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AUDEEKON DD1802H

AUDEEKON DD1802H 15-Channel Bi-Directional Motor Controller Instruction Manual

Model: DD1802H

1. PRODUCT OVERVIEW

The AUDEEKON DD1802H is a 15-channel remote control designed for managing bi-directional motors, including those found in motorized roller shades, blinds, retractable awnings, and gates. This controller offers convenient wireless operation and features an LCD display for channel indication. It is specifically designed for use with compatible bi-directional motor systems.



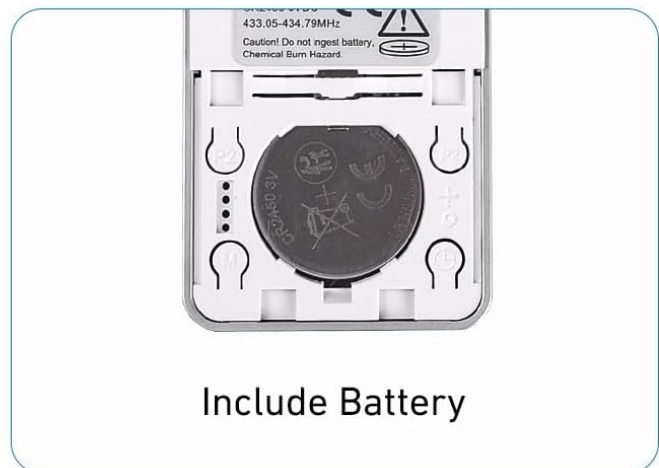
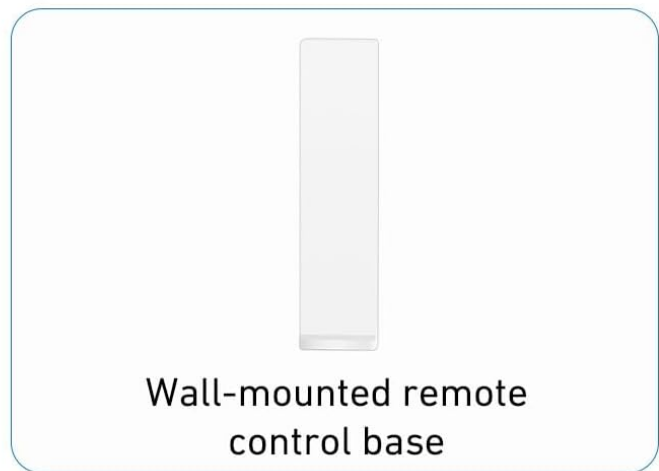
The AUDEEKON DD1802H 15-channel remote control unit shown with its accompanying wall mount bracket and installation screws.

2. PACKAGE CONTENTS

Upon opening the package, verify that all the following items are present:

- 1x DD1802H 15-Channel Controller
- 1x Magnetic Back Cover (Wall Mount Base)
- 1x Instruction Manual
- Installation Screws and Wall Plugs

15-Channel Remote Control



Wireless remote to control shades up and down instead of manual chain control.

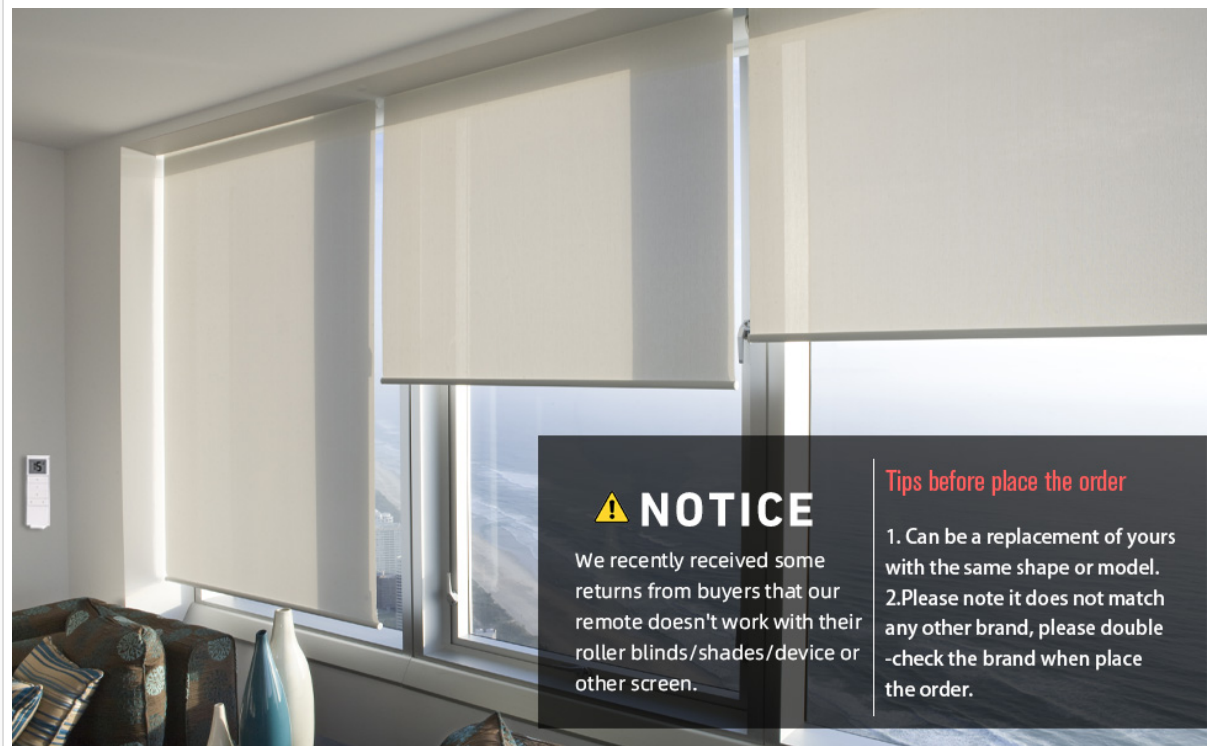
This image displays the main components: the 15-channel remote control, its wall-mounted base, and a close-up of the battery compartment showing the included battery.

3. SETUP AND INSTALLATION

3.1 Battery Installation

The DD1802H remote control uses a CR2450 lithium cell battery. To install or replace the battery:

1. Locate the battery compartment on the back of the remote control.
2. Use a small tool (such as a SIM card pin, mini screwdriver, or fine needle) to press the elastic button while simultaneously pushing the battery cover down to open it.
3. Insert the CR2450 battery with the positive (+) side facing up.
4. Close the battery cover securely.



Detailed view of the DD1802H remote control's back, showing the battery compartment, CR2450 battery, and the P2 setting button.

3.2 Wall Mounting

The included magnetic back cover allows for convenient wall mounting of the remote control:

1. Choose a suitable location on a wall for the magnetic back cover.
2. Use the provided screws and wall plugs to securely attach the magnetic back cover to the wall.
3. The remote control can then be magnetically attached to the installed base for easy storage and access.

The base can be installed on the wall and the remote control can be attached to the base



A hand demonstrates attaching the DD1802H remote control to its wall-mounted base, highlighting the magnetic attachment for easy access and storage.

4. OPERATING INSTRUCTIONS

4.1 Basic Functions

The DD1802H remote control features intuitive buttons for basic operation:

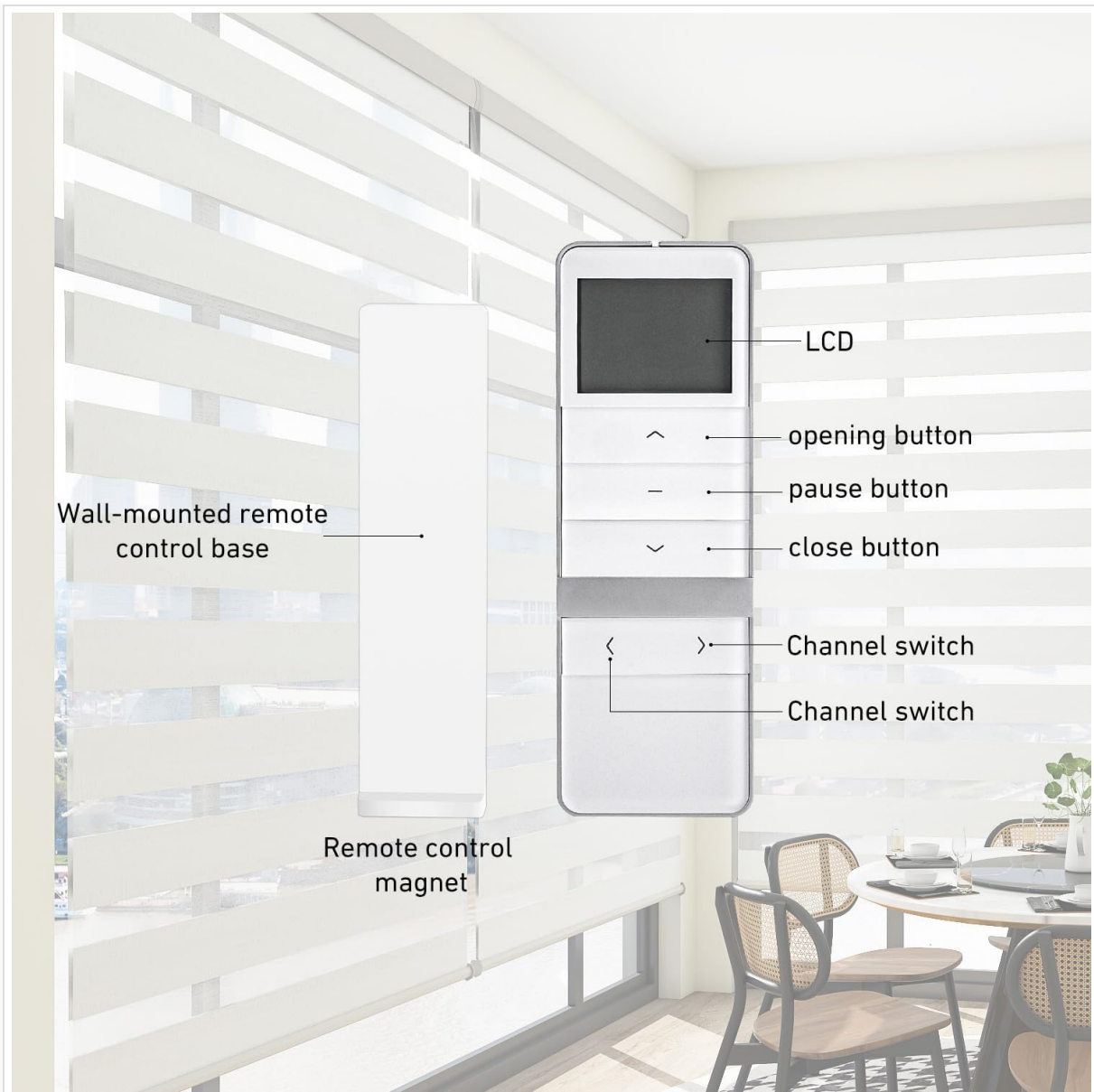
- **Opening Button (Up Arrow):** Moves the connected device (e.g., shade) upwards.
- **Pause Button (Dash):** Stops the movement of the connected device.
- **Close Button (Down Arrow):** Moves the connected device downwards.

4.2 Channel Switching

The remote supports up to 15 channels, allowing control of multiple devices or groups of devices. Use the channel switch buttons to select the desired channel:

- **Channel Switch (Left Arrow):** Decreases the channel number.
- **Channel Switch (Right Arrow):** Increases the channel number.

The currently selected channel number will be displayed on the LCD screen.



This diagram illustrates the functions of each button on the DD1802H remote control, including the LCD display, opening button, pause button, close button, and channel switch buttons.

4.3 Switching Between One-way and Two-way Mode

The DD1802H remote is set to two-way mode by default. To switch between one-way and two-way mode:

1. Remove the battery from the remote control.
2. Press and hold the **P2 button** (located in the battery compartment) while reinserting the battery.
3. Observe the display: If '1' is displayed, one-way mode is activated. If '2' is displayed, two-way mode is activated.



P2 button

Note:

If your existing remote is DC1802 15 channel remote, it means your existing blind motors are Uni-directional motors, if you lost DC1802 remote or your DC1802 Uni-directional remote is faulty, you can still buy this DD1802H remote as replacement to control your Uni-directional motors, the only thing you need to do is changing the switch mode from default Bi-Directional mode to Uni-directional mode first.

Switch Between One-way & Two-way Mode

The remote is by default in two-way mode, to switch between one-way or two-way mode, please see below steps:

- 1 Remove battery
- 2 Press & hold P2 while putting the battery back in

Tips: for step 2, try to hold the remote with screen facing you, if "1" is displayed, one-way mode is activated, if "2" is displayed, two way mode is activated.

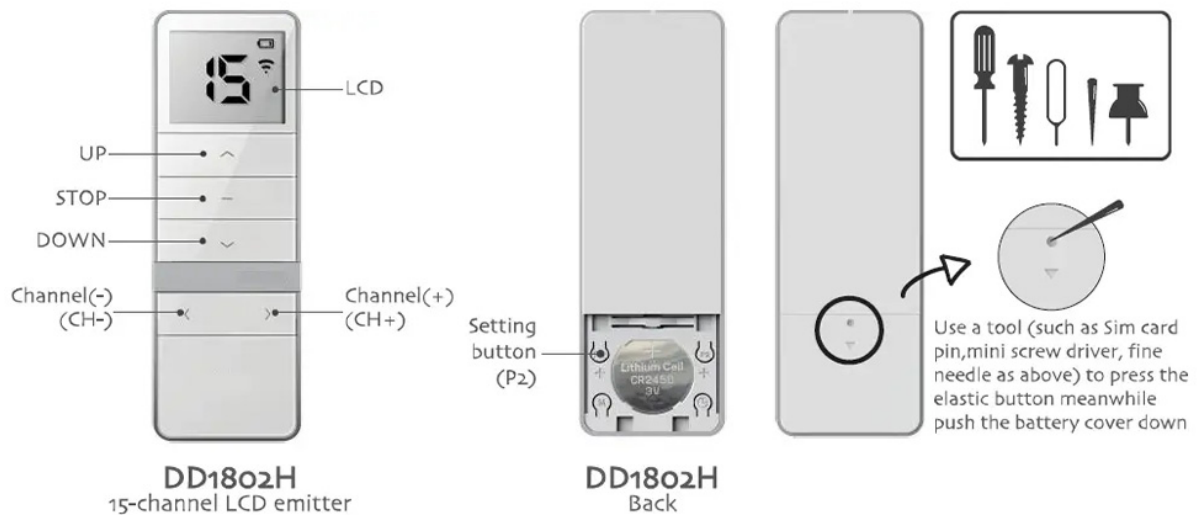


This image provides detailed steps for switching the remote's operating mode between one-way and two-way control, along with visual indicators.

4.4 Pairing/Unpairing Additional Remotes

To link a new DD1802H remote (Remote B) to an existing system controlled by another DD1802H remote (Remote A):

1. On the existing remote (Remote A), press the **P2 button** once. The motor will jog once and emit one beep.
2. Press the **P2 button** on Remote A again. The motor will jog once and emit one beep.
3. On the new remote (Remote B), press the **P2 button**. The motor will jog twice and emit three beeps.
4. The new remote (Remote B) is now linked. Repeat this process for any additional remotes.



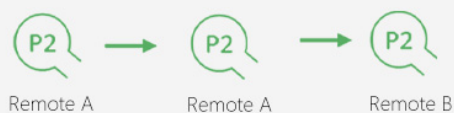
A visual guide illustrating the step-by-step process for pairing an additional DD1802H remote control to an existing system.

4.5 Lock/Unlock Status

To prevent accidental operation, the remote control buttons can be locked or unlocked:

- **To Lock:** Press and hold the **STOP button** for more than 15 seconds. The display will show 'L', then 'o', then 'c'. Release the button within 10 seconds. The remote is now locked.
- **To Unlock:** Press and hold the **STOP button** for more than 15 seconds. The display will show 'U', then 'n', then 'L'. Release the button within 10 seconds. The remote is now unlocked.

How to Pair/Unpair Additional Remotes



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

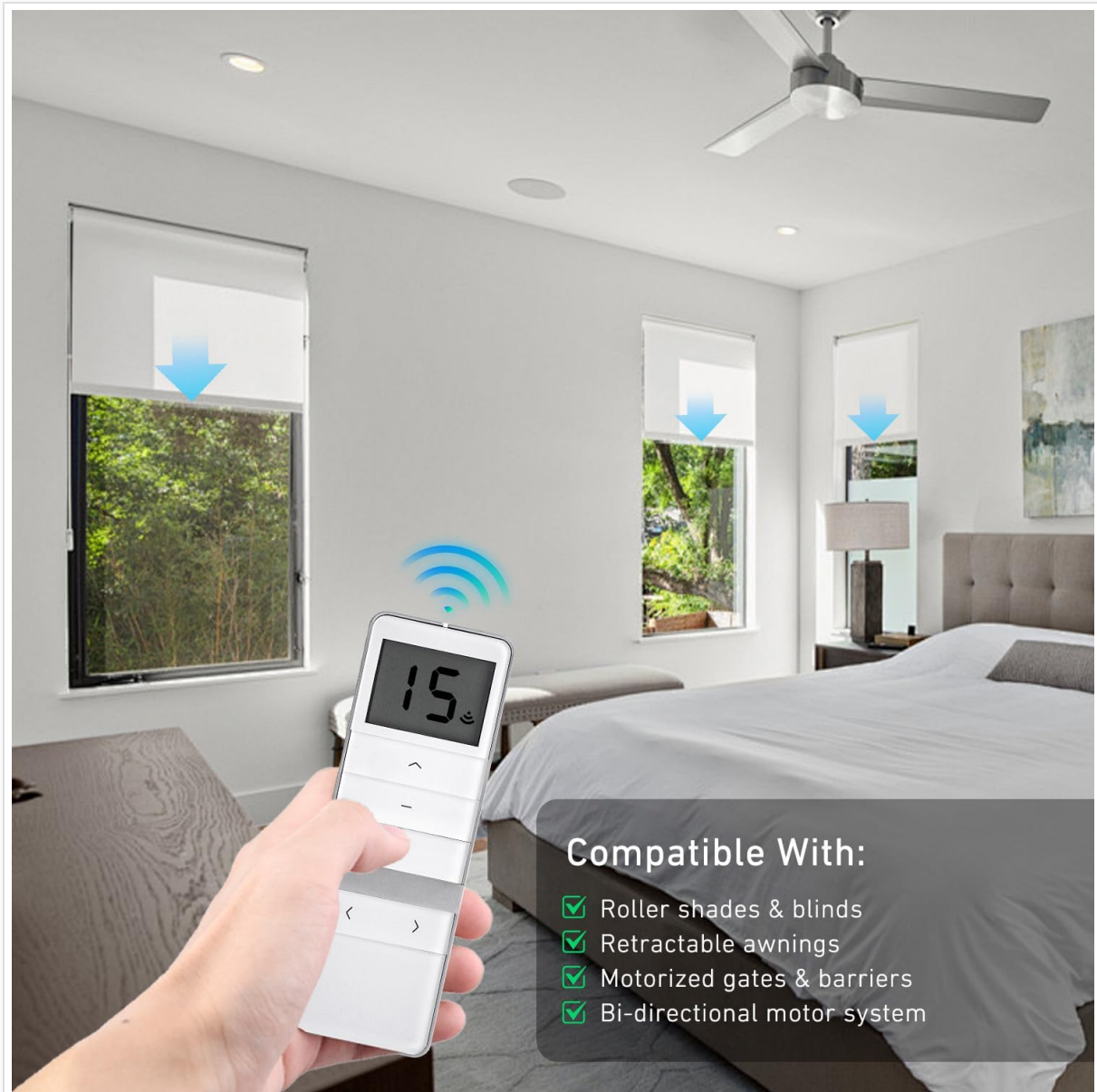


This diagram illustrates the sequence of button presses and display indicators for locking and unlocking the DD1802H remote control.

5. COMPATIBILITY

The AUDEEKON DD1802H controller is compatible with the following types of systems:

- Bi-directional control blind motors
- Rechargeable battery-powered bi-directional tubular motors
- Roller shades & blinds
- Retractable awnings
- Motorized gates & barriers
- Bi-directional motor systems



The DD1802H remote control is shown operating roller shades, with a list of compatible devices including roller shades & blinds, retractable awnings, motorized gates & barriers, and bi-directional motor systems.

Press and hold
STOP button
more than 15s



Display
"L"



Combination
button is locked

Release
button

T<10S



Display
"□"



Lock status

Press and hold
STOP button
more than 15s



Display
"U"



Combination
button unlock

Release
button

T<10S



Display
"□"



Unlock status

This image illustrates various types of window coverings and outdoor shading systems compatible with the DD1802H remote control, such as Shangri-La shades, outdoor shades, Roman shades, roller shades, zebra shades, and dual roller shades.

6. SPECIFICATIONS

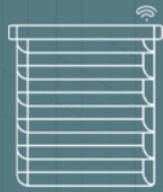
Feature	Specification
Model Number	DD1802H-88
Brand	AUDEEKON
Max Number of Supported Devices	15
Compatible Devices	Bi-Directional Motors
Special Feature	No Programming Required (for basic pairing)
Color	White
Item Weight	3.2 ounces
Package Dimensions	5.5 x 2.59 x 0.9 inches

7. IMPORTANT NOTES AND TROUBLESHOOTING

Note on Replacement: If your existing remote is a DC1802 15-channel remote, and your blind motors are Uni-directional, you can still use this DD1802H as a replacement. The only necessary step is to change the switch mode from the default Bi-Directional mode to Uni-directional mode first (refer to Section 4.3).

Applicable Type

Universal remote control



Shangri-La Shades



Outdoor Shades



Roman Shades



Roller Shades



Zebra Shades



Dual Roller Shades

This notice provides crucial tips before purchasing, emphasizing that the remote is a replacement for specific models and may not be compatible with other brands.

Compatibility Check: This remote control is designed for specific devices and is not a universal remote. Always double-check the model of your existing emitter and ensure compatibility with AUDEEKON bi-directional motor systems before purchasing or attempting to pair.