# onn.

Walkie Talkie

Model: 100068731

PRODUCT GUIDE

May 11.2021-V1

Screen

Push-to-Talk

Power On /Off

Lamp On/Off

Weather Switch

Call Tone

Speaker

• Using a Micro USB charger when rechargeable batteries in place and please combine all notes together

**CONTROL BUTTONS** 

\$88**7** 

Accessary Port

Micro-USB

Lock

Menu

Scan

Monitor

Microphone

Charging Port

- Alkaline batteries are provided inside the package, do not use Micro USB to charge alkaline batteries
- If the nickel metal hydride battery is installed, you can use Micro USB to charge the nickel hydride battery
- It is recommended to power OFF your radio while charging.
- When moving between hot and cold temperatures, do not charge the NiMH batteries until the battery temperature acclimates (usually about 20 minutes).
- For optimal battery life, remove the radio from the charger within 16 hours. Do not store the radio while connected to the charger.

#### 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

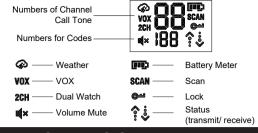
Press and hold button for three seconds to listen to volume level.

1. First press either or trigger volume change. You will see current volume level on screen .

- 2. Press to increase the volume. Press to decrease the volume.
- 3. When the volume reached level 0 the mute ■x icon appears permanently on screen.

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

## **DISPLAY SCREEN GUIDE**

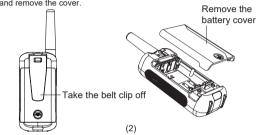


### **GETTING STARTED**

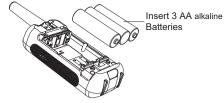
#### Installing the Three AA Batteries

1.Take the belt clip off.

2. With the back of the radio facing you, lift the battery cover latch up and remove the cover Remove the



3.Insert the three AA alkaline battery with + and - polarity as shown



Close the battery cover firmly



#### 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

(3)

**MENU OPTIONS** 

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

TALKING AND LISTENING

- 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 (scan) 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 (Scan) 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.

### 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 frequency of the radio uses to transmit. 1.Press the button until the channel number starts to flash.

2.Press or button to change the channel number.
3.Press the PTT button to exit menu or button to continue setup.

#### 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. To set a call tone:

- 1.Press button until call tone 'CA' appears. The current call tone
- 2.Press♠or♥button to change and listen to the call 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 PTT button.

Note: Remove the battery from radio for storage purposes

#### Removing the Three AA alkaline battery 1.Turn the radio off.

- 2. With the back of the radio facing you, lift the battery cover latch up and remove the cover.
- 3.Close the battery cover firmly

- · 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.
- Do not mix old and new batteries and Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni -cad, ni -mh, etc.) batteries.

### Using the Micro-USB Charger

The micro - USB charger is a handy port that allows you to conveniently charge your NiMH battery. Use certified adaptor (5V,≥1A). Do not attempt to charge alkaline batteries .

- 1.Make sure your radio is turned OFF.
- 2.Plug the micro USB cable into the micro –USB charging port on your radio . Connect the other end of the micro -USB charger to wall power outlet. 3. The battery meter on LCD will move to indicate the battery is
- Charging.

(4)

(5)

(6)

(7)

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

L3=High Sensitivity for guiet 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 setting (OF,1-22) will flash.
- Press ♠ or ♥ to select channels.

Model 100068731

(MHz)

462.5625

462.5876

462.6125

462.6375

462.6625

462.6876

462.7125

467.5625

467.5875

467.6125

467.6375

Channel

2

3

11

This FRS device is approved for USA

Output

1W

1W

1W

1W

1W

1W

1W

0.5W

0.5W

0.5W

0.5W

Frequency Max Power

- 3.Press the PTT button to exit menu or houton to continue setup. 4. Press the PTT button or wait until the time out menu to activate
- Dual Watch. The screen will alternate between Home Channel and 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

(8)

Channel

12

13

14

15

16

17

18

19

20

21

CHANNEL AND FREQUENCIES

(MHz)

467.6625

467.6875

467.7125

462.5500

462.5750

462.6000

462.6250

462.6250

462.6750

462.7000

462.7250

Frequency Max Power

Output

0.5W

0.5W

0.5W

1W

1W

1W

1W

1W

1W

1W

1W

### Radios General Populated and Uncontrolled Environments 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.

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 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.

### 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 (a) button while turning the radio ON to turn the Roger Beep ON, Repeat the step to turn Roger Beep OFF.

## Keypad Lock

Scanning Channels

To Start Scanning:

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.

Use scan to search all channels for transmissions from unknown

channels or to quickly find unused channels for your own use.

parties to find someone in your group who has accidentally changed

1.Briefly press the (Mon) button, the **SCAN** icon will appear in the display

and the radio will begin to scroll through the channel and code

2. When the radio detects channel activity matching the channel and

(9)

SAFETY AND GENERAL INFORMATION

RF Exposure and Product Safety Instructions for Portable Two-Way

### LED Lamp

antenna

accessories.

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

code combination, it stops scrolling and you and hear the transmission

3. To respond and talk to the person transmitting, press the PTT

1.If you press the PTT button while the radio is scrolling through

You may press the button to stop scanning at any time.

immediately resume the scan by briefly pressing (A) or (V) button.

3.If the radio repeatedly stops on an undesired transmission, you

pressing and holding (a) or (v) for 3 seconds. You may remove

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

2.If the radio stops on an undesired transmission, you may

may temporarily remove that channel from the scan list by

5. You cannot remove the home channel from the scan list.

inactive channels, the transmission will be on the "home channel".

Scanning will resume 5 seconds after the end of your transmission.

4. The radio will resume scrolling through the channels five seconds

button within 5 seconds after the end of the transmission.

after the end of any received activity.

Scanning Notes:

5.To stop scanning, briefly press the (scan) button.

#### **Automatic Power Save**

more than one channel in this way.

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.

(10)

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

Note: RF exposure decreases with increasing distance from the

/ 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.

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). When you listen to a weather channel. vou cannot use vour radio in scan mode or for two-way communications.

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 hutton for 3 seconds to enter weather mode.

### Setting the Weather Channel

Your radio receives weather frequencies:

- 1.In weather mode, press the button until weather channel
- 2.Press(▲)or (▼) button to select the appropriate channel with good reception in your area.
- 3. Press the PTT button to set and exit menu.

(11)

**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 worn on the body and front of face with minimum distance 25mm..

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Transmit and Receive Procedure Your two-way radio contains a transmitter and a receiver. To control

- Hold the radio in a vertical position with the microphone (and other

(12)

(13)

(14)