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› Rollerhouse DD2702H 15 Channel Bi-Directional Transmitter for Bi-Directional Controlled Curtain Motor and Rechargeable Battery Motor User Manual

## Rollerhouse DD2702H

# Rollerhouse DD2702H 15 Channel Bi-Directional Transmitter User Manual

Model: DD2702H

## 1. INTRODUCTION

This user manual provides detailed instructions for the operation and maintenance of the Rollerhouse DD2702H 15 Channel Bi-Directional Transmitter. This remote control is designed to operate bi-directional controlled curtain motors and rechargeable battery motors, offering convenient control for up to 15 motorized products such as awnings, shades, and rolling shutters.



Figure 1: Front and back view of the DD2702H transmitter, showing the LCD display and control buttons on the front, and product information on the back.

## 2. PRODUCT FEATURES

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- 15-channel bi-directional remote control for versatile motor operation.
- Specifically designed for bi-directional motors (default factory setting).
- Capable of controlling up to 15 individual motorized products (e.g., awnings, shades, rolling shutters).
- Operates on an emission frequency of 433.92 MHz.
- Effective emission distance: up to 200 meters outdoors and 35 meters indoors (through 2 walls).
- Includes a CR2450 3V battery and a magnetic wall-mounted holder for convenient storage.
- Features an LCD display for channel indication.

## 3. SPECIFICATIONS

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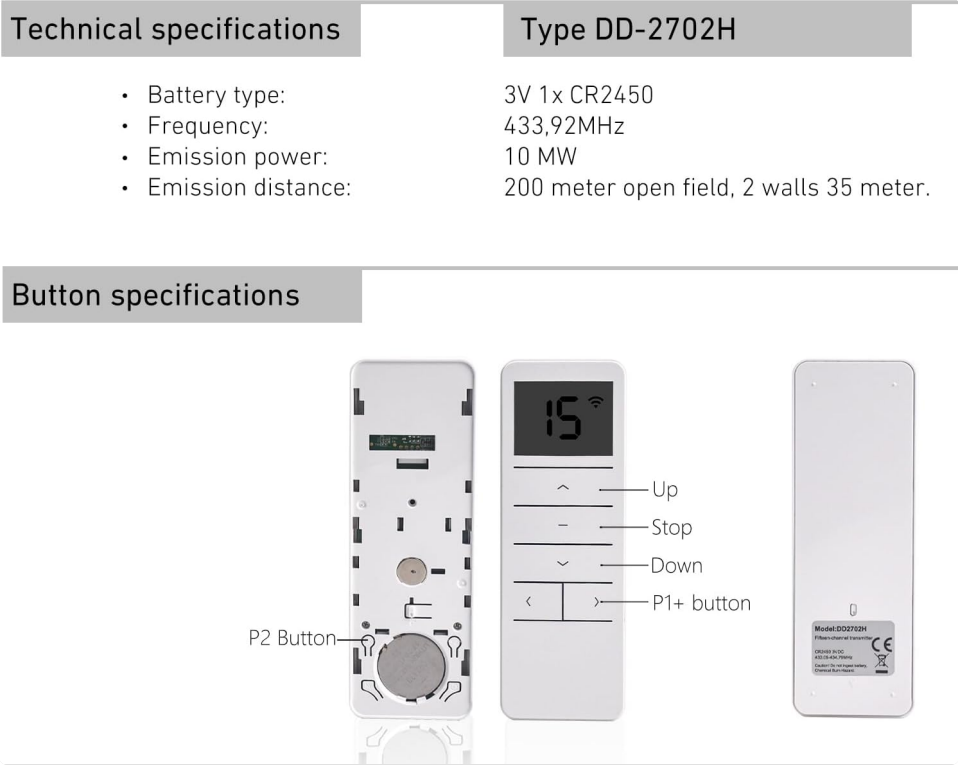


Figure 2: Detailed technical specifications and button identification for the DD2702H transmitter.

Table 1: DD2702H Transmitter Specifications

| Feature            | Detail                                     |
|--------------------|--------------------------------------------|
| Model              | DD2702H                                    |
| Battery Type       | 1 x CR2450 3V Lithium Metal (included)     |
| Emission Frequency | 433.92 MHz                                 |
| Emission Power     | 10 mW                                      |
| Emission Distance  | 200m outdoor, 35m indoor (through 2 walls) |
| Product Dimensions | 5.5"L x 2.2"W (2.2"W x 5.5"H)              |
| Item Weight        | 2.89 ounces                                |
| Color              | White                                      |
| Material           | Plastic                                    |
| Control Type       | Motorized                                  |

4. SETUP AND INSTALLATION

4.1 Battery Installation

The DD2702H transmitter comes with a CR2450 3V battery included. To install or replace the battery:

1. Locate the battery compartment on the back of the transmitter.
2. Use a small tool, such as a SIM card pin or a mini screwdriver, to gently press the elastic button inside the small hole to release the battery cover.

3. Insert the CR2450 battery with the positive (+) side facing up.
4. Replace the battery cover, ensuring it clicks securely into place.

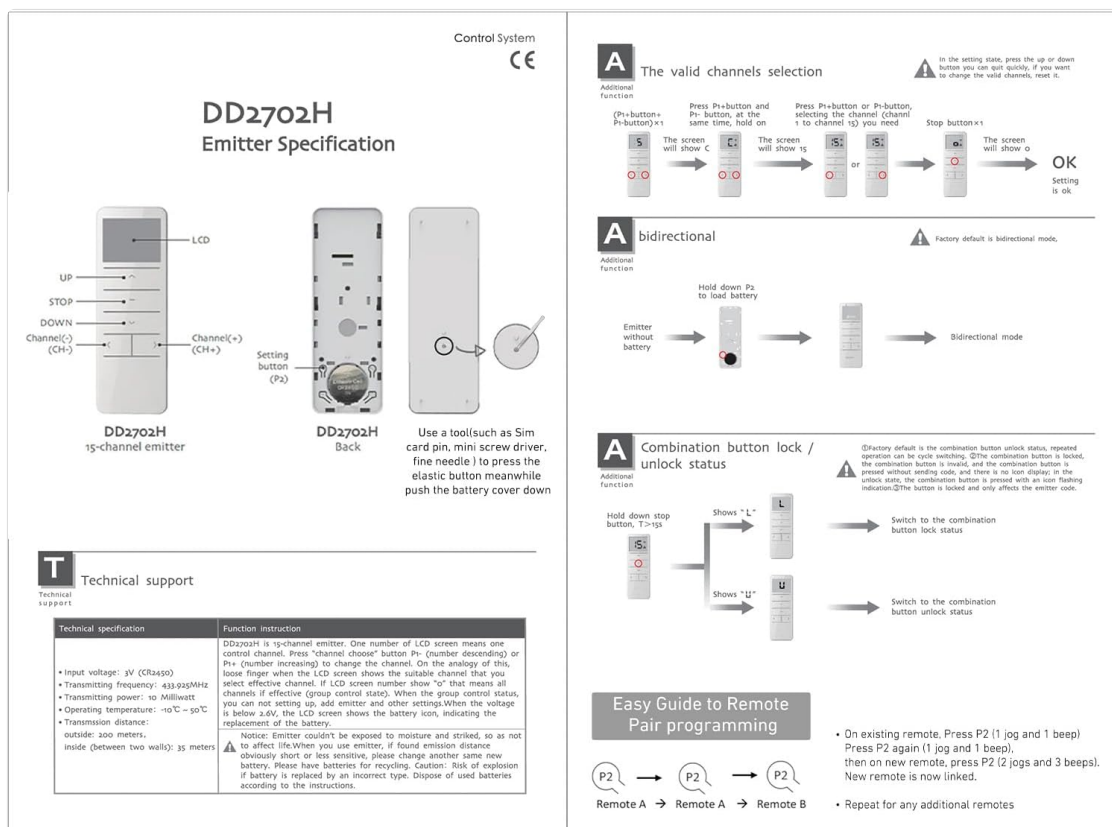


Figure 3: Detailed diagram of the DD2702H remote, illustrating the battery compartment access and button labels.

**Note:** Dispose of used batteries according to local regulations. If the remote is not used for an extended period, remove the battery to prevent leakage.

## 4.2 Remote Pairing (Linking a New Remote)

To link a new DD2702H remote to an existing motor or to another remote:

1. On the **existing remote** that is already paired with the motor, press the **P2 button** once. The motor will respond with 1 jog and 1 beep.
2. Press the **P2 button** on the existing remote again. The motor will respond with 1 jog and 1 beep.
3. Within a few seconds, on the **new remote** you wish to link, press the **P2 button**. The motor will respond with 2 jogs and 3 beeps, indicating successful linking.
4. The new remote is now linked and ready to control the motor. Repeat this process for any additional remotes you wish to link.

## Easy Guide to Remote Pair programming



- On existing remote, Press P2 (1 jog and 1 beep)  
Press P2 again (1 jog and 1 beep),  
then on new remote, press P2 (2 jogs and 3 beeps).  
New remote is now linked.
- Repeat for any additional remotes

Figure 4: Visual guide for the easy remote pair programming process.

## 5. OPERATION

The DD2702H transmitter allows for precise control of your motorized products. Familiarize yourself with the main control buttons:

- **UP (▲):** Moves the curtain/shade upwards.
- **STOP (—):** Stops the motor at its current position.
- **DOWN (▼):** Moves the curtain/shade downwards.
- **Channel Selection (< / >):** Used to cycle through the 15 available channels. The current channel number is displayed on the LCD screen.
- **P1+ Button:** Located on the front, below the channel selection buttons. Used for advanced programming functions.
- **P2 Button:** Located inside the battery compartment. Used for pairing and other system settings.



Figure 5: The DD2702H remote in use, displaying channel 15 on its LCD screen.

### 5.1 Channel Selection

The DD2702H supports up to 15 channels, allowing you to control multiple motors independently or in groups. To select a channel:

- Press the < or > buttons to navigate through channels 1 to 15.
- The selected channel number will be displayed on the LCD screen.
- Ensure the correct channel is selected before operating a motor.

For detailed programming of channels and motor limits, refer to the comprehensive diagram in Figure 3, specifically the "The valid channels selection" and "A combination button lock / unlock status" sections.

## 6. TROUBLESHOOTING

If you encounter issues with your DD2702H transmitter, consider the following common solutions:

- **Remote not responding:**
  - Check the battery. Replace it if it's low or depleted.
  - Ensure the remote is within the effective emission distance (200m outdoor, 35m indoor).
  - Verify that the correct channel is selected on the remote for the motor you are trying to control.
  - Re-pair the remote with the motor if it has become unlinked (refer to Section 4.2).
- **Motor not responding to commands:**
  - Confirm the motor is powered on and functioning correctly.
  - Ensure there are no obstructions between the remote and the motor that could interfere with the signal.
- **Compatibility Issues:**
  - The DD2702H is designed for bi-directional motors. Ensure your motor is compatible.
  - This remote is primarily a replacement for the same model. It may not be compatible with other brands. Always double-check brand compatibility before purchase or use.

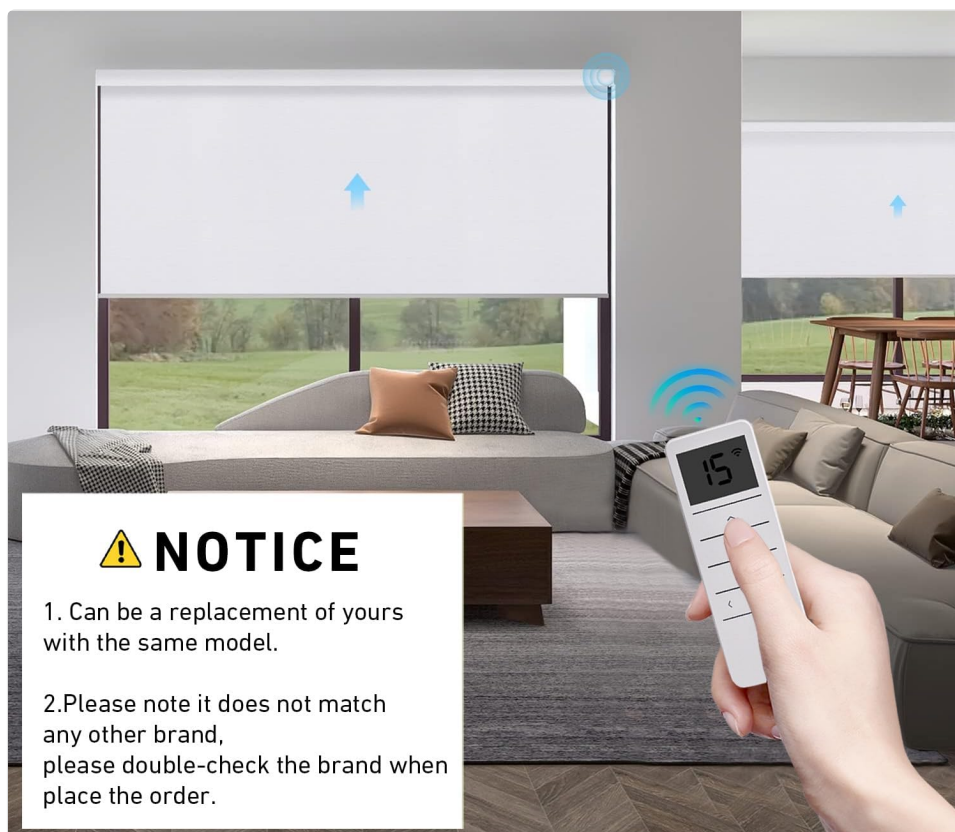


Figure 6: Important notice about the DD2702H's compatibility as a replacement and the need to verify brand.

## 7. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the surface of the transmitter. Avoid using abrasive cleaners or solvents.
- **Battery Replacement:** Replace the CR2450 3V battery when the LCD display becomes dim or the remote's range decreases. Refer to Section 4.1 for battery installation instructions.
- **Storage:** Store the transmitter in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, remove the battery.

## 8. SAFETY INFORMATION

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- Do not ingest the battery. Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Do not expose the transmitter to water or excessive humidity. It is not water resistant.
- Do not attempt to disassemble or modify the transmitter. This will void the warranty and could cause damage or injury.
- Ensure the motor antenna is kept straight and away from metal objects to maximize signal reception.

## 9. WARRANTY AND SUPPORT

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For warranty information or technical support regarding your Rollerhouse DD2702H transmitter, please contact Rollerhouse customer service. Refer to the product packaging or the official Rollerhouse website for contact details.

**Manufacturer:** Rollerhouse

**Country of Origin:** USA



Figure 7: The DD2702H remote control alongside its retail packaging, displaying product information.

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For more information, visit [the Rollerhouse Store on Amazon](#).

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#### 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

#### Answered questions about this manual

##### How can I reset the Rollerhouse DD2702H remote control after incorrect programming?

The Rollerhouse DD2702H manual does not specify a single "factory reset" button for the remote itself, but you can resolve programming errors by re-pairing the device or clearing motor settings. Here are the recommended...

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