

WLN KD-C160

WLN KD-C160 16 Channel GMRS Radio User Manual

Model: KD-C160 | Brand: WLN

INTRODUCTION

The WLN KD-C160 GMRS Radio is a smart, easy-to-use, high-performance 16 Channel GMRS/FRS Radio. It is capable of reaching GMRS frequency ranges between 462.5625MHz to 467.7250MHz. This radio features a sleek, super-thin design and includes a built-in lithium battery, charging cable, and adapter. It is ideal for on-site business applications such as hotel front desk, retail, restaurants, and grocery.

PACKAGE CONTENTS

Upon opening your WLN KD-C160 package, you should find the following items:

- 1x WLN KD-C160 Radio
- 1x Power Adapter
- 1x USB Charging Cable
- 1x User Guide

MODEL: KD-C160

Operating Time:	9 Hours 90% Standby 10% Talk / Listen
Output Power:	2W
Unit Weight:	102g
Battery Warranty:	180 Days

WHAT'S INCLUDED:

1 Radio

1 USB Charging Adapter

1 USB Charging Cable

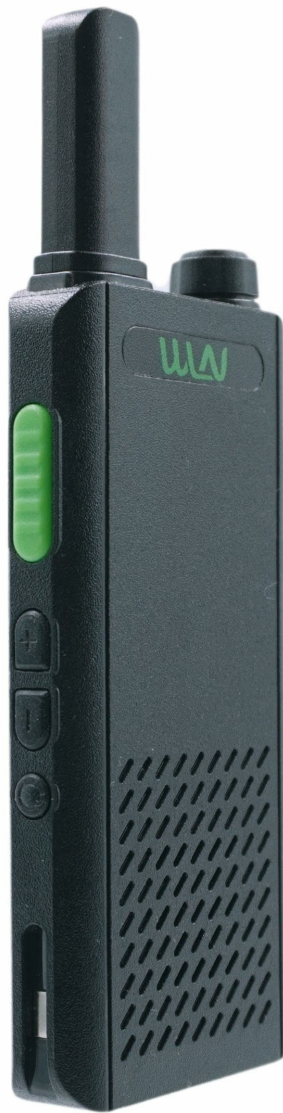
1 User Guide



This image displays the contents of the WLN KD-C160 package, including one radio unit, a USB charging adapter, a USB charging cable, and the user guide.

PRODUCT OVERVIEW

The WLN KD-C160 is lightweight and features a compact design for easy portability. Familiarize yourself with the radio's components:



This diagram highlights the key components of the WLN KD-C160 radio, including the Volume On/Off knob, PTT Button, Channel Up/Down buttons, USB Charging Cable port, Earphone Port, Mic. Port, and Speaker/Microphone area. It also indicates the built-in, unremovable battery and included charging accessories.



This image provides multiple views of the WLN KD-C160 radio, showing its front, side, and back profiles, emphasizing its sleek and compact design.

SETUP

Battery Installation and Charging

The WLN KD-C160 radio comes with a built-in 1000mAh Li-ion rechargeable battery. This battery is unremovable.

1. Connect the provided USB Charging Cable to the radio's USB Charging Port.
2. Plug the USB Charging Cable into the Power Adapter.
3. Insert the Power Adapter into a standard electrical outlet.
4. The radio's indicator light will show charging status. A full charge provides up to 9 hours of use (based on 5/5/90 Standard Test: 5% transmit, 5% receive, 90% standby).
5. A low battery alert will notify you when the battery level is critical.

Power On/Off and Volume Control

To power on the radio, rotate the Volume On/Off knob clockwise. To power off, rotate it counter-clockwise until it

clicks. Adjust the volume by rotating the same knob.

OPERATING INSTRUCTIONS

Channel Selection

The radio features 16 preset channels. Use the "Channel up" and "Channel down" buttons located on the side of the radio to navigate between channels.

Push-to-Talk (PTT) Function

To transmit, press and hold the large PTT button on the side of the radio. Speak clearly into the microphone. Release the PTT button to listen for a response.

Compatibility

IMPORTANT: This radio MUST be paired with radios from the PrimeWireless store, as the channels are preset to work with PrimeWireless radios alone. It cannot be programmed or paired with any other radio from other stores.

This video demonstrates the basic operation and menu navigation of a two-way radio, including power on/off, channel selection, and accessing various settings. While it features a different model (BAOFENG 5RX), the general principles of two-way radio usage are applicable.

This video provides a general overview of a two-way radio product, showcasing its design and some features. Although it may not be specific to the KD-C160, it offers a visual representation of a similar device.

PAIRING

The WLN KD-C160 radio is designed with 16 preset channels and privacy codes to minimize interference. For optimal performance, it is crucial to pair this radio with other WLN GMRS radios from the PrimeWireless store.

Compatible with radios from our store, including:

- KD-C1 (from PrimeWireless)
- KD-C160 (from PrimeWireless)

Pairing Chart

IMPORTANT: This radio must be paired with radios from the PrimeWireless store, as channels have been locked to recognize WLN GMRS radios alone in order to minimize interference. GMRS radios make it easy to pair and begin taking advantage of PTT to improve your business communications. It cannot be programmed or paired with radios from other stores. Compatible with radios from our store, including:

- KD-C1 (from PrimeWireless)
- KD-C160 (from PrimeWireless)



This image illustrates the pairing compatibility of the WLN KD-C160 radio with other WLN models (KD-C1 and KD-C160) from the PrimeWireless store, emphasizing the importance of using compatible devices for proper function.

SPECIFICATIONS

Feature	Detail
Model	KD-C160
Brand	WLN
Number of Channels	16
Frequency Range	462.5625MHz to 467.7250MHz
Output Power	2W
Battery Type	1000mAh Li-ion (Built-in, unremovable)

Feature	Detail
Battery Average Life	Up to 9 hours (5/5/90 Standard Test)
Voltage	3.7 Volts
Item Weight	102 Grams
Product Dimensions	2.6D x 5.4W x 14.7H Centimetres
Special Features	Rechargeable, Low battery alert
Water Resistance Level	Water Resistant

WLN KD-C160

(Single Pack)

-  Frequency Range:
462.562 to 467.725 MHz
-  16 Channels
-  2W Output Power
-  Battery lasts a whole shift - up to 9 hours (5/5/90 Standard Test)



This image provides a summary of key specifications for the WLN KD-C160 radio, including operating time (9 hours), output power (2W), unit weight (102g), and battery warranty (180 days).

MAINTENANCE

Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Recharge the radio when the low battery alert is activated. Store the radio in a cool, dry place when not in use for extended periods.

Cleaning

Clean the radio's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are dry before charging.

TROUBLESHOOTING

No Power

- Ensure the battery is charged. Connect the radio to the charger and check if the charging indicator light activates.
- Verify the Volume On/Off knob is rotated clockwise to the "On" position.

Cannot Transmit or Receive

- Check if the radio is on the same channel as the other radio you are trying to communicate with.
- Ensure the PTT button is fully pressed when transmitting and released when receiving.
- Confirm that the radio is within range of the other unit. Obstacles like buildings or dense foliage can reduce range.
- Remember that this radio is specifically designed to pair with PrimeWireless store radios.

Poor Audio Quality

- Adjust the volume using the Volume On/Off knob.
- Ensure the microphone and speaker areas are not obstructed.
- Move to an area with fewer obstructions or potential interference.

WARRANTY AND SUPPORT

The WLN KD-C160 radio comes with a 180-day battery warranty.

For product support, troubleshooting assistance, or warranty claims, please contact the PrimeWireless customer service. Refer to the included User Guide for detailed contact information.

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