

SAFETY NOTE

1. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
2. Children shall not play with the appliance.
3. Cleaning and user maintenance shall not be made by children without supervision.
4. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
5. WARNING: the drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.
6. The instructions shall status that the A-weighted emission sound pressure level of the drive is equal to or less than 70 dB(A), e.g. by writing $L_pA \leq 70 \text{ dB(A)}$.
7. The mass and the dimension of the driven part shall be compatible with the rated torque and rated operating time.
8. The type of driven part the drive is intended for.
9. WARNING: Important safety instructions. It is important for the safety of persons to follow these instructions. Save these instructions.
10. Do not allow children to play with fixed controls. Keep remote controls away from children.
11. Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
12. Watch the moving shutter and keep people away until the shutter is completely closed.
13. WARNING: Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.
14. Before installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation.
15. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
16. Children should be supervised to ensure that they do not play with the appliance.
17. Disconnect the drive from the supply or switch off the automatic controls when maintenance, such as window cleaning, is being carried out in the vicinity.



Product Introduction



Features

- Wireless Receiver
- Power Outage Limit Memory
- Jog & Tilt Function
- Weak-current Switch Mode
- RS485 Control
- Reset to Factory Mode

Fields of Application



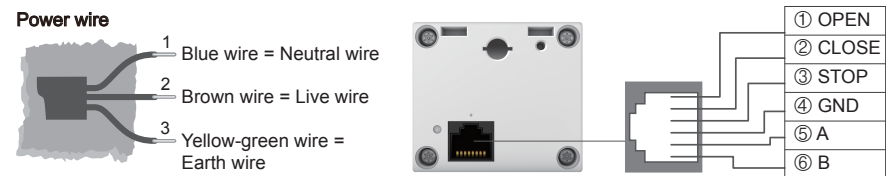
It's suitable for motorized vertical blinds.

Specifications

Working Temperature: -20°C ~ +65°C	Radio Frequency: 433.92MHz
Input Voltage: 100~240VAC, 50/60Hz	Max. Single Running Time: 6min

* For more motor models and specific torque, please refer to the nameplate.

Wiring



Caution

1. Do not expose motor to humid or extreme temperature conditions.
2. Do not cut the antenna and keep it clear from metal objects.
3. Do not allow children to play with this device.
4. If power cable or connector is damaged, do not use.
5. Ensure power cable and aerial are clear and protected from moving parts.
6. Cable routed through walls shall be properly isolated.
7. Before installation, remove unnecessary cords and disable equipment not needed for powered operation.
8. Installation and programming to be performed by a qualified professional, use or modification outside the scope of this instruction may void warranty.



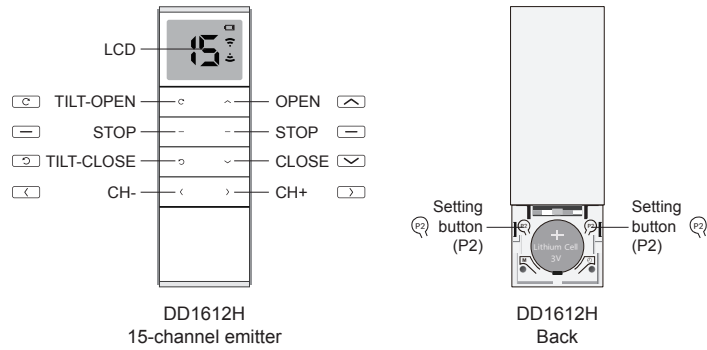
Important Safety Instructions To Be Read Prior To Operation.

Setting Notice

Please read following points of attention carefully before setting.

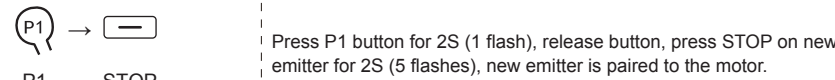
1. Oprating:
 - ①The valid interval of the emitter button is 10S, the emitter will quit the set after 10S.
 - ②The LED flashes for hint, please do the next step after the hint.
2. Set limit position:
 - ①Every time you install the motor, first set to finish the limit to work properly.
 - ②After setting, with power and memory function.
 - ③After replacing the track or cord to be removed for the limit, and then set limit.
3. If the emitter lost, please set up again with new emitter.
4. One motor can store maximum 10 channels; after fully stored, if pair new channels, only the last one will be covered circularly.

Button Instructions



Essential Settings
Step 1 to 3 must be completed to ensure proper operation.

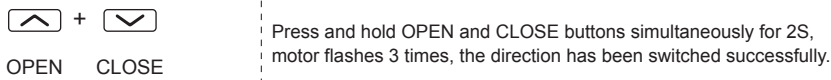
1 Pairing



* If within 10S, the motor doesn't receive STOP signal from the any emitter, it will exit the paring mode automatically.

2 Switch Rotating Direction (Optional)

If press OPEN, the curtains will close, try below to switch direction.



* The operation is only valid when there is no limits. If the motor pairing is successful, it will automatically enter switch direction mode and initiate a 30-second timing cycle.

3 Setting the Limits



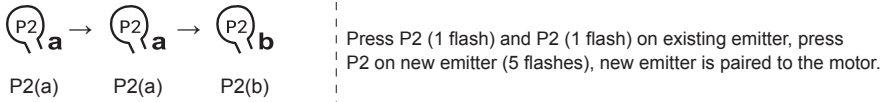
* After setting the limits, press OPEN or CLOSE button once, the motor will run in jog mode, press and hold more than 2S, the motor will run continuously. When the limits are not set, press the P1 button, the motor will stop running. After the limit setting is set, press the P1 button can control the curtain to open -> stop -> close.

4 Switch Between Jog Mode & Continuous Running Mode



* The factory default is jog mode. The continuous running mode will only be effective after the limit has been set.

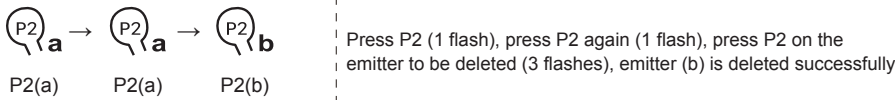
5 Pairing Additional Emitter



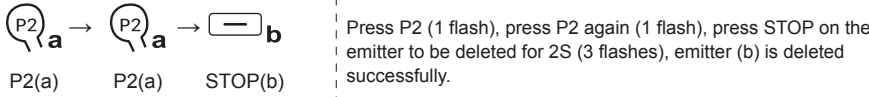
* (a) as existing emitter, (b) as new emitter to pair.

6 Deleting One Emitter

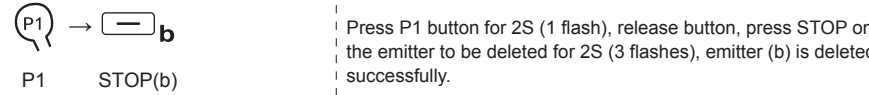
Method one



Method two

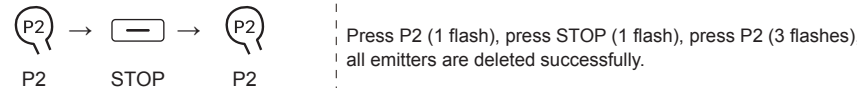


Method three



* (a)(b) as existing emitter, (b) as the emitter to delete.

7 Deleting All Emitters



8 Weak-current Switch Modes

1 Dual pushbutton switch mode (Factory default)

P1

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P1

OPEN

CLOSE

OPEN

Press and hold P1 button for 2S (1 flash), release the button, press and hold OPEN and DOWN buttons simultaneously for 2S (1 flash), press OPEN button (5 flashes), the mode has been successfully switched.

2 Dual button interlock switch mode

P1

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P1

OPEN

CLOSE

STOP

Press and hold P1 button for 2S (1 flash), release the button, press and hold OPEN and CLOSE buttons simultaneously for 2S (1 flash), press STOP button (5 flashes), the mode has been successfully switched.

3 Electronic switch mode

P1

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P2

P1

OPEN

CLOSE

P2

Press and hold P1 button for 2S (1 flash), release the button, press and hold OPEN and CLOSE buttons simultaneously for 2S (1 flash), press P2 button (5 flashes), the mode has been successfully switched.

4 Single button cycle switch mode

P1

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P1

OPEN

CLOSE

CLOSE

Press and hold P1 button for 2S (1 flash), release the button, press and hold OPEN and CLOSE buttons simultaneously for 2S (1 flash), press CLOSE button (5 flashes), the mode has been successfully switched.

⚠

• Dual pushbutton switch mode:

1. In continuous running mode, press the OPEN on the switch, after releasing the button, the curtain will open. Press the OPEN again, and after releasing the button, the curtain will stop running. If you press the CLOSE on the switch, after releasing the button, the curtain will first stop running and then close.

Press the CLOSE on the switch, after releasing the button, the curtain will close. Press the CLOSE again, and after releasing the button, the curtain will stop running. If you press the OPEN on the switch, after releasing the button, the curtain will first stop running and then open.

2. In jog running mode, press the OPEN on the switch, after releasing the button, the curtain is opening in a jogging manner. Press the CLOSE on the switch, after releasing the button, the curtain is closing in a jogging manner.

• Dual button interlock switch mode:

Press the OPEN on the switch, the curtain will open, after releasing the button, the curtain will stop running; press the CLOSE on the switch, the curtain will close, after releasing the button, the curtain will stop running. Both continuous running mode and jog running mode are continuous running.

• Electronic switch mode:

1. In continuous running mode, press the OPEN / STOP / CLOSE button on the switch, after releasing the button, the curtain will open / stop / close.

2. In jog running mode, press the OPEN or CLOSE button on the switch, and the curtain will jog running. Hold the button for more than 1 second, and the curtain will run continuously. Press the STOP button on the switch, and the curtain will stop running.

• Single button cycle switch mode:

Press the button on the switch once, and the curtain operate in the sequence of opening → stopping → closing → stopping. If the motor is operated and running through other means, the status will be synchronized and updated accordingly.

For example, if the emitter controls the curtain to open and then stop running, pressing the button on the switch, the curtain will close.

Both continuous running mode and jog running mode are continuous running.

10 Speed Regulation

1 Speed+ setting

P2

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P2

OPEN

OPEN

Press P2 (1 flash), press OPEN (1 flash), press OPEN again, the number of flashes indicates the level of the accelerated motor speed. If the motor no flash, it indicates that the motor is already at its Max. speed.

2 Speed- setting

P2

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P2

CLOSE

CLOSE

Press P2 (1 flash), press CLOSE (1 flash), press CLOSE again, the number of flashes indicates the level of the decelerated motor speed. If the motor no flash, it indicates that the motor is already at its Max. speed.

* The motor has 3 speed levels, the Max. speed: 70r/min; the Med. speed: 60r/min; the Min. speed: 48r/min. the factory default is 48r/min.

11 Radio Lock Function

P1

P1

Press P1 button for 6S, the motor will flash twice, release button, the motor enters radio lock status, the motor won't receive any signal; press P1 button once to disable radio lock.

12 RS485 Function

P1

P1

Press and hold P1 button for 10S (3 flashes), release button, the motor actively sends an RS485 request command to enter the RS485 address setting mode. This operation needs to be set within 10 seconds.

13 Reset to Factory Mode

P1

P1

Press and hold P1 button for 14S. After the LED flashes three times, it will flash 5 times continuously for the 4th time (a total of 8 flashes). After releasing the button, the motor will clear all settings and reset to factory status.

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Troubleshooting

Common faults	Solution
Vertical curtain piece of card to death	Cancel limit setting or restore factory settings
Vertical slice can't rotate	Confirm whether the installation direction of the curtain is consistent
Vertical curtain can not pull, running is not smooth	Vertical screens too heavy, appropriate to speed up or use Light vertical blinds

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9 Remove Limits

P2

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P2

P2

CLOSE

P2

Press P2 (1 flash), press CLOSE (1 flash), and press P2 (4 flashes), all limits are removed.

-4-

-5-

-6-