433MHz Wireless Remote Control Duplicator User Manual

Model: 433mhz universal remote control duplicator

1. Introduction

This manual provides detailed instructions for the operation and programming of your kebidu 433MHz Wireless Remote Control Duplicator. This device is designed to clone existing remote controls for various applications such as electric telescopic doors, road gates, garage doors, automated curtains, and alarm systems. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. Safety Information

WARNING: Keep out of reach of children. In case of ingestion, seek medical attention immediately.

General Safety Advisory:

This area, operation, or product may involve inherent risks. Always assume potential hazards are present until proper safety verification is completed.

Essential Precautions:

1. **Assess the Environment:** Look for and identify potential dangers such as electrical sources, trip hazards, toxic substances, or moving machinery before proceeding.
2. **Use Personal Protective Equipment (PPE):** Wear appropriate PPE (e.g., safety glasses, gloves, helmet) as required for the specific task or environment.
3. **Follow Procedures:** Never bypass safety protocols, guards, or interlocks. Use equipment only for its intended purpose.
4. **Stay Alert:** Do not operate machinery or perform hazardous tasks if you are fatigued, distracted, or under the influence of medication or substances that impair judgment.

Immediate Action Required:

- STOP if you are uncertain about the safety of any action.
- CONSULT the relevant official safety manuals or qualified personnel for guidance.
- DO NOT PROCEED without proper authorization and training for hazardous tasks.

Your safety and the safety of others is paramount. Neglecting warnings can lead to severe injury or fatal accidents.

3. Product Specifications

Product specifications

You can easily generate a functioning remote control if you satisfy the following three conditions

1, your original remote control can be used normally

2, you know the original remote control firing frequency

3, you know the remote control code chip

Here's how to tell the frequency of the remote control and the code chip, as shown below(each remote control board has a silver-white sound table with round, rectangular, Square, etc.). Each remote control has a black chip on it, and the chip has a model with a clearly coded chip on it.)

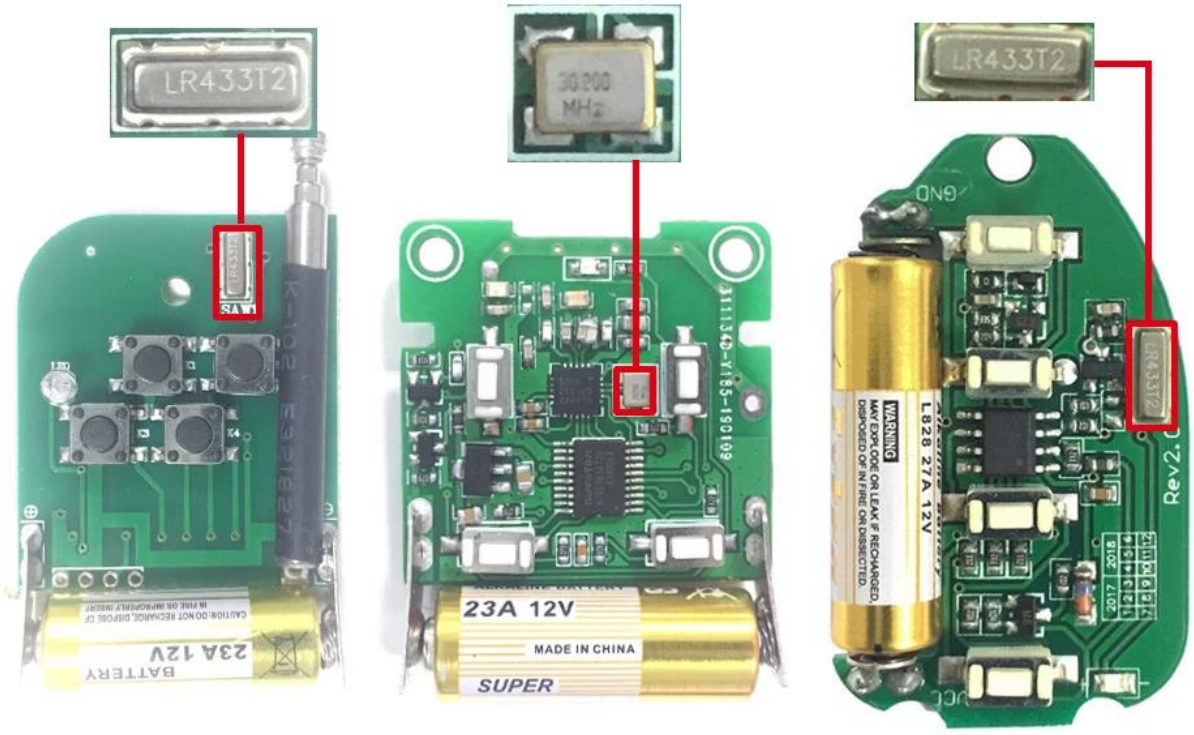

Figure 1: Internal components of a remote control, highlighting the frequency crystal (LR433T2, 38.000 MHz) and code chip.



Figure 2: Common applications for the remote control, including garage doors, automatic doors, and alarm systems.

Feature	Specification
Material	Plastic
Color	Black (as shown in product images)
Type	Wireless Remote Control Duplicator
Rated Voltage	12V (27A 12V Battery included)
Wireless Transmission Distance	50 meters (open space)
Frequency	433 MHz / 433.92 MHz
Channel	4
Wireless Communication	RF
Certification	CE

Compatible Chip Types for Cloning:

This duplicator is compatible with a wide range of fixed code and learning code chipsets. The digital portion of the chip model must be the same as your original remote control.

- 2260 (PT2260, SC2260, LX2260, HX2260)
- 2262 (PT2262, SC2262, LX2262, HS2262, HX2262)
- PT2264, PT2240 (LX2240)
- 1527 (EV1527, HS1527, HX1527)
- FP527, CS5211, SMC918, SMC926
- AX5026, AX5326-3, AX5326-4
- HT600, HT680, HT6207, HT6010, HT6012, HT6013, HT6014

- HT12D, HT46F49E, PIC16F629, PIC16F630
- And other compatible chipsets.

Note: For rolling code remote controls, the duplicator may copy the code, but re-matching with your original receiver according to its manual is often required for full functionality.



Figure 3: Visual guide to compatible chip types for cloning.

4. Package Contents

Your package includes the following:

- 433MHz Wireless Remote Control Duplicator (quantity as per order: 5, 10, or 20 pieces)
- 27A 12V Battery (pre-installed in each remote)

5. Setup and Programming

Before proceeding, please ensure your original remote control's frequency and chip model are compatible with this duplicator. The duplicator operates at 433MHz / 433.92MHz.

Step 1: Clear Code (Resetting the Duplicator)

1. Hold down the **Unlock key (A)** and **Lock key (B)** simultaneously on the duplicator.
2. The LED light will rapidly flash 3 times in approximately 2 seconds.
3. Release one of the fingers (e.g., from the Lock key) while keeping the other finger pressed on the Unlock key.
4. With the released finger, quickly click the released button (e.g., Lock key) three times.
5. The LED light will flash quickly, indicating the code is cleared.
6. Release both buttons.
7. Press any key on the duplicator. If the LED light goes off, the code clearing was successful (all four keys are now empty). If the light remains on, the original code was not cleared successfully. Repeat the process until successful.

This step ensures that any previous codes stored on the duplicator are erased, preparing it for new programming.

Step 2: Copy Code (Cloning from Original Remote)

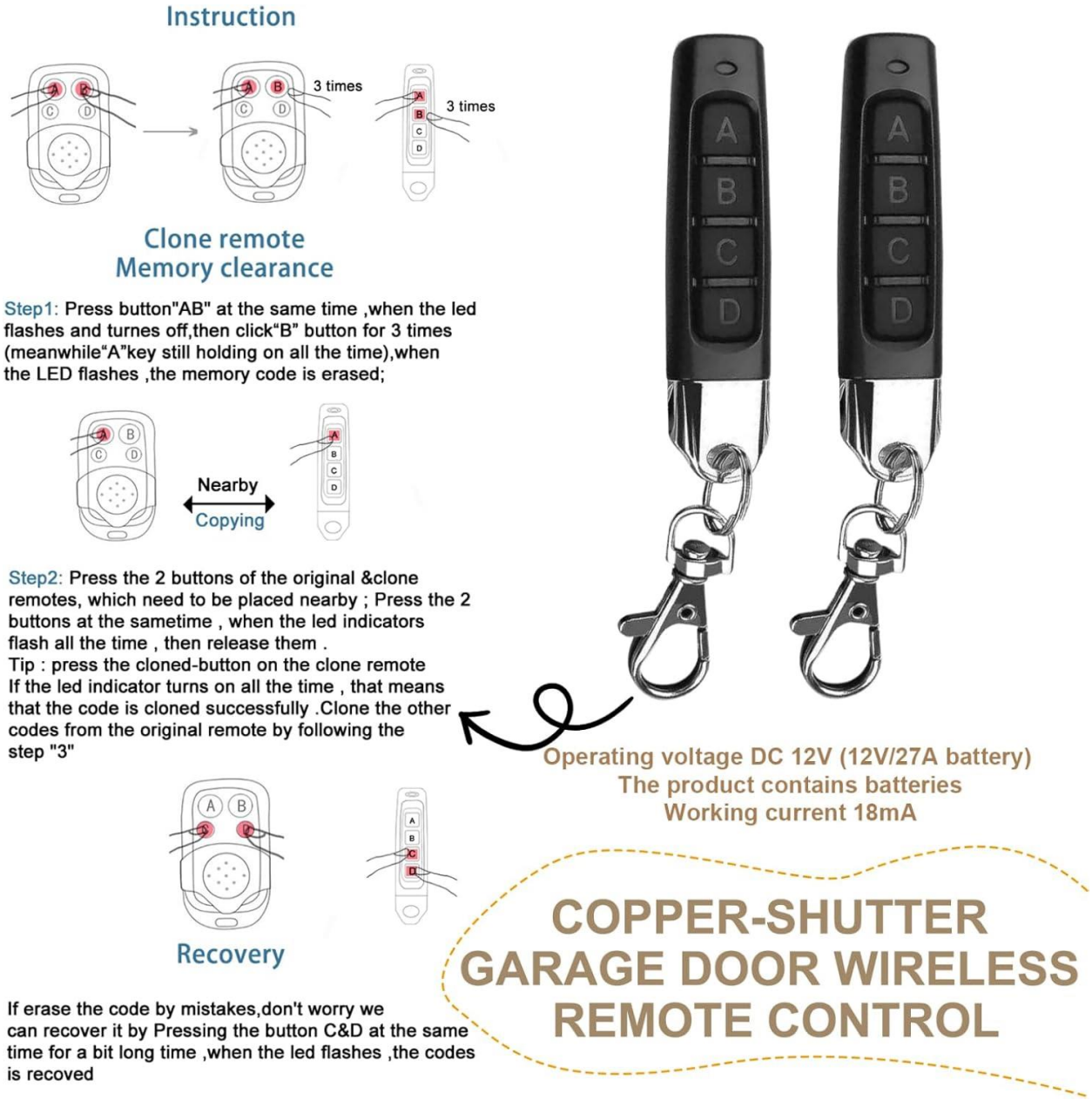

Figure 6: Position the original and duplicator remotes close together for optimal copying.

1. Hold your original remote control in your left hand and the duplicator in your right hand.
2. Keep the two remote controls as close as possible, ideally touching or within 10mm.
3. Simultaneously press the desired button on your original remote (e.g., button 1) and the corresponding button on the duplicator (e.g., button A).
4. In approximately 2 seconds, the LED light on the duplicator will flash quickly 2 times.

5. After another second, the indicator light will flash steadily. This means the duplicating for that button has succeeded.
6. Release your fingers from both buttons.
7. Press the newly programmed button on the duplicator. If the light stays on, the code has been successfully copied.
8. Repeat this method for the remaining buttons (B, C, D) as needed.

Once the copy is successful, the duplicator's function for that button will be the same as the original remote control.

Step 3: Restore Code (If Code is Accidentally Cleared)

If you accidentally clear the copied code from the duplicator, you can restore it:

1. Simultaneously press and hold the bottom two keys (C and D) on the duplicator.
2. The LED lights will flash quickly.
3. Release the buttons after the quick flashes.
4. Press any key on the duplicator. If the light stays on, the last stored code has been restored.

Step 4: Addressing Partial Key Control Issues

If some keys on the duplicator work but others do not, follow these steps:

1. First, perform a full code clear (Step 1).
2. After clearing the code, copy only the unsuccessful key(s) again (Step 2). There is no need to copy the already working buttons.
3. Then, perform another full code clear (Step 1).
4. Finally, restore the code (Step 3). At this point, the original keys that were not successfully copied should now be covered by new codes, and the original keys that were successfully copied should be retained.

If the keys are still not copied successfully after repeating these steps, continue repeating the process until all keys function correctly.

6. Troubleshooting

Q: The duplicator does not seem to copy the code.

A: Ensure the original remote control is functioning correctly. Verify that the duplicator's code has been successfully cleared (LED off when any button is pressed). Make sure the original and duplicator remotes are held very close during the copying process. Check if your original remote's frequency and chip type are listed as compatible. Some rolling code remotes require additional steps after cloning (see User Tips).

Q: Only some buttons work after cloning.

A: Refer to "Step 4: Addressing Partial Key Control Issues" in the Setup and Programming section to re-program the non-working buttons.

Q: The duplicator works after cloning but doesn't control the device (e.g., garage door).

A: For rolling code remote controls, simply cloning may not be enough. You might need to register the new duplicator with your device's receiver. Consult the original manual for your device (e.g., garage door opener) for instructions on how to add a new remote control.

Q: The duplicator is not 433MHz. Is it compatible with 316MHz?

A: No, this specific model operates at 433MHz / 433.92MHz and is not compatible with 316MHz frequencies.

Q: What type of battery does it use?

A: The remote control uses a 27A 12V battery, which is included and pre-installed.

7. User Tips

- **Verify Compatibility:** Always confirm that your original remote control's frequency (e.g., 433MHz) and chip model are compatible with this duplicator before attempting to copy.
- **Rolling Code Remotes:** If your original remote uses a rolling code, after successfully cloning the code to the duplicator, you will likely need to register the new duplicator with your device's receiver. Refer to your device's original instruction manual for this procedure.
- **Optimal Cloning Distance:** For best results during the copying process, ensure the original remote and the duplicator are held very close, ideally touching or within 10mm.
- **Battery Included:** Each remote control comes with a pre-installed 27A 12V battery.

8. Warranty and Support

This product comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. For any issues or support inquiries, please contact the seller or refer to the provided documentation.

9. CE Certification

This product bears the CE mark, indicating its conformity with all applicable European Union regulations. The "Conformité Européenne" (CE) mark confirms that the product meets the essential requirements for health, safety, environmental protection, and consumer protection as laid down in EU directives. By affixing the CE marking, the manufacturer declares that the product is in compliance with all legal requirements for CE marking and may be placed on the market throughout the European Economic Area.

CE