

WLN KD C1

WLN KD-C1 UHF 400-470 Mhz 16 Channel Walkie Talkie User Manual

Model: KD-C1

INTRODUCTION

Thank you for choosing the WLN KD-C1 UHF 16 Channel Walkie Talkie. This compact and reliable two-way radio is designed for clear communication in various outdoor activities such as camping, hiking, and general outdoor games. This manual provides detailed instructions for the proper use, setup, and maintenance of your device to ensure optimal performance and longevity.

WHAT'S IN THE BOX

Upon opening your WLN KD-C1 package, please verify that all the following items are included:

- One (1) WLN KD-C1 Two-Way Radio
- One (1) Li-ion Battery (1500MAh)
- One (1) Belt Clip
- One (1) Charger Adapter
- One (1) Charger Cable
- One (1) Instruction Manual



Figure 1: Package contents of the WLN KD-C1 walkie talkie, showing the radio, battery, belt clip, charger adapter, charger cable, and the instruction manual.

PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of your WLN KD-C1 walkie talkie:



Figure 2: Front and side view of the WLN KD-C1 radio with key components labeled. These include the Antenna, Power/Voice volume knob, Signal light/Charger light indicator, PTT (Push-to-Talk) key, Channel selector plus/Monitor/Lock key, Channel selector reduce/Lock key, Speaker, Speaker/mic port, Microphone, and USB plug/Charger connector.

- **Antenna:** For transmitting and receiving radio signals.
- **Power/Voice Volume Knob:** Rotates to turn the radio on/off and adjust the listening volume.
- **Signal Light/Charger Light:** Indicates radio status (e.g., transmitting, receiving, charging).
- **PTT (Push-to-Talk) Key:** Press and hold to transmit your voice. Release to listen.
- **Channel Selector Plus/Monitor/Lock Key:** Used to increase the channel number, activate monitor function, or lock/unlock keys.
- **Channel Selector Reduce/Lock Key:** Used to decrease the channel number or lock/unlock keys.
- **Speaker:** Outputs received audio.
- **Speaker/Mic Port:** Connects external audio accessories like headsets.
- **Microphone:** Captures your voice for transmission.
- **USB Plug/Charger Connector:** For connecting the charging cable.

SPECIFICATIONS

Detailed technical specifications for the WLN KD-C1 walkie talkie:

Feature	Specification
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Feature	Specification
Channel Capacity	16
Channel Spacing	25KHz
Operated Voltage	3.7 V
Battery	1500MAh Li-ion
Battery Life (5-5-90 duty cycle)	About 8 hours
Frequency Stability	±2.5ppm
Operated Temperature	-30°C to +60°C
Antenna Impedance	50Ω
Dimensions (L×W×H) (with battery, without antenna)	110×50×32 mm
Weight (with battery/antenna)	198g
Communication Range	About 1-3km
Transmitter	
RF Power Output Modulation	<5W F3E
Spurious Emission	≤65dB
FM Noise	≤-45dB(W) ≤-40dB (N)
Audio Distortion	≤5%
Transmitting Current	≤1.3A
Receiver	
Sensitivity (12dB SINAD)	≤0.20 uV
Selectivity	55dB/50dB
Intermodulation	≥65dB
Adjacent Channel Selectivity	≥60dB
Spurious Response	≥60dB
FM Noise	45dB/40dB
Audio Power Output	1000mW
Audio Distortion	≤5%
Standby Current (with battery save on)	≈15mA

SETUP

1. Battery Installation

1. Ensure the radio is turned off.
2. Locate the battery compartment cover on the back of the radio.
3. Slide the cover down or unlatch it according to the radio's design.
4. Insert the 1500MAh Li-ion battery, ensuring the contacts align correctly with the radio's terminals.
5. Replace the battery compartment cover and secure it.

2. Charging the Battery

Before first use, fully charge the battery. A full charge typically takes several hours.

1. Connect the charger cable to the USB plug/Charger connector on the radio.
2. Plug the charger adapter into a standard wall outlet.
3. The Signal light/Charger light indicator will typically show a specific color (e.g., red) during charging and change color (e.g., green) when charging is complete. Refer to the light indicator behavior for your specific unit.
4. Once fully charged, disconnect the charger.

3. Attaching the Belt Clip

The included belt clip allows for convenient carrying of your radio.

1. Align the belt clip with the designated slots on the back of the radio.
2. Slide the clip into place until it clicks securely.
3. To remove, press the release tab (if present) and slide the clip off.

OPERATING INSTRUCTIONS

1. Power On/Off and Volume Adjustment

- To turn the radio **ON**, rotate the Power/Voice Volume knob clockwise until you hear a click.
- To turn the radio **OFF**, rotate the Power/Voice Volume knob counter-clockwise until you hear a click.
- To adjust the **volume**, rotate the Power/Voice Volume knob clockwise to increase volume and counter-clockwise to decrease volume.

2. Channel Selection

The WLN KD-C1 has 16 pre-programmed channels. To communicate with another radio, both radios must be set to the same channel.

- Press the **Channel Selector Plus** key to move to the next higher channel.
- Press the **Channel Selector Reduce** key to move to the next lower channel.
- The radio will typically announce the channel number as you change it.

3. Transmitting and Receiving

- To **transmit**, press and hold the **PTT (Push-to-Talk) Key** located on the side of the radio. Speak clearly into the microphone, holding the radio approximately 2-3 inches from your mouth. The Signal light will illuminate (e.g., red) indicating transmission.
- To **receive**, release the PTT Key. The Signal light will typically illuminate (e.g., green) when a signal is being received.

- Ensure no one else is transmitting on the same channel before you begin to speak.

4. Monitor Function

The monitor function allows you to listen to weak signals on a channel that might otherwise be squelched out.

- Press and hold the **Monitor Key** (often combined with Channel Selector Plus) to temporarily disable the squelch and listen to all activity on the current channel.
- Release the key to return to normal squelch operation.

5. Key Lock Function

To prevent accidental channel changes or button presses, you can lock the keys.

- To **lock** the keys, press and hold the **Lock Key** (often combined with Channel Selector Plus or Reduce) for a few seconds until you hear a confirmation tone or voice prompt.
- To **unlock** the keys, press and hold the same Lock Key again for a few seconds.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:**
 - Do not overcharge the battery. Disconnect the charger once charging is complete.
 - Avoid exposing the battery to extreme temperatures.
 - If storing the radio for an extended period, remove the battery.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and moisture.
- **Antenna:** Do not attempt to remove or replace the antenna unless specifically instructed. An improperly installed antenna can damage the radio.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not turn on.	Battery is dead or not installed correctly.	Charge the battery. Ensure battery is properly seated.
Cannot transmit or receive.	Incorrect channel selected. Out of range. Battery low.	Ensure both radios are on the same channel. Move closer to the other radio. Charge battery.
Poor audio quality or static.	Weak signal. Interference. Volume too low/high.	Move to a clearer area. Adjust volume. Check for obstructions.
Keys are unresponsive.	Key lock function is active.	Unlock the keys by pressing and holding the Lock Key.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided by your retailer or visit the official WLN website. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: kjd

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