

DieseRC KT05*3

User Manual: DieseRC 433MHz 1527 Learning Code Wireless Remote Control

Model: KT05*3

1. INTRODUCTION

This manual provides comprehensive instructions for the DieseRC 433MHz 1527 Learning Code Wireless Remote Control. This device is designed to work exclusively with DieseRC receivers that support the 1527 learning code protocol. It is ideal for various remote control applications such as garage doors, lights, and other compatible electronic devices. Please read this manual thoroughly before use to ensure proper operation and safety.

2. SAFETY INFORMATION

- Keep the device out of reach of children.
- Do not expose the remote control to water or excessive moisture.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or modify the remote control. This will void the warranty and may cause damage.
- Dispose of used batteries responsibly according to local regulations.
- Ensure the remote control is used within its specified operating temperature range (-30°C to +80°C).

3. PACKAGE CONTENTS

Each package contains the following items:

- 3 x DieseRC 433MHz 1527 Learning Code Wireless Remote Control Transmitters



Image: Three DieseRC 433MHz 1527 Learning Code Wireless Remote Control Transmitters, as included in the package.

4. PRODUCT OVERVIEW

The DieseRC remote control features a compact design with two buttons (A and B) and a durable metal keychain. It operates on a 433MHz RF frequency and utilizes the 1527 learning code for secure communication with compatible receivers.

4.1 Components



Weight: 29g
Size(L*W*T)
60*30*13mm / 2.4*1.2*0.5in

Image: Detailed diagram illustrating the key components of the remote control, including the silicone buttons, indicator light, chrome bezel, and metal keychain.

- **Silicone Buttons (A & B):** Used to send commands to the receiver.
- **Indicator Light:** Illuminates when a button is pressed, indicating signal transmission.
- **Chrome Bezel:** Provides a durable and aesthetic finish.
- **Metal Keychain:** For convenient attachment to keys or other items.

4.2 Dimensions and Weight

Parameter	Value
Size (L*W*T)	60*30*13mm / 2.4*1.2*0.5in
Weight	29g

5. BATTERY INSTALLATION

The remote control uses a CR2016 battery (included). Follow these steps to install or replace the battery:

1. Locate the battery compartment on the back of the remote control.
2. Carefully open the compartment cover.
3. Insert the CR2016 battery with the positive (+) side facing up.
4. Close the battery compartment cover securely.

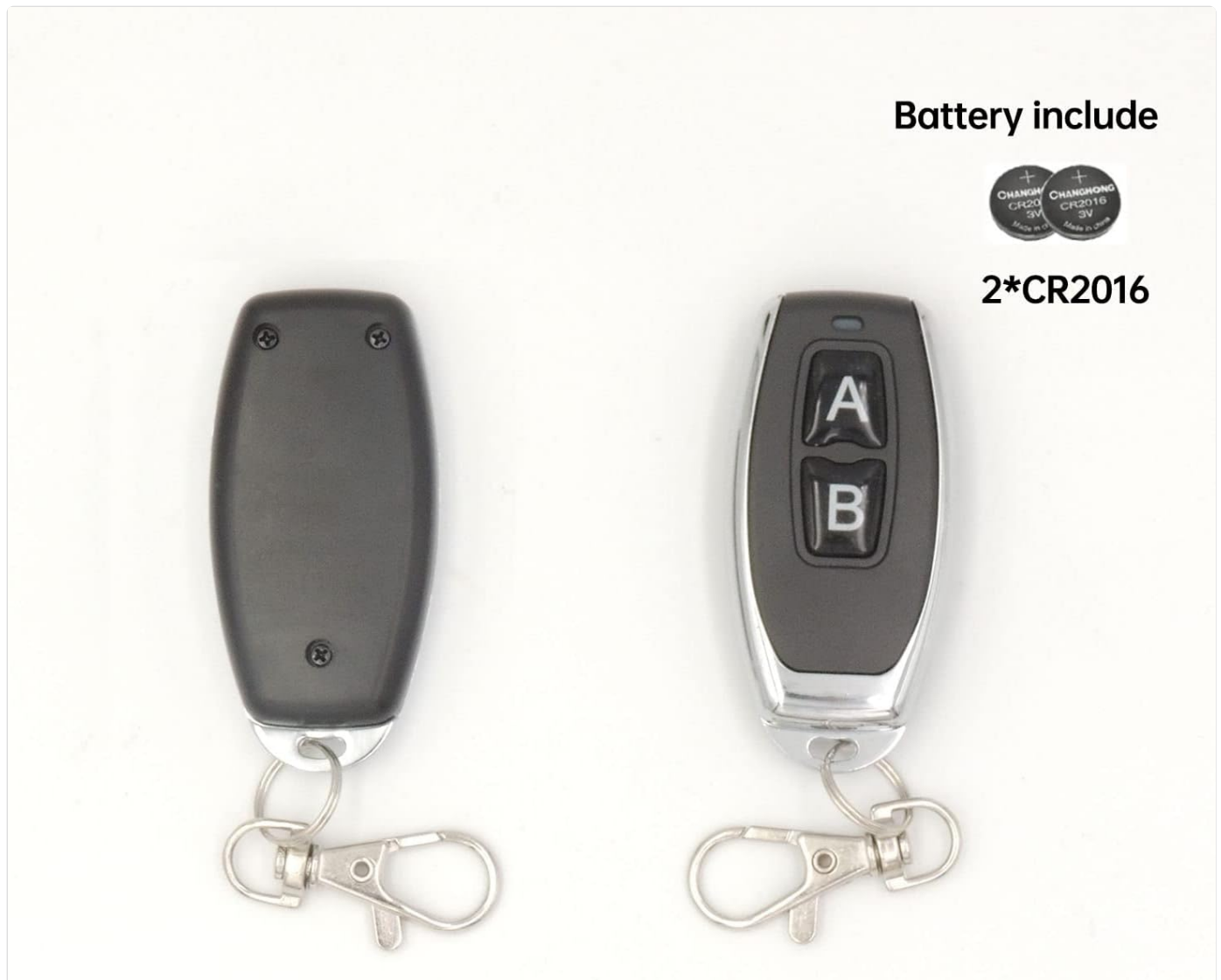


Image: Front and back views of the remote control, illustrating the battery type (CR2016) required for operation.

6. OPERATING INSTRUCTIONS

6.1 Key Functionality

This remote control is a 1527 learning code transmitter. It is designed to send signals to a compatible DieseRC receiver. It **cannot** clone other remote controls and **cannot** be programmed directly. Its function is solely to match with a 1527 learning code receiver.

6.2 Pairing with DieseRC Receiver

To use the remote control, it must be paired with a compatible DieseRC 1527 learning code receiver. The pairing process typically involves the following steps (refer to your specific receiver's manual for detailed instructions):

1. Ensure your DieseRC receiver is powered on.
2. Locate the learning button or pairing button on your receiver.
3. Press and hold the learning button on the receiver until its indicator light turns on or flashes, indicating it is in learning mode.
4. While the receiver is in learning mode, press any button (A or B) on your DieseRC remote control.
5. The receiver's indicator light should flash or turn off, confirming successful pairing.
6. Test the remote control by pressing its buttons to ensure the receiver responds as expected.



Image: The DieseRC remote control positioned next to a compatible receiver module, illustrating the intended pairing setup.

Once paired, the remote control can be used for various applications:



Image: A DieseRC receiver board and two remote controls, demonstrating the components involved in a typical setup.



Image: A hand holding the DieseRC remote control, demonstrating its use to control a ceiling light.



Image: A hand holding the DieseRC remote control, demonstrating its use to open or close a garage door.

7. MAINTENANCE

- Clean the remote control with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- If the remote control is not used for an extended period, consider removing the battery to prevent leakage.
- Store the remote control in a cool, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Remote control does not work.	Low or dead battery.	Replace the CR2016 battery.
Indicator light does not illuminate.	Battery issue or internal fault.	Check battery installation or replace battery. If issue persists, contact support.
Receiver does not respond.	Not paired correctly or out of range.	Ensure the remote is paired with the receiver. Move closer to the receiver. Check receiver's power and status.
Remote control range is poor.	Interference or obstacles.	Ensure there are no large metal objects or other RF devices causing interference. Try using in a different location.

9. SPECIFICATIONS

Parameter	Value
RF Frequency	433MHz
Support Encoding	1527 Learning Code
Receiving Sensitivity	>97dbm
RF Operating Mode	ASK superheterodyne wireless reception
Receiving Range	More than 30 meters (open area)
Working Temperature	-30°C to +80°C
Buttons	2 Buttons (A, B)
Size (L*W*T)	60*30*13mm / 2.4*1.2*0.5in
Weight	29g
Battery Type	CR2016 (included)
Lifespan	500,000 times (button presses)
Special Feature	Ergonomic design

10. WARRANTY AND SUPPORT

10.1 Warranty Information

Specific warranty details for this product are not provided in the available information. Please refer to the seller's or manufacturer's website for any applicable warranty terms and conditions.

10.2 Customer Support

For technical assistance, troubleshooting, or any inquiries regarding your DieseRC remote control, please contact the manufacturer/importer directly:

- **Manufacturer/Importer:** Huizhou Wenqiao Electronic Technology Co., Ltd.
- **Service Email:** dieseelectronic@163.com

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