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> radtel WLN KD-C52 FRS Walkie Talkie User Manual

radtel KD-C52

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Model: KD-C52

INTRODUCTION

Thank you for choosing the radtel WLN KD-C52 FRS Walkie Talkie. This compact and lightweight two-way radio is designed for reliable communication. Its user-friendly interface makes it suitable for both children and adults. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your device.



Image: The WLN KD-C52 Walkie Talkie shown next to a smartphone, illustrating its compact and handheld size. The radio measures approximately 3.5 inches in height, excluding the antenna, and 5.2 inches including the antenna.

PACKAGE CONTENTS

Before you begin, please ensure all items are present in the package:

- 2 x WLN KD-C52 FRS Walkie Talkies

- 2 x Rechargeable Lithium-Ion Battery Packs
- 2 x USB Charging Cables
- 2 x Belt Clips
- 1 x User Manual



Image: A complete view of the package contents, including two walkie-talkies, two rechargeable batteries, two belt clips, two USB charging cables, and the user manual.

SETUP

1. Battery Installation

1. Locate the battery compartment cover on the back of the walkie talkie.
2. Gently slide the cover downwards to remove it.
3. Insert the rechargeable Lithium-Ion battery pack into the compartment, ensuring the contacts align correctly.
4. Replace the battery compartment cover by sliding it upwards until it clicks into place.



Image: The rear view of the WLN KD-C52 Walkie Talkie with the battery compartment cover removed, showing the battery slot and electrical contacts. Model and certification information are also visible.

2. Charging the Battery

1. Connect the USB charging cable to the USB Charging Port on the side of the walkie talkie.
2. Plug the other end of the USB cable into a compatible USB power adapter (not included) or a computer's USB port.
3. The TX/RX LED indicator will typically show a specific color (e.g., red) during charging and change color (e.g., green) when fully charged.
4. A full charge provides approximately 8-9 hours of use.

3. Attaching the Belt Clip

Align the belt clip with the screw holes on the back of the walkie talkie and secure it with the provided screws (if applicable) or slide it into the designated slot until it locks.

OPERATING INSTRUCTIONS



Image: A detailed diagram of the WLN KD-C52 Walkie Talkie, highlighting its key components: Fixed Antenna, TX/RX LED, PTT button, Ear/Mic Port, Power On/Off button, USB Charging Port, Volume Adjust buttons (CH+ / CH-), and Channel Adjust buttons (CH+ / CH-).

1. Power On/Off

Press and hold the **Power On/Off** button (central button with a power symbol) located on the front panel until the device powers on or off. A voice prompt will confirm the action.

2. Channel Selection

Use the **Channel Adjust CH+** and **CH-** buttons (located below the power button) to select your desired communication channel. The radio supports 16 channels. Ensure all radios you wish to communicate with are set to the same channel.

3. Volume Adjustment

The **Volume Adjust CH+** and **CH-** buttons (also used for channel selection) can be used to adjust the listening volume. Press the **CH+** button to increase volume and **CH-** to decrease volume.

4. Transmitting and Receiving

- To transmit, press and hold the **PTT (Push-to-Talk) button** located on the left side of the radio. Speak clearly into the

microphone. The **TX/RX LED** will illuminate (e.g., red) during transmission.

- To receive, release the **PTT button**. The **TX/RX LED** will illuminate (e.g., green) when a signal is being received.

5. Monitor Function

The radio includes a monitor button (specific location not detailed in diagram, typically a side button) which allows you to listen to weak signals on the current channel without squelch. This can be useful for checking channel activity.

6. VOX (Voice Operated Exchange)

The VOX function allows for hands-free operation. When activated, the radio will automatically transmit when it detects your voice, eliminating the need to press the PTT button. Refer to the full user manual for activation and sensitivity settings.

7. Channel Scan

Activate the channel scan feature to automatically scan through all available channels for activity. This helps you find active conversations. Refer to the full user manual for activation instructions.

8. Busy Channel Lockout (BCL)

BCL prevents transmission on a channel that is already in use, avoiding interference with ongoing conversations. This feature is typically enabled by default.

9. Ear/Mic Port

The **Ear/Mic Port** on the side of the radio allows connection of compatible audio accessories such as headsets or external microphones for enhanced privacy and convenience.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** To prolong battery life, avoid overcharging and fully discharging the battery frequently. Store the radio and battery in a cool, dry place when not in use for extended periods.
- **Storage:** Store the walkie talkie in a dry environment, away from extreme temperatures and direct sunlight.
- **Antenna:** The antenna is fixed. Do not attempt to remove or modify it, as this may damage the radio and affect performance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is not installed correctly or is depleted.	Ensure battery is properly installed. Charge the battery fully.
Cannot transmit or receive.	Radios are on different channels. Battery is low. Out of range.	Verify both radios are on the same channel. Recharge battery. Move closer to the other radio.
Poor audio quality or static.	Weak signal. Interference. Low battery.	Move to an open area. Avoid sources of electronic interference. Recharge battery.
Low battery alert sounds frequently.	Battery needs charging or is nearing end of life.	Recharge the battery. If the issue persists after charging, consider replacing the battery.

SPECIFICATIONS

Feature	Specification
Brand	radtel
Model	KD-C52
Number of Channels	16
Frequency Range	UHF 400-470 MHz
Water Resistance Level	Waterproof (as per product description, specific IP rating not provided)
Battery Type	Lithium Ion (rechargeable)
Average Battery Life	9 Hours
Included Components	2 rechargeable Li-ion batteries
Compatible Devices	Other two-way radios (400-470 MHz, 16 channels), compatible accessories (headsets, earphones)
Hardware Version ID	KD-C52
IC Certification Number	24229-KDC52
Special Features	VOX, Channel Scan, Busy Channel Lockout, Monitor Button, Low Battery Alert, Power Saving Function

WARRANTY INFORMATION

Specific warranty details for the radtel WLN KD-C52 Walkie Talkie are not provided in this document. Please refer to the product packaging or contact the retailer/manufacturer for warranty terms and conditions.

SUPPORT

For further assistance, technical support, or inquiries regarding your radtel WLN KD-C52 Walkie Talkie, please contact the manufacturer or your point of purchase. Keep your purchase receipt and product model information handy when seeking support.

