button the channel numbers will scroll rapidly.

MENU OPTIONS

Selecting the Interference Eliminator Code
Sub-Codes help minimize interference by blocking transmission from unknown sources. Your radio has 121 Sub-Codes.
To set the code for a channel:
1. Press the button until the code number starts to flash.
2. Press ▲/▼ or ▲/▼ button to select code number.
3. Press the **PTT** button to exit menu or button to continue setup.

Setting and Transmitting Call Tones
Your radio can transmit different call tones to other radios in your group when you pressed button.
The radio has 10 call tones('0' = 'tone off').

To set a call tone:
1. Press button until call tone 'CA' appears. The current call tone setting flash.

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2. Press ▲/▼ or ▲/▼ button to change and listen to the cal tone.
3. Press the **PTT** button to exit menu or button to continue setup.

Voice Operated Transmission(VOX)
Transmission is initiated by speaking into the microphone of the radio instead of pushing the PPT button.
1. To activate VOX, press button until 'VOX' appears on the display,The current setting (0,1-3) Will flash.
2. Press ▲/▼ or ▲/▼ button to select the sensitivity level.
3. Press the **PTT** button to exit menu or button to continue setup.

L3=High Sensitivity for quiet environments
L2=Medium Sensitivity for most environments
L1=Low Sensitivity for noisy environments
L0=Turn Off VOX function

Dual Channel Monitor
Enable you to scan current channel and another channel alternately. To set another channel and start Dual Watch.
1. Press button until '2CH' appears on the display. The current current setting (OF,1-22) will flash.
2. Press ▲/▼ or ▲/▼ button to select channels.
3. Press the **PTT** button or wait until the time out menu to

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activate Dual Watch. The screen will alternate between Home Channel and Dual Watch Channel.

To end Dual Watch mode, re-enter Dual Watch menu to select the OFF setting.

Note: If you set the same channel and code as current channel, Dual Watch does not work.

SPECIAL FEATURES

Keypad Tones
Your radio emits a beep each time one of the buttons is pressed (except the **PTT** and button)
Press and hold the button while turning the radio ON to switch the keypad tone ON/OFF.

Roger Tone
You can set your radio to transmit a unique tone when you finish transmitting.
Press and hold the button while turning the radio ON to turn the Roger Beep ON. Repeat the step to turn Roger Beep OFF.

Keypad Lock
To avoid accidentally changing your radio settings:
1. To lock the radio, press and hold button until the key lock indicator icon on display appear.
2. To unlock the radio press and hold button until the key lock indicator icon on display disappear.

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Scanning Channels
Use scan to search all channels for transmissions from unknown parties to find someone in your group who has accidentally changed channels or to quickly find unused channels for your own use.
To Start Scanning:
1. Briefly press the button, the **SCAN** icon will appear in the display and the radio will begin to scroll through the channel and code combinations.
2. When the radio detects channel activity matching the channel and code combination, it stops scrolling and you and hear the transmission.
3. To respond and talk to the person transmitting, press the **PTT** button within 5 seconds after the end of the transmission.
4. The radio will resume scrolling through the channels five seconds after the end of any received activity.
5. To stop scanning, briefly press the button.

Scanning Notes:
1. If you press the **PTT** button while the radio is scrolling through inactive channels, the transmission will be on the " home channel ". Scanning will resume 5 seconds after the end of your transmission. You may press the button to stop scanning at any time.
2. If the radio stops on an undesired transmission, you may immediately resume the scan by briefly pressing ▲ or ▼ button.
3. If the radio repeatedly stops on an undesired transmission, you may temporarily remove that channel from the scan list by pressing and holding ▲ or ▼ for 3 seconds. You may remove more than one channel in this way.

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4. To restore the removed channel (s) to the scan list, turn the radio off and then turn back on, or exit and re-enter the scanning mode by pressing button.
5. You cannot remove the home channel from the scan list.

LED Lamp
Your radio has a built –in-LED Lamp.
Briefly press the button once to ON the lamp, press again to OFF the lamp.

Automatic Power Save
For better battery life, your radio is designed to switch to Power Save mode when it has been no transmissions after 5 seconds. The radio can receive transmissions in this mode.

WEATHER RECEIVE

Weather feature is available designed for use in USA and Canada. Your radio can tune in to broadcasts by the United States National Oceanic and Atmospheric Administration (NOAA) Weather Radio and Environment Canada Weather Radio.
You can listen to a weather channel (see "Weather Channels and Frequencies" table for details) or set your radio to alert you to emergency weather broadcasts that interrupt routine broadcasts. When you listen to a weather channel,you cannot use your radio in scan mode or for two-way communications.

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Both NOAA and Environment Canada have transmitters located throughout the United States and Canada ,respectively. These transmitters broadcast watches, forecasts and other information 24 hours a day.

Entering Weather Mode
From two-way mode, press and hold button for 3 seconds to enter weather mode.

Setting the Weather Channel
Your radio receives weather frequencies:
1. In weather mode, press ▲ or ▼ button to select the appropriate channel with good reception in your area.
2. Press ▲ or ▼ button to adfust the weather receive volume.

WEATHER CHANNELS AND FREQEUEIES

Weather Channel	Frepuency (MHz)	Weather Channel	Frepuency (MHz)
WX1	162.550	WX7	162.525
WX2	162.400	WX8	161.650
WX3	162.475	WX9	161.775
WX4	162.425	WX10	161.750
WX5	162.450	WX11	162.000
WX6	162.500		

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CHANNEL AND FREQUENCIES

Model 100070695
This FRS device is approved for USA

| Channel	Frequency (MHz)	Max Power Output	Channel	Frequency (MHz)	Max Power Output
1	462.5625	0.5W	12	467.6625	0.5W
2	462.5876	0.5W	13	467.6875	0.5W
3	462.6125	0.5W	14	467.7125	0.5W
4	462.6375	0.5W	15	462.5500	0.5W
5	462.6625	0.5W	16	462.5750	0.5W
6	462.6876	0.5W	17	462.6000	0.5W
7	462.7125	0.5W	18	462.6250	0.5W
8	467.5625	0.5W	19	462.6250	0.5W
9	467.5875	0.5W	20	462.6750	0.5W
10	467.6125	0.5W	21	462.7000	0.5W
11	467.6375	0.5W	22	462.7250	0.5W

Note:FCC ID Label is in battery compartment, it could be easily found by removing the battery cover.

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