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HUIYEETEX DC2702

HUIYEETEX 15 Channel Wireless RF Controller User Manual

Model: DC2702 | Brand: HUIYEETEX

1. PRODUCT OVERVIEW

The HUIYEETEX 15 Channel Wireless RF Controller (Model: DC2702) is designed to provide convenient and efficient control over motorized window shades and blinds. This remote control operates using RF 433MHz frequency, offering a reliable solution for managing multiple window treatments from a single device. It supports individual or group control for up to 15 channels, enhancing the automation of your home or office environment.



Figure 1: Front and back view of the HUIYEETEX 15 Channel Wireless RF Controller, showing the LCD screen and control buttons on the front, and model information on the back.

Your browser does not support the video tag.

Video 1: An overview of the DC2702 15 Channel Remote for Blinds, demonstrating its physical appearance and basic handling.

2. PRODUCT FEATURES

- **15 Channel Control:** Capable of controlling up to 15 individual or groups of motorized window shades and blinds.
- **RF 433MHz Technology:** Utilizes reliable Radio Frequency for stable and wide-range control.
- **Extended Control Range:** Offers a control range of up to 200 meters outdoors and 35 meters indoors, ensuring effective operation across various room sizes.
- **Group Control Functionality:** Allows all programmed blinds to respond simultaneously with a single button press.
- **Manual Operation Buttons:** Features dedicated buttons for Up, Down, Stop, and Channel selection.
- **Wall Mountable:** Designed for convenient wall mounting for easy access.
- **Broad Compatibility:** Compatible with various motorized shade models including DC1600, DC1602, DC1603, DC1660, DC2700, DC2702, DC1662, DC1670, DC1671, DC1672, DC1673, DC1800, DC1802, DC1520, DC1522, DC1530, DC2760, and DC90.



Figure 2: Illustration comparing the control capabilities of a single-channel remote versus the 15-channel HUIYEETEX remote, highlighting its ability to manage multiple blinds.

3. SPECIFICATIONS

Attribute	Detail
Model Number	DC2702
Channels	15 Channels

Radio Frequency	433.92MHz
Radiation Power	≤10mW
Control Range (Outdoor)	Up to 200 meters
Control Range (Indoor)	Up to 35 meters
Operating Temperature	-10°C to +50°C
Battery Type	3V CR2450
Dimensions	130 x 45 x 10.5 mm (5.12 x 1.77 x 0.43 inches)
Weight	2.89 ounces
Color	White
Compatible Devices	Motorized Roller Shades

How to Select the Right Motorized Shades for Your Home



Frequency:	433.92MHz
Radiation power:	≤10mW
Working Temperature:	-10°C~+50°C
<p>⚠ NOTICE</p> <p>We recently received some returns from buyers that our remote doesn't work with their roller blinds/shades/ device or other screen.</p>	<p>✔ Modle with</p> <p>DC1600, DC1602, DC1603, DC1660, DC2700, DC2702, DC1662, DC1670, DC1671, DC1672, DC1673, DC1800, DC1802, DC1520, DC1522, DC1530, DC2760, DC90</p>

Figure 3: Detailed specifications and dimensions of the DC2702 remote control, including frequency and working temperature.



Figure 4: The DC2702 remote in use, with a summary of its technical specifications.

4. SETUP AND INSTALLATION

4.1 Package Contents

Before beginning installation, please ensure all components are present in the package:

- HUIYEETEX 15 Channel Wireless RF Controller (DC2702)
- Wall Mount Bracket
- Mounting Screws and Anchors
- User Manual (this document)

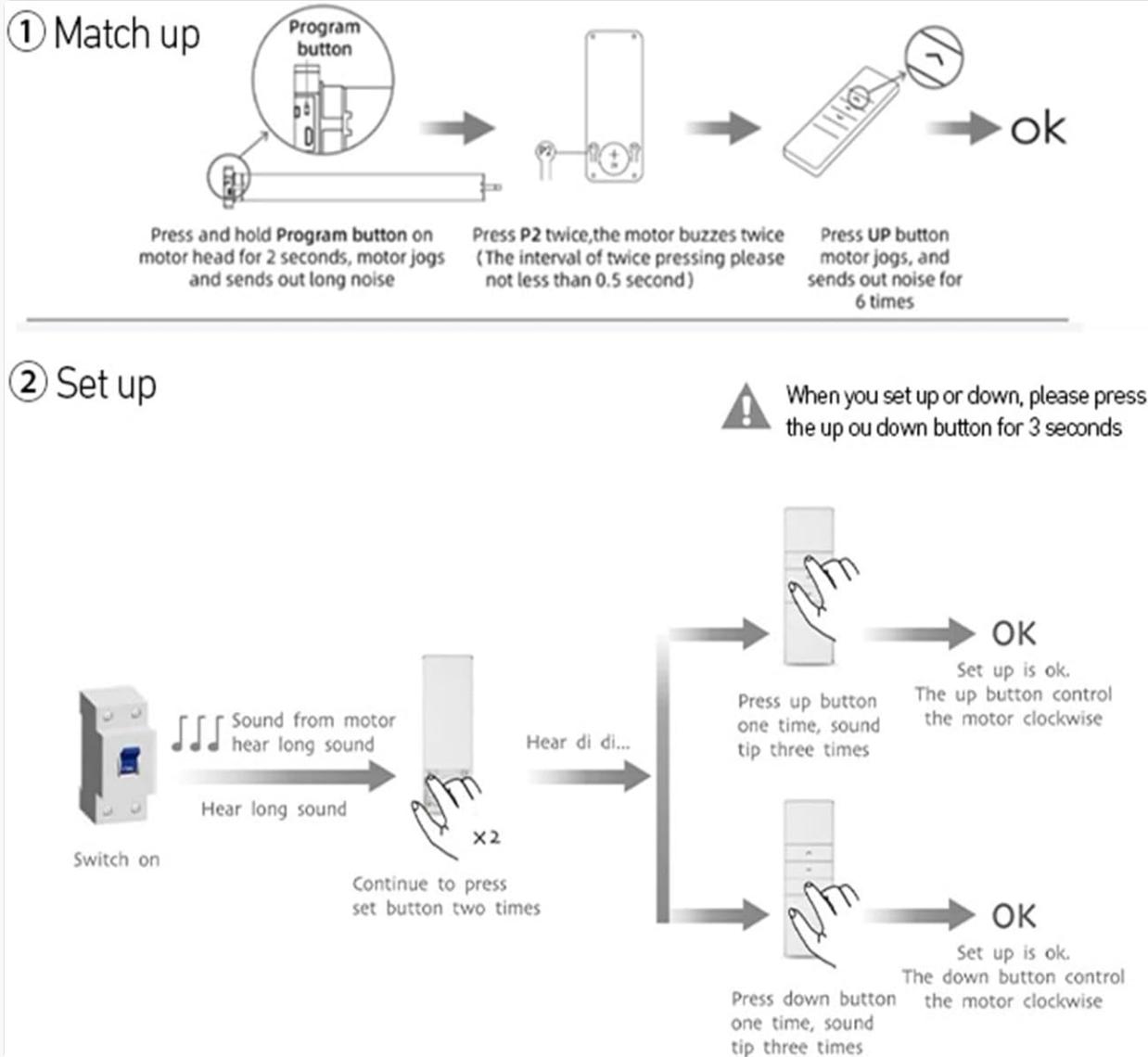


Figure 5: Contents included in the HUIYEETEX 15 Channel Wireless RF Controller package.

4.2 Battery Installation

The remote control requires a 3V CR2450 battery. Follow these steps to install or replace the battery:

1. Locate the small notch at the bottom of the remote's back cover.
2. Gently open the back cover using tweezers or a small flat-head tool at the notch.
3. Slide the entire back cover downwards and off the remote.
4. Insert the new CR2450 battery into the battery compartment, ensuring correct polarity (+/-).
5. Slide the back cover back into place until it clicks securely.

How to Open the Remote Cover and Replace Battery

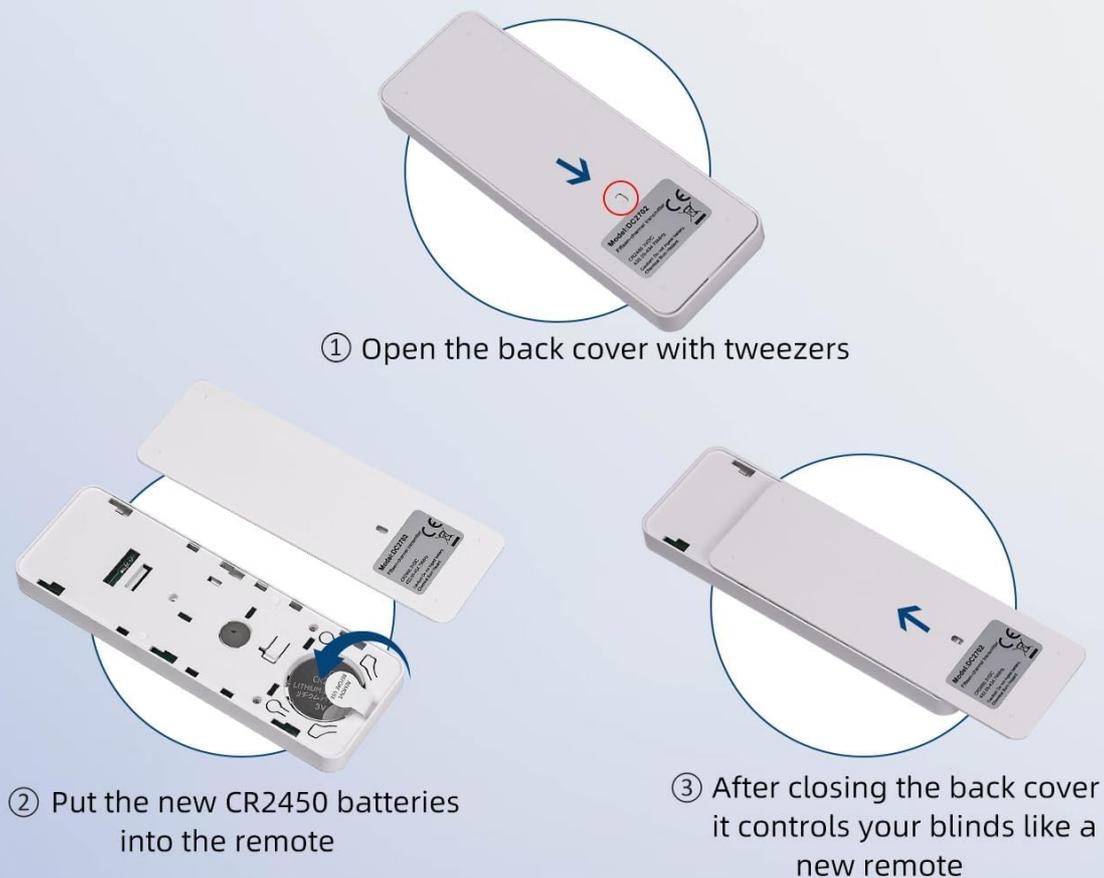


Figure 6: Step-by-step guide for opening the remote and replacing the CR2450 battery.

4.3 Pairing with Motorized Shades (Match Up)

To control your motorized shades, the remote must be paired with the shade motor. The process involves two main steps: matching and setting up.

1. Match Up:

- Press and hold the **Program button** on the motor head for 2 seconds. The motor will jog and emit a long noise.
- On the remote, press the **P2 button** twice. The interval between presses should be less than 0.5 seconds. The motor will buzz twice.
- Press the **UP button** on the remote. The motor will jog and emit a noise 6 times, indicating successful pairing.

2. Set Up (Setting Upper and Lower Limits):

- Switch on the motor. You will hear a long sound.
- Continue to press the **Set button** two times.
- Press the **UP button** one time. You will hear a sound tip three times. This sets the upper limit. The motor will control clockwise.
- Press the **DOWN button** one time. You will hear a sound tip three times. This sets the lower limit. The motor will control counter-clockwise.

- *Note: When setting up or down, please press the corresponding button for 3 seconds.*

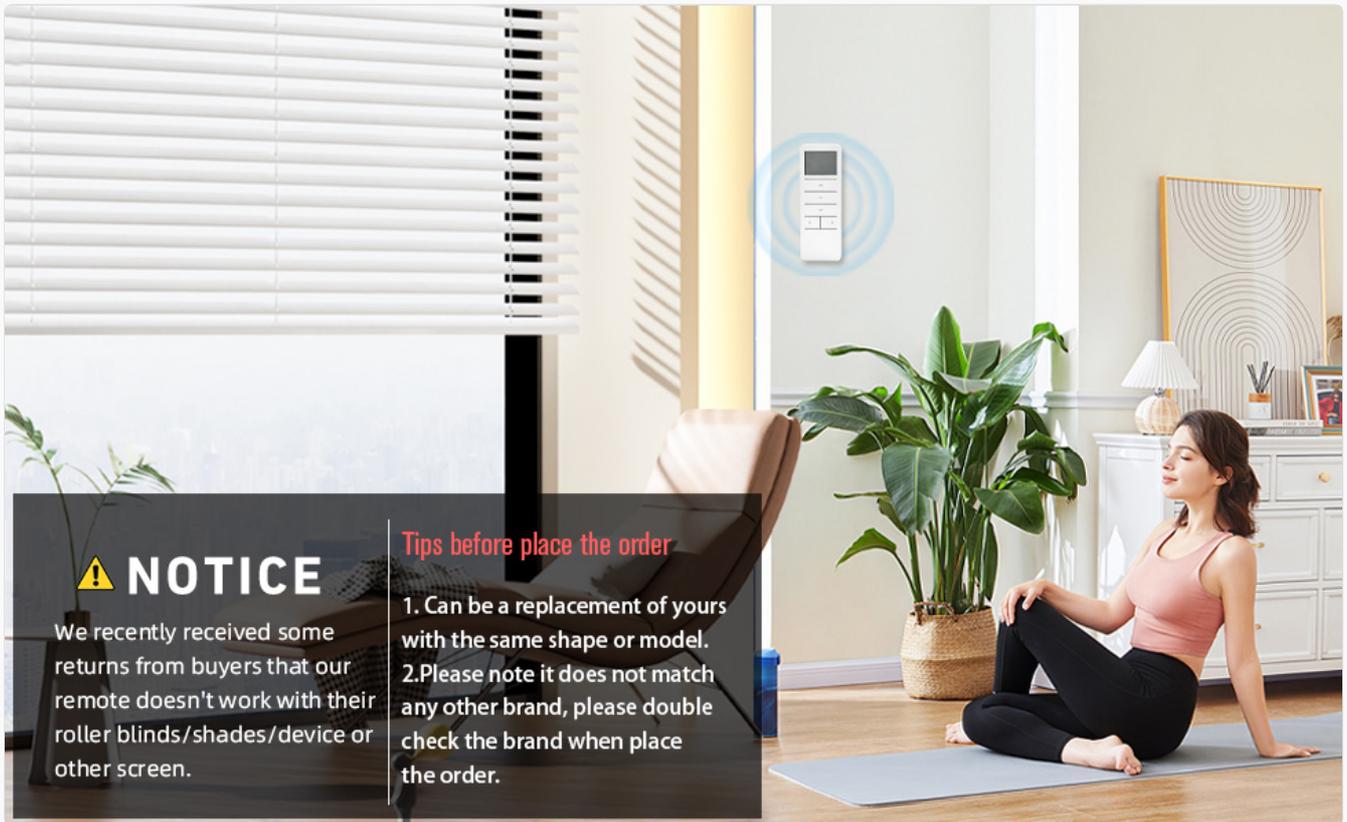


Figure 7: Visual instructions for matching the remote with the motor and setting the upper and lower limits of the shade.

5. OPERATING INSTRUCTIONS

The DC2702 remote control features intuitive buttons for easy operation of your motorized shades.

- **Up Button (▲):** Press to raise the shade.
- **Down Button (▼):** Press to lower the shade.
- **Stop Button (–):** Press to stop the shade at its current position.
- **Channel +/- Buttons (< / >):** Use these buttons to switch between the 15 available channels. The current channel number is displayed on the LCD screen.
- **Group Control:** To control all shades simultaneously, select the designated "All" channel (usually channel 15 or a specific group channel if configured) and press the Up/Down/Stop buttons.

Group Control

Support for 15 individual or group control



Figure 8: The remote in action, demonstrating its ability to control multiple shades across different rooms using its 15-channel capability.

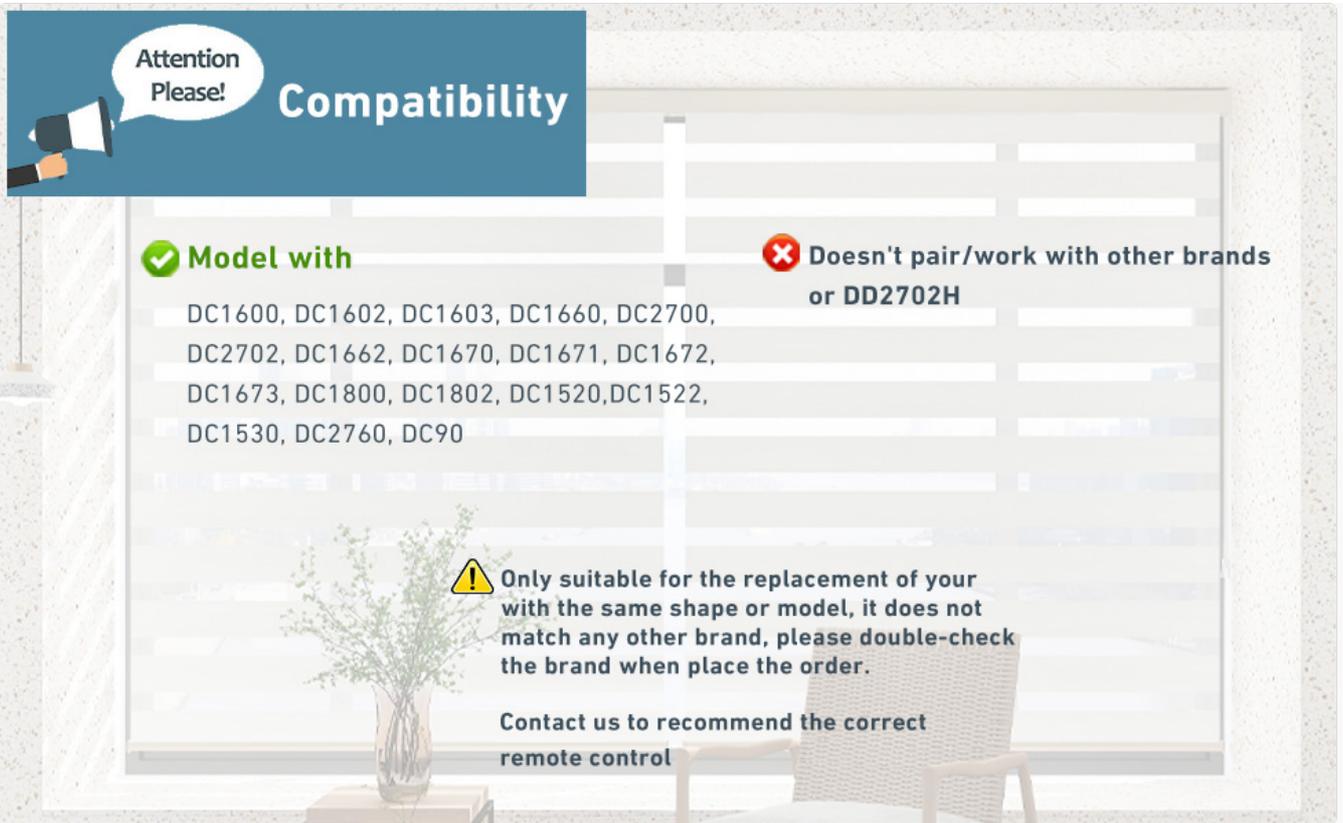


Figure 9: A visual comparison highlighting the convenience of wireless remote control over traditional manual shade operation.

6. MAINTENANCE

6.1 Cleaning

To maintain the appearance and functionality of your remote control, wipe it regularly with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface and internal components.

6.2 Battery Replacement

Refer to Section 4.2 for detailed instructions on how to replace the CR2450 battery. Replace the battery when the remote's performance degrades or the display becomes dim.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Remote does not control shades.	Battery is low or dead. Remote is not paired with the motor. Incorrect channel selected. Remote is incompatible with the motor.	Replace the battery (CR2450). Follow pairing instructions in Section 4.3. Ensure the correct channel is selected on the remote. Verify motor model compatibility (see Section 7.1).
Limited control range.	Obstructions between remote and motor. Interference from other RF devices. Low battery.	Reduce obstructions. Ensure clear line of sight if possible. Move away from other electronic devices. Replace the battery.

Shades do not stop at desired limits.

Upper/lower limits not set correctly.

Re-set the upper and lower limits following instructions in Section 4.3.

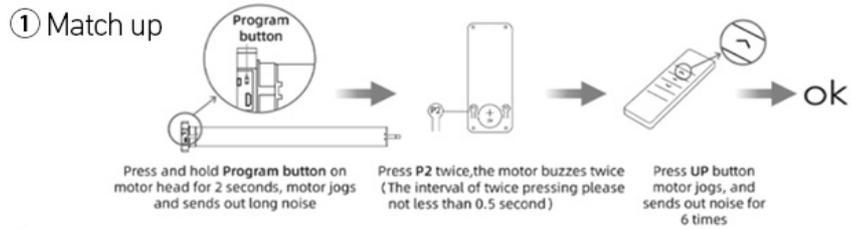
7.1 Compatibility Notice

This remote control is specifically designed as a replacement for certain models and may not be compatible with all motorized shades, especially those from other brands or different shapes/models. It is crucial to verify compatibility before purchase.

! Only suitable for the replacement of your with the same shape or model, it does not match any other brand, please double-check the brand when place the order.



Figure 10: Important notice regarding the compatibility of the remote control.



② Set up

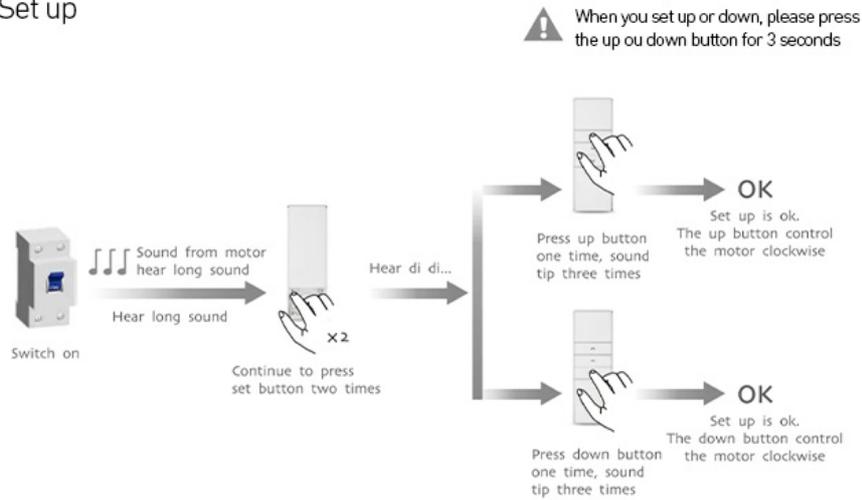


Figure 11: Detailed compatibility list for the HUIYEETEX 15 Channel Remote, showing models it can replace.

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

This remote is *not* compatible with DD2702H or other brands unless explicitly stated.

8. WARRANTY AND SUPPORT

HUIYEETEX is committed to providing high-quality products and customer satisfaction. If you encounter any issues or have questions regarding the HUIYEETEX 15 Channel Wireless RF Controller, please contact our customer service team.

Our customer service can assist with:

- Troubleshooting assistance
- Product inquiries
- Compatibility recommendations

For the most up-to-date support information, please refer to the official HUIYEETEX website or contact the seller directly through your purchase platform.