Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

BAOFENG NA-K61

BAOFENG NA-K61 Tri-Band Two Way Radio User Manual

Model: NA-K61

1. Introduction

Thank you for choosing the BAOFENG NA-K61 Tri-Band Two Way Radio. This advanced handheld transceiver is designed to provide secure, instant, and reliable communication with enhanced features and user-friendly operation. It is an upgraded product from the BAOFENG UV-5R series, offering improved functionality, comfortable handling, and clear sound quality. This manual will guide you through the setup, operation, and maintenance of your NA-K61 radio to ensure optimal performance.

2. Package Contents

Please check the package carefully to ensure all items are present:

- BAOFENG NA-K61 Two Way Radio (1 unit)
- 6.1-inch 144/430MHz Antenna (1 unit)
- 6.6-inch S27 222MHz Antenna (1 unit)
- 2600mAh Battery (1 unit)
- 31.5-inch Type-C Cable (1 unit)
- Earpiece (1 unit)
- Desktop Charger (1 unit)
- Belt Clip (1 unit)
- Hand Strap (1 unit)
- User Manual (1 unit)



Figure 2.1: All included accessories for the BAOFENG NA-K61 radio.

3. Product Overview

Familiarize yourself with the various parts and controls of your BAOFENG NA-K61 radio:



Figure 3.1: Labeled diagram of the BAOFENG NA-K61 radio components.

- **Antenna:** For transmitting and receiving signals. Two antennas are included for different frequency bands.
- **LED Flashlight:** Provides illumination.
- **Power/Volume Knob:** Turns the radio on/off and adjusts volume.
- **Status LED:** Indicates radio status (e.g., transmitting, receiving, charging).
- **Color LCD:** Displays frequency, channel, and various settings.
- **Accessory Jack:** For connecting earpieces or programming cables.
- **PTT (Push-to-Talk) Button:** Press and hold to transmit.
- **V/M Mode Key:** Switches between Frequency (VFO) mode and Channel (Memory) mode.
- **SK1/SK2 Keys:** Programmable shortcut keys.
- **SWEEP Key:** Initiates frequency or channel scanning.
- **Keypad:** For entering frequencies, channel numbers, and menu navigation.
- **A/B Select Key:** Switches between upper and lower display frequencies/channels.
- **Speaker:** Outputs received audio.
- **Microphone:** For voice input during transmission.
- **Type-C Charging Port:** Direct USB-C charging port on the battery.

4. Setup

4.1 Battery Installation

1. Align the 2600mAh Li-ion battery with the battery compartment on the back of the radio.
2. Slide the battery upwards until it clicks securely into place.
3. To remove, press the battery release latch (if present) and slide the battery downwards.







Figure 4.1: Battery installation and removal.

4.2 Antenna Attachment

Select the appropriate antenna for your desired frequency band (144/430MHz or 222MHz). Screw the antenna clockwise onto the connector on top of the radio until it is finger-tight. Do not overtighten.



Figure 4.2: Different antenna types for the NA-K61 radio.

4.3 Charging the Battery

The NA-K61 radio offers two convenient charging methods:

- **Desktop Charger:** Place the radio (with battery installed) into the desktop charging cradle. Ensure the charging contacts align. The indicator light on the charger will show charging status.
- **USB-C Direct Charging:** Connect the provided Type-C USB cable directly to the USB-C port on the battery pack. This allows for charging without the desktop cradle, ideal for portable power sources.

A full charge typically takes several hours. The charging indicator on the battery will change color or turn off when charging is complete.



Figure 4.3: Charging methods for the BAOFENG NA-K61 radio.

5. Operating Instructions

5.1 Power On/Off and Volume Adjustment

To power on the radio, rotate the Power/Volume knob clockwise. Continue rotating to increase the volume. To power off, rotate the knob counter-clockwise until it clicks.

5.2 Mode Selection (VFO/MR)

Press the **V/M** key to switch between Frequency Mode (VFO) and Channel Mode (MR).
In **Frequency Mode (VFO)**, you can manually input frequencies.
In **Channel Mode (MR)**, you can select from pre-programmed memory channels.

5.3 Frequency/Channel Selection

- **In Frequency Mode:** Use the keypad to directly enter the desired frequency.
- **In Channel Mode:** Use the UP/DOWN arrow keys (often integrated with the keypad or function keys) to scroll through channels, or enter the channel number directly using the keypad.
- Press the **A/B** key to select the active display (upper or lower) for transmitting or monitoring.

5.4 Transmitting (PTT)

To transmit, press and hold the **PTT** button on the side of the radio. Speak clearly into the microphone. Release the PTT button to stop transmitting and return to receive mode.

5.5 VOX (Voice Operated Transmit)

The VOX function allows for hands-free transmission. When enabled, the radio will automatically transmit when it detects your voice. Adjust the VOX sensitivity in the menu to prevent accidental transmissions from background noise.

5.6 NOAA Weather Receiver

The NA-K61 includes a NOAA weather receiver. Access this feature through the radio's menu to receive weather alerts and broadcasts, providing crucial information for outdoor activities.

5.7 Frequency Copy

This feature allows you to quickly copy a received frequency from another radio. Refer to the detailed menu instructions for the specific steps to activate and use the frequency copy function.

5.8 Scanning Functions

The radio supports various scanning methods:

- **Channel Scan:** Scans through pre-programmed memory channels.
- **Frequency Scan:** Scans through a defined frequency range.
- **Scan and Recovery Methods (TO, CO, SE):** Configure how the scanner behaves when a signal is detected (Time Operation, Carrier Operation, Search Operation).

5.9 Squelch Adjustment

Squelch eliminates background noise when no signal is present. The NA-K61 offers ten (10) levels of squelch adjustment. Adjust the squelch level in the menu to a point where background noise is suppressed but weak signals can still be received.

5.10 LED Flashlight

Activate the built-in LED flashlight via a dedicated button or menu option for illumination in low-light conditions.

5.11 DTMF (Dual-Tone Multi-Frequency)

The radio supports DTMF encoding for various applications, including repeater access and remote control functions. DTMF tones can be manually dialed using the keypad.

5.12 Keypad Programming

Many radio settings, including frequencies, channels, and features, can be programmed directly via the keypad. Refer to the radio's on-screen menu for detailed programming steps. Software programming via PC is also available (software can be downloaded from the official BAOFENG website).

6. Maintenance

6.1 Battery Care

- Charge the battery fully before first use.
- Avoid overcharging or completely draining the battery, as this can reduce its lifespan.
- If the radio will not be used for an extended period, remove the battery and store it in a cool, dry place.

6.2 Cleaning

- Clean the radio's surface with a soft, damp cloth.
- Do not use harsh chemicals, solvents, or abrasive cleaners.
- Ensure the radio is dry before use or charging.

6.3 Storage

Store the radio in a dry, dust-free environment away from direct sunlight and extreme temperatures. Keep it out of reach of children.

7. Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery or re-install it securely.
Cannot transmit.	Incorrect frequency/channel, PTT not pressed, or out of range.	Verify frequency/channel, ensure PTT is pressed firmly, move closer to other radios.
Poor reception or static.	Weak signal, high squelch level, or antenna issue.	Adjust squelch level, check antenna connection, move to an open area.
Keypad is locked.	Keypad lock function is active.	Refer to the manual for specific key combination to unlock the keypad.

8. Specifications

Feature	Detail
Model Number	NA-K61

Feature	Detail
Frequency Range	VHF/UHF, FM, Airband, 1.25M, 350MHz, NOAA
Output Power	5W
Number of Channels	999 Memory Channels
Battery Capacity	2600mAh Lithium-Ion
Charging Method	Desktop Charger, USB-C Direct Charging
Special Features	VOX, NOAA Weather Receiver, Frequency Copy, Alarm, Stopwatch, LED Flashlight, DTMF, Channel Scan, Frequency Scan, Battery Save Mode, Integrated Flashlight, Emergency Alarm
Squelch Levels	10 levels
Dimensions (Radio Body)	Approx. 4.8 inches (height) x 2.4 inches (width) x 1.5 inches (depth)
Total Height (with antenna)	Approx. 10.5 inches
Item Weight	Approx. 1.26 pounds
Water Resistance Level	Not Water Resistant
FCC ID	2AJGM-NAK6

9. Warranty and Support

9.1 Warranty Information

BAOFENG provides a **12-month warranty** for the NA-K61 radio from the date of purchase. Additionally, a**30-day return and exchange policy** is offered. This warranty covers manufacturing defects and malfunctions under normal use.

9.2 Customer Support

If you encounter any problems or have suggestions regarding your BAOFENG NA-K61 walkie-talkie, please do not hesitate to contact us via Amazon. Our customer service team is ready to assist you.

© 2025 BAOFENG. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0DHC1KPGD

More documents and user manuals: **https://manuals.plus/**