NXGKET 2AYV7YG-811

NXGKET Walkie Talkies User Manual

Your comprehensive guide to setting up, operating, and maintaining your NXGKET Two-Way Radios.

PRODUCT OVERVIEW

The NXGKET Walkie Talkies are designed for reliable, long-range communication, perfect for various outdoor activities and group coordination. This 4-pack set features durable rechargeable batteries, multiple channels with privacy codes, and essential functions like NOAA Weather Alert to keep you connected and informed.

Key Features

- **Durable Li-ion Battery:** Each radio comes with a 1200mAh lithium rechargeable battery, providing 3-4 days of use on a full charge.
- **Long Range Two-Way Radios:** Enjoy clear audio up to 3 miles in open fields. Range may vary based on terrain and obstructions.
- **Compatible with Any Radio:** Features 22 channels and 121 privacy codes, allowing communication with other FRS radios regardless of brand. Includes VOX (Voice Operated Exchange) for hands-free operation.
- **NOAA Weather Scan and Alert:** Access 10 NOAA radio channels for weather updates and alerts in your area.
- **Suitable for Anyone:** Lightweight and portable, ideal for hiking, biking, camping, road trips, and family activities.
- **Lifetime Support:** Complies with FCC standards (FCC ID: 2AYV7YG-811) and includes a 1-year warranty.

What's in the Box

- 4 * Walkie Talkies
- Battery (pre-installed in each unit)
- Belt Clip (pre-installed on each unit)
- 2 * USB Type-C Cable
- User Manual

Figure 1: Contents of the NXGKET Walkie Talkies 4-pack.

SETUP GUIDE

Battery Installation & Charging

Your walkie talkies come with pre-installed rechargeable Li-ion batteries. Before first use, it is recommended to fully charge the devices.

1. To access the battery compartment, gently slide the belt clip upwards to remove it.
2. Carefully open the battery cover on the back of the unit.
3. Ensure the Li-ion battery is correctly seated with the contacts aligned.
4. Close the battery cover and reattach the belt clip.
5. Connect one of the provided USB Type-C cables to the charging port located at the top of the walkie talkie, next to the antenna.
6. Connect the other end of the USB cable to a compatible USB power source (e.g., wall adapter, power bank, computer USB port). The included cable allows charging of two radios simultaneously.

7. The battery indicator on the LCD screen will show charging status. A full charge typically takes several hours.

Figure 2: Charging via USB-C cable and battery details.

Initial Power On

To power on your walkie talkie:

1. Locate the Power button on the front panel, below the LCD display.
2. Press and hold the Power button for approximately 2-3 seconds until the LCD screen illuminates and you hear a power-on tone.
3. The LCD display will show the current channel number and battery level.

Figure 3: Labeled components of the walkie talkie.

OPERATING INSTRUCTIONS

Basic Controls

- **PTT (Push-to-Talk) Button:** Located on the side of the radio. Press and hold to transmit your voice, release to listen.
- **Menu/Lock Button:** Used to access the menu settings and to lock/unlock the keypad.
- **Up (+)** / **Down (-) Buttons:** Used to navigate through menu options, change channels, or adjust volume.
- **MON (Monitor) Button:** Used to temporarily disable squelch to listen for weak signals on the current channel.

Channel Selection & Privacy Codes

Your NXGKET walkie talkies support 22 FRS channels and 121 privacy codes (38 CTCSS codes and 83 DCS codes) to minimize interference from other users.

1. Press the **Menu** button once to enter channel selection mode. The channel number will flash.
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 (0-121).
5. Press the **Menu** button a third time or wait a few seconds for the setting to be saved.

Note: *For successful communication, all radios in your group must be set to the same channel and privacy code.*

VOX Function (Voice Operated Exchange)

The VOX function allows for hands-free communication. When activated, the radio will automatically transmit when it detects your voice, and stop transmitting when you stop speaking.

1. Press the **Menu** button repeatedly until the VOX icon appears on the display.
2. Use the **Up (+)** or **Down (-)** buttons to select the VOX sensitivity level (1-3, with 3 being the most sensitive). Select 'OFF' to disable VOX.
3. Press the **Menu** button or wait for the setting to save.

NOAA Weather Alert

Stay informed about severe weather conditions with the built-in NOAA Weather Alert feature.
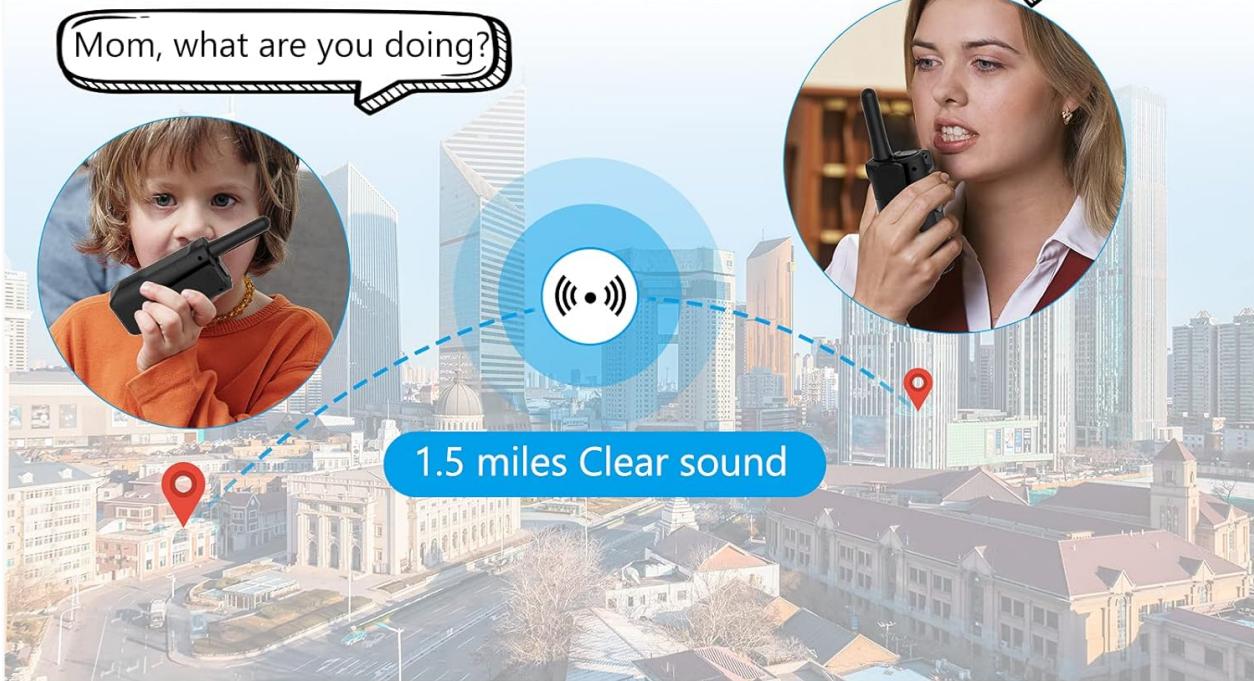
- Press and hold the **Up (+)** button for 2-3 seconds to scan 10 NOAA radio channels transmitting in your area.
- The radio will automatically tune to the strongest weather broadcast.

Communication Range

The NXGKET walkie talkies offer a communication range of up to 3 miles in open fields. Factors such as terrain, weather conditions, buildings, and electromagnetic interference can affect the actual range.

Long Range Talk

Free License, Support double/team/ group communication

Figure 4: Typical communication ranges in various environments.

Video 1: Official NXGKET video demonstrating clear communication, ideal for family use.

Video 2: Official NXGKET video showcasing the long-range capabilities and ease of use for adults.

MAINTENANCE

Battery Care

- Avoid fully discharging the batteries regularly to prolong their lifespan.
- Charge batteries in a cool, dry place away from direct sunlight.
- If storing for extended periods, charge batteries to about 50% and recharge every 3-6 months.

Cleaning

- Wipe the radio's surface with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the USB and earphone ports are free of dust and debris.

Storage

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Battery is low or depleted.	Charge the battery fully.
No Sound / Cannot Communicate	Radios are on different channels/privacy codes.	Ensure all radios are on the same channel and privacy code.
Limited Range / Static	Obstructions (buildings, hills), electromagnetic interference, or extreme weather.	Move to an open area. Adjust squelch level if available.
VOX not working	VOX sensitivity too low or microphone blocked.	Increase VOX sensitivity. Ensure microphone is clear.

For more detailed troubleshooting, please refer to the officialTroubleshooting Guide (PDF).

TECHNICAL SPECIFICATIONS

Attribute	Value
Brand	NXGKET
Model Number	2AYV7YG-811
Item Weight	1.15 pounds
Product Dimensions	7 x 1.96 x 2.36 inches
Country of Origin	China
Batteries	4 Lithium Ion batteries required (included)
Display Type	LCD
Color	1Blue & 1Orange & 1Red & 1Yellow
Number of Channels	22
Special Feature	Long Range, Rechargeable, Weather Alert, Emergency Alarm, Automatic Squelch
Frequency Range	450-470 MHz
Talking Range Maximum	3 Miles

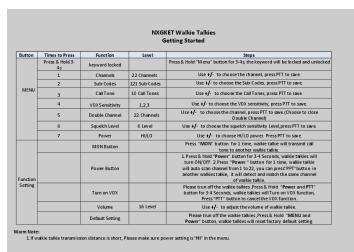| Attribute	Value
Tuner Technology	UHF
Voltage	3.7 Volts
Water Resistance Level	Not Water Resistant

WARRANTY AND SUPPORT

Warranty Information

Your NXGKET Walkie Talkies are covered by a **1-Year Warranty** and qualify for free replacement in case of manufacturing defects. The product has been tested to comply with FCC standards (FCC ID: 2AYV7YG-811).

Customer Support

If you have any concerns about your item or require assistance, please do not hesitate to contact NXGKET customer support. Refer to your purchase documentation for specific contact details or visit the official NXGKET store on Amazon.

Documents - NXGKET – 2AYV7YG-811

[NXGKET Walkie Talkies: Getting Started Guide](#)
A concise guide to operating NXGKET Walkie Talkies, covering button functions, settings like channels, sub-codes, VOX sensitivity, and troubleshooting common issues.
lang:en score:30 filesize: 73.21 K page_count: 2 document date: 2022-06-13