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Rollerhouse DC2702

Rollerhouse DC2702 15-Channel Wireless RF Remote Control User Manual

Model: DC2702 | Brand: Rollerhouse

1. INTRODUCTION

This user manual provides comprehensive instructions for the Rollerhouse DC2702 15-Channel Wireless RF Remote Control. This remote is designed to operate motorized curtains, blinds, and shades using Radio Frequency (RF) technology. Please read this manual carefully before use to ensure proper operation and to maximize the lifespan of your device.

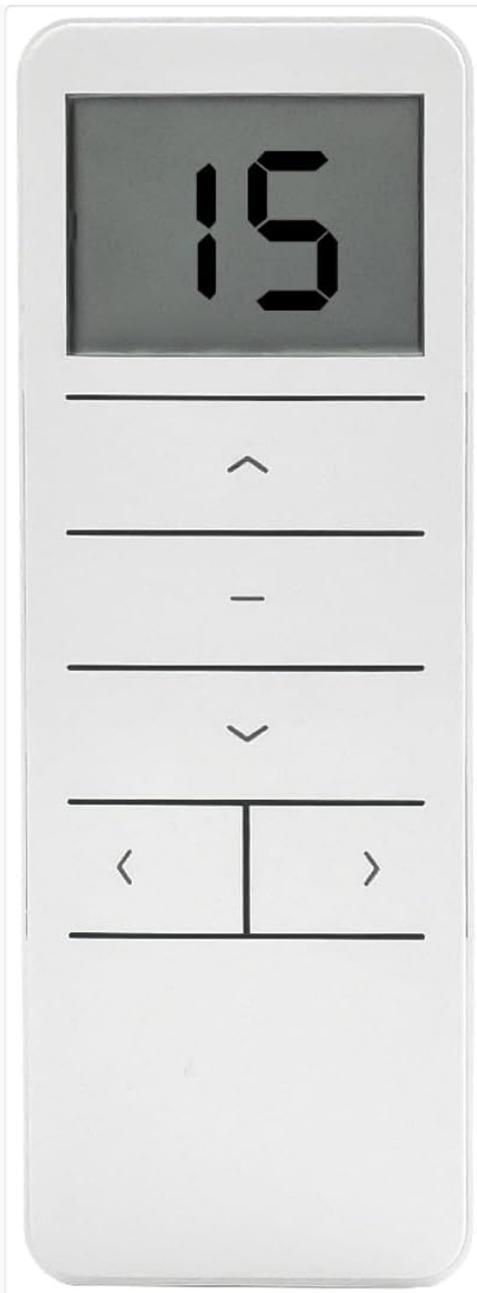


Figure 1: Rollerhouse DC2702 Remote Control - Front View

2. PRODUCT OVERVIEW

The DC2702 remote features a clear digital display and intuitive buttons for easy control of up to 15 individual or grouped motorized devices.

2.1 Components and Button Functions

CONTROL SYSTEM

Group Controller

DC2702 15-channel Emitter

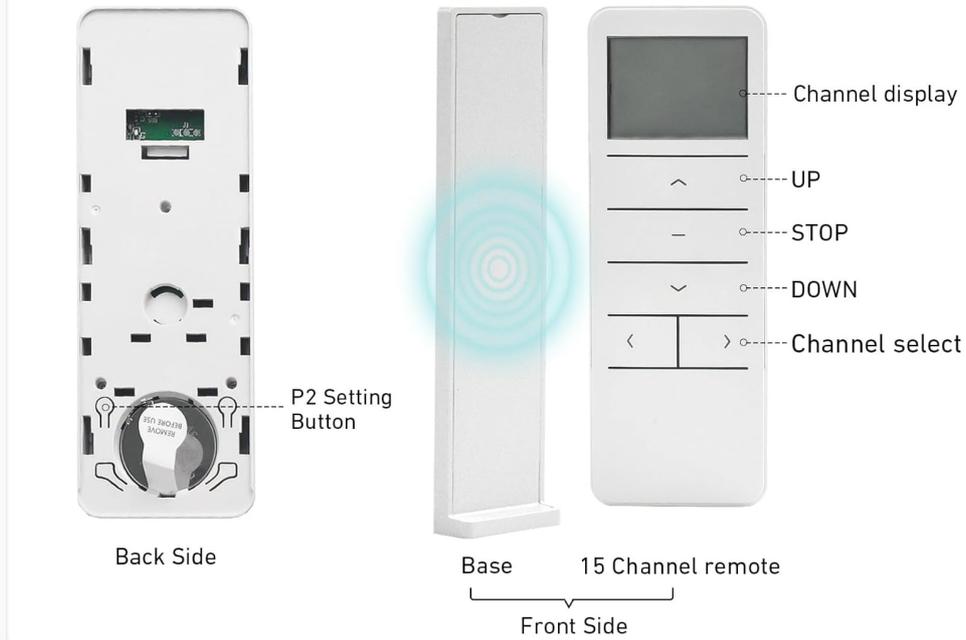


Figure 2: DC2702 Remote Control - Labeled Components

- **Channel Display:** Shows the currently selected channel number (1-15).
- **UP Button (▲):** Moves the curtain/blind upwards.
- **STOP Button (—):** Stops the movement of the curtain/blind.
- **DOWN Button (▼):** Moves the curtain/blind downwards.
- **Channel Select Buttons (<, >):** Used to cycle through the 15 available channels.
- **P2 Setting Button:** Located on the back of the remote. Used for pairing and advanced settings (refer to motor's manual for specific programming steps).

3. SPECIFICATIONS

Feature	Specification
Model Number	DC2702
Brand	Rollerhouse
Channels	15
Radio Frequency	433.92 MHz
Battery Type	3V CR2450 Lithium Metal Battery
Battery Life	> 2 years

Feature	Specification
Control Range (Outdoor)	200 meters (approx. 656 feet)
Control Range (Indoor)	35 meters (approx. 115 feet)
Dimensions (L x W x H)	130 x 44 x 10.5 mm (approx. 5.12 x 1.73 x 0.41 inches)
Operating Temperature	-10°C to +50°C (14°F to 122°F)
Weight	99.8 grams (approx. 3.52 oz)

4. SETUP

4.1 Battery Installation

The DC2702 remote requires one CR2450 lithium metal battery. Follow these steps to install or replace the battery:

1. Locate the battery compartment cover on the back of the remote control.
2. Gently slide or pry open the cover. Some models may require a small screwdriver.
3. Insert the CR2450 battery with the positive (+) side facing upwards, as indicated inside the compartment.
4. Replace the battery compartment cover, ensuring it clicks securely into place.

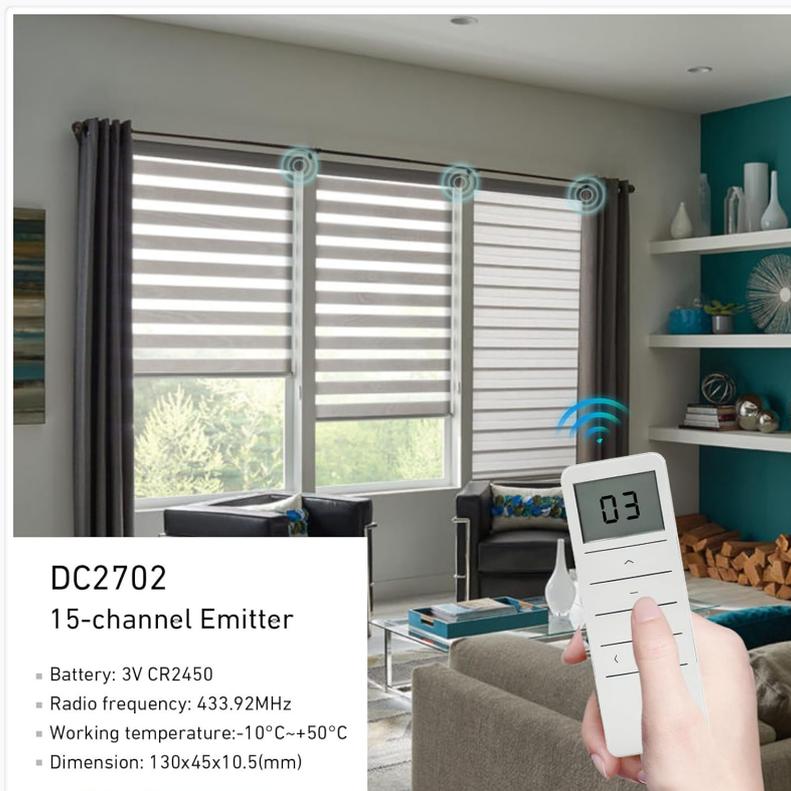


Figure 3: Remote Control and Packaging Contents

4.2 Pairing with Motorized Devices

The DC2702 remote control needs to be paired with your motorized curtain or blind motor before use. The pairing process can vary depending on the specific motor model. Always refer to the instruction manual provided with your motor for precise pairing steps.

General Pairing Principle (May Vary):

- Typically, motors have a programming button or a specific power cycle sequence to enter pairing mode.
- Once the motor is in pairing mode, you will usually press a button on the new remote (often the P2 button on the back, or a combination of main buttons) to send the pairing signal.
- The motor usually provides a confirmation (e.g., a jog, beep, or light flash) when pairing is successful.
- If pairing multiple motors to one channel, ensure all motors are in pairing mode simultaneously or pair them one by one to the desired channel.

Important: Incorrect pairing procedures can lead to unintended operation. If you encounter difficulties, consult your motor's manual or contact the motor manufacturer's support.

5. OPERATING INSTRUCTIONS

Once paired, operating your motorized devices with the DC2702 remote is straightforward.

5.1 Selecting a Channel

The DC2702 remote can control up to 15 individual channels or groups of devices. To select a channel:

- Press the **Channel Select Left (<)** or **Channel Select Right (>)** buttons.
- The digital display will show the selected channel number (1-15).
- Select channel "0" (or "ALL" depending on motor/remote version) to control all paired devices simultaneously.

5.2 Controlling Your Devices

After selecting the desired channel, use the main control buttons:

- Press the **UP (▲)** button to raise the curtain/blind.
- Press the **DOWN (▼)** button to lower the curtain/blind.
- Press the **STOP (—)** button to halt the movement at any desired position.



Figure 4: Operating the DC2702 Remote Control

6. COMPATIBILITY

The Rollerhouse DC2702 remote control is designed to be compatible with various RF motorized curtain and blind systems, particularly those operating on 433.92 MHz frequency. It is often compatible with Dooya brand motors and can serve as a replacement for existing remotes of similar shape or model.

How to Choose the Best Remote for your Blinds, Shades, Screens?

Not sure if yours is compatible?

Send us a picture of the front and the back of your remote control to our team and we will assist you.

NOTICE

1. Can be a replacement of yours with the same shape or model.
2. Please note it does not match any other brand, please double-check the brand when place the order.



Figure 5: Compatibility Guidance

Important Compatibility Notice:

- This remote is primarily a replacement for existing remotes of the same shape or model.
- It may not be compatible with all brands of motorized systems, even if they operate on a similar frequency.
- Always verify compatibility with your specific motor or existing remote before purchase.



Figure 6: List of Compatible Remote Models

Known compatible Rollerhouse/Dooya remote models include:

- DC1600, DC1602, DC1603, DC1660, DC2700, DC2702, DC1662, DC1670, DC1671, DC1672, DC1673, DC1800, DC1802, DC1520, DC1522, DC1530, DC2760, DC90.

7. MAINTENANCE

7.1 Battery Replacement

Replace the CR2450 battery when the remote's range decreases significantly or the display becomes dim. Refer to Section 4.1 for battery installation instructions.

7.2 Cleaning

To clean the remote control, use a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the remote in water, as this can damage the electronic components.

7.3 Storage

Store the remote control in a dry place, away from direct sunlight and extreme temperatures. If storing for an extended period, it is advisable to remove the battery to prevent leakage.

8. TROUBLESHOOTING

If you experience issues with your Rollerhouse DC2702 remote control, try the following troubleshooting steps:

Problem	Possible Cause	Solution
Remote not responding / No display	Dead or incorrectly installed battery.	Check battery orientation. Replace battery (CR2450).
Limited control range	Low battery; Obstructions between remote and motor; Interference.	Replace battery. Reduce obstructions. Move closer to the motor.
Motor not responding to remote	Remote not paired with motor; Incorrect channel selected; Motor power off.	Ensure motor is powered on. Verify correct channel is selected. Re-pair the remote with the motor (refer to motor's manual).
Motor moves in wrong direction	Motor direction needs adjustment.	This setting is typically adjusted on the motor itself or during the initial pairing process. Refer to your motor's instruction manual.

If the problem persists after trying these solutions, please refer to the instruction manual of your motorized device or contact customer support.

9. WARRANTY AND SUPPORT

Rollerhouse products are manufactured to high-quality standards. For specific warranty information regarding your DC2702 remote control, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact Rollerhouse customer service or the seller from whom you purchased the product. When contacting support, please have your product model (DC2702) and purchase details ready.

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