NXGKET 2AYV7YG-811

NXGKET FRS 2-Way Radio Walkie Talkies User Manual

Model: 2AYV7YG-811

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your NXGKET FRS 2-Way Radio Walkie Talkies. Please read this manual thoroughly before using the product to ensure proper function and safety. These walkie talkies are designed for reliable communication in various environments, featuring long-range transmission, durable batteries, and NOAA weather alerts.

Image Description: This image displays the four NXGKET walkie talkie units included in the pack, showcasing their distinct color options: purple, blue, orange, and yellow.

PRODUCT OVERVIEW

Package Contents

- 4 x NXGKET FRS 2-Way Radio Walkie Talkies
- 4 x Earpieces
- 2 x 2-in-1 USB-C Charging Cables

Key Features

- **Intelligent Control System:** Includes auto squelch, auto memory, auto scan, auto power saving, and low battery alarm.
- **iVOX Hands-Free Operation:** Allows for voice-activated transmission without pressing buttons.
- **Durable Design:** Drop-proof construction.
- **Channels and Privacy Codes:** 22 FRS channels with 122 privacy codes (2684 combinations).

- **NOAA Emergency Weather Alert:** Provides alerts for unpredictable weather conditions.
- **Rechargeable Battery:** Built-in 1200mAh Li-ion battery with overcharge, overvoltage, and short circuit protection.
- **USB-C Charging:** Convenient charging with included 2-in-1 USB-C cables.
- **Long-Range Transmission:** Upgraded custom gain antenna and lossless transmission technology for clear communication.

Component Identification

Refer to the diagram below for identification of the walkie talkie components.

Image Description: A detailed diagram of the NXGKET walkie talkie, highlighting key components such as the antenna, LCD display, PTT button, Power button, Up/Down buttons, Menu/Lock button, Speaker/Mic, Charge Jack (USB-C), and Earphone Jack.

Setup

Charging the Battery

1. Locate the USB-C charging port on the walkie talkie.

2. Connect one end of the provided 2-in-1 USB-C charging cable to the walkie talkie's charging port.

3. Connect the other end of the USB-C charging cable to a compatible USB power source (e.g., wall adapter, power bank, computer USB port).

4. The charging indicator light on the walkie talkie will illuminate to show it is charging.

5. A full charge typically provides 3-4 days of use.

6. The walkie talkie automatically shuts down after 3-4 hours of non-use to conserve power. Restart it when needed.

Image Description: Two NXGKET walkie talkies (orange and yellow) connected to USB-C charging cables, illustrating the convenient charging method. The

Powering On/Off

- To power on, press and hold the **Power button** until the LCD screen illuminates.
- To power off, press and hold the **Power button** until the LCD screen turns off.

OPERATING INSTRUCTIONS

Selecting Channels and Privacy Codes

1. Press the **MENU** button once to enter channel selection mode. The channel number will flash on the LCD screen.
2. Use the **"+"** (Up) or **"-"** (Down) buttons to select your desired channel (1-22).
3. Press the **MENU** button again to enter privacy code selection mode. The privacy code will flash.
4. Use the **"+"** (Up) or **"-"** (Down) buttons to select your desired privacy code (1-122).
5. Press the **MENU** button a third time or wait a few seconds for the settings to be saved.
6. **Important:** For successful communication, all walkie talkies must be set to the same channel and privacy code.
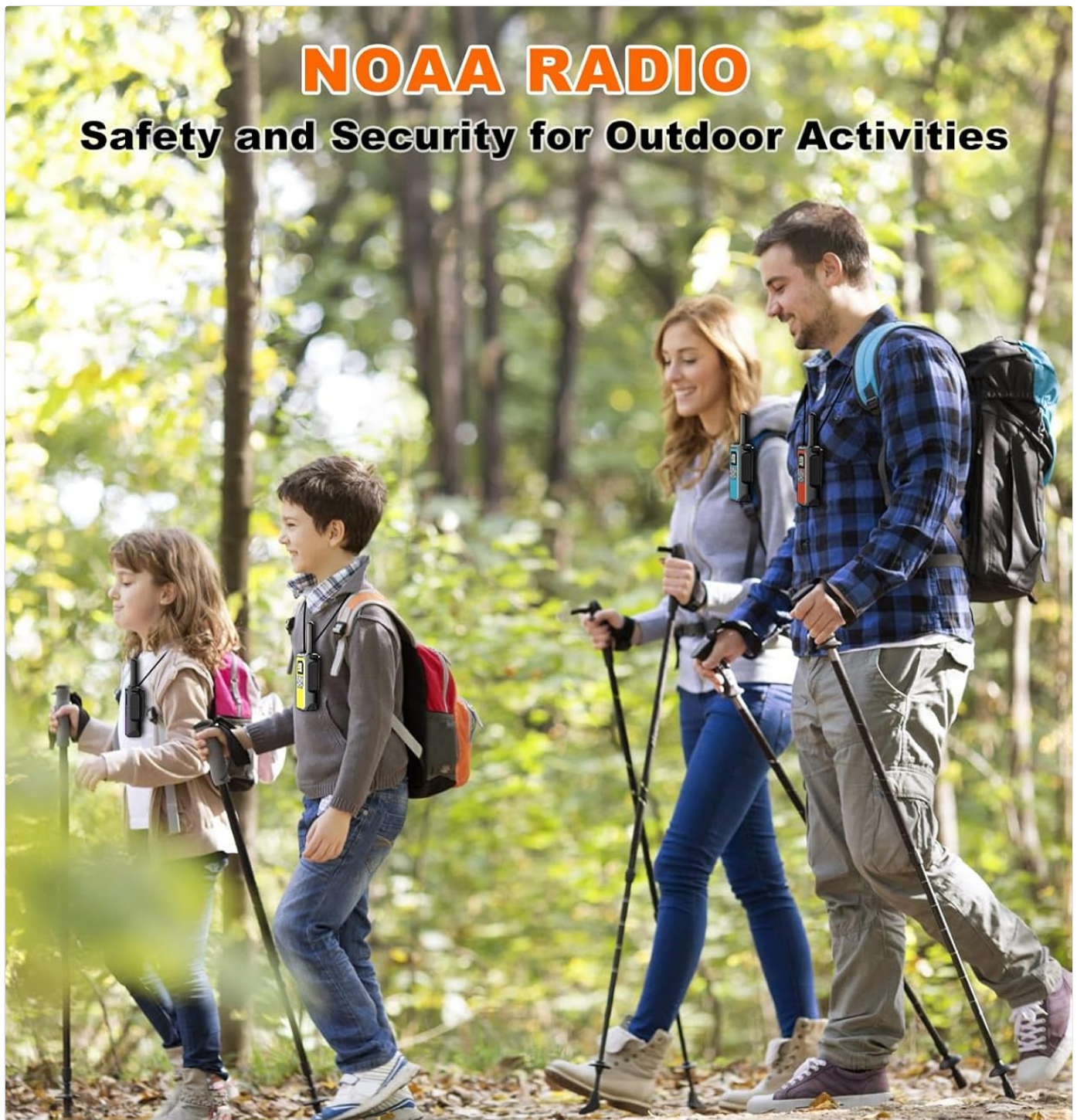
Transmitting and Receiving

- To transmit, press and hold the **PTT (Push-to-Talk)** button and speak clearly into the microphone.
- Release the **PTT** button to stop transmitting and listen for a response.
- The walkie talkie will automatically receive transmissions when not transmitting.

iVOX (Hands-Free Operation)

- The iVOX feature allows for voice-activated transmission without needing to press the PTT button.
- To activate/deactivate iVOX, consult the full user manual for specific button sequences, as this feature often has adjustable sensitivity levels.

NOAA Emergency Weather Alert

- To enter the NOAA channel mode, long press the **"+"** (Up) key. The radio will automatically jump to one of the 11 NOAA channels.
- Press the **MENU** key to lock the selected NOAA channel.
- Use the **"+"** (Up) or **"-"** (Down) keys to adjust to a different NOAA channel if desired.
- To exit the NOAA channel mode, long press the **"+"** (Up) key again.

NOAA RADIO
Safety and Security for Outdoor Activities

Tornados Snowstorm Rainstorm Fires Tsunami Earthquakes

Image Description: A family hiking through a forest, each carrying an NXGKET walkie talkie. Icons at the bottom represent various weather phenomena like tornadoes, snowstorms, rainstorms, fires, tsunamis, and earthquakes, indicating the NOAA emergency weather alert capability for outdoor safety.

MAINTENANCE

Battery Care

- To maximize battery life, fully charge the walkie talkies before first use.
- Avoid completely draining the battery regularly.

- Store the walkie talkies in a cool, dry place when not in use for extended periods.
- The built-in Li-ion battery includes protection against overcharge, overvoltage, and short circuits.

Cleaning

- Wipe the exterior of the walkie talkie with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Ensure the charging port cover is securely closed to prevent dust and moisture ingress.

TROUBLESHOOTING

- **No Power:** Ensure the battery is charged. Connect the walkie talkie to the charger and verify the charging indicator.
- **Cannot Communicate:** Verify that all walkie talkies are on the same channel and privacy code. Check that the PTT button is being pressed fully during transmission.
- **Poor Audio Quality/Static:** Move to an open area with fewer obstructions. Ensure you are within the effective communication range. Check for any interference from other electronic devices.
- **Limited Range:** Range is affected by terrain, weather, and obstructions (buildings, dense foliage). Optimal range is achieved in open areas.
- **Battery Drains Quickly:** Ensure the walkie talkie is fully charged. Reduce usage of power-intensive features like continuous transmission.

SPECIFICATIONS

Brand	NXGKET
Model Number	2AYV7YG-811
Number of Channels	22 FRS Channels
Privacy Codes	122
Frequency Range	462.5500-462.7250MHz, 467.5625-467.7125MHz
Talking Range (Maximum)	Up to 3 miles (open areas)
Battery Type	Built-in 1200mAh Li-ion Rechargeable Battery
Voltage	3.6 Volts
Special Features	Keypad Lock, Lightweight, Long Range, Rechargeable, Weather Alert (NOAA), VOX
Water Resistance Level	Not Water Resistant
Item Weight	1.37 pounds (for the pack)
Package Dimensions	6.65 x 4.72 x 3.15 inches

NXGKET TWO-WAY RADIOS

Drop Protection

VOX (Hands free)

22 Channels

Keypad Lock

NOAA

USB-C Charging

15 CM / 5.9 IN

5 CM / 1.97 IN

NXGKET

22

MENU MON

MIC

Image Description: An orange NXGKET two-way radio displayed alongside icons representing its features: Drop Protection, VOX (Hands-free), 22 Channels, Keypad Lock, NOAA, and USB-C Charging. Dimensions of the radio (15 cm / 5.9 inches height, 5 cm / 1.97 inches width) are also indicated.

Image Description: A graphic titled "Long Range Walkie-Talkies" showing a person on a mountain path using a walkie talkie, with signal waves extending. Text indicates communication ranges: up to 1.5 miles in city and town, up to 3 miles in open water area, and up to 5 miles in mountain or valley.

WARRANTY AND SUPPORT

Warranty Information

This product comes with a 2-year manufacturer's warranty. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact NXGKET customer support. Refer to the product packaging or the official NXGKET website for current contact information.