

## DLM-1 Single-channel Emitter's Manual

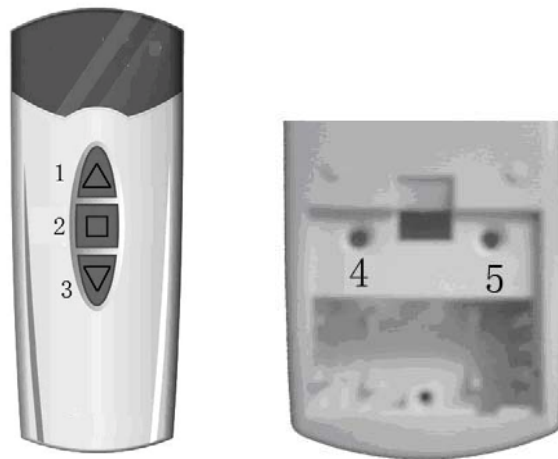
I. Please check whether all the parts are in the package after opening the packing.

- DLM-1 emitter: 1pcs
- Bracket for DLM-1 emitter: 1pcs
- Fixing bolt for bracket: 1 pcs
- Sleeve anchor for bracket fixing: 1pcs
- Installation instruction manual: 1 pcs

II. Product description

DLM-1 emitter is a hand held type emitter with one channel only, and should work with the motor controller. The emitter signal command is transmitted through the radio wave of 315.00 MHZ frequency.

DLM-1 emitter is applicable to any "Control-" series controller, and it can work with the RDM-5 emitter and the RDF-1 emitter.



1、Up 2、Down 3、Stop 4、Recognizing Button 5、Invalid

III. Before installation

The emitter's bracket can be fixed on any vertical surface.

**Note:** The emitter should be installed in environment of under the range of the IP protecting index, and it should not be fixed on the surface of metals or things with magnetism, in order to avoid negative effects.

The control range of the radio wave is restricted by law and engineering measures, so please check whether the emitter and controller works well in the preconcerted position before installation.

**Please read this instruction carefully before installation.**

IV. Using Instructions

- Characteristics description of the emitter
  1. Power supply: 12V Li battery, Model CR 23A
  2. Protecting Index: IP 20;
  3. Working temperature:  $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$ ;
  4. When the emitter sends out the same signal command for 8 seconds unfaillingly, the course will automatically end up by the emitter itself.
  5. SMT pasting components, and the surface of the components is moistureproof

after strict disposal.

6. An emitter can control a controller or a group of controllers.

7. System Guarantee: 2 years

● **Operation Instructions**

1. Press down the UP(∧) button on the emitter, the roller blind works upward (the awning expands out); Press down the DOWN(∨) button, the roller blind works downward(the awning closes up);Press down the STOP button(No.3button),the roller blind (the awning)stops.
2. Logging on program setting through the controller: Cut off the power supply of the controller, and then restore the power supply again.After that, you will hear a sound of “Du..Du..Du..Du” continuously from the inside of the controller, then loosen the button,now the controller is under the mode of recognizing.Within 4 seconds of that, you should press down the UP(∧)button and the DOWN(∨) button of the emitter that is to be recognized simultaneously for 6 seconds unfailingly, until the controller sounds a long ring. (If the controller has already stored some emitter’s address before, you will hear the hint of 2 long rings);Now the address information of the single-frequency emitter is stored in the controller,immediately the controller will end up its program setting mode automatically. (If the emitter addresses in the controller are more than 10, the controller will sound 6 long rings, that indicates the more emitter can not be recognized again)
3. Logging on program setting through emitters: With the power supply of the controller on, press down the recognizing button(No.5button) on the back of the emitter whose address information has been recognized in the controller,till the controller sounds a continuous ring of “Du..Du..Du..Du..” from the inside,then loosen the button,now the controller is under the mode of recognizing.Within 4 seconds of that, take out the emitter needing to be recognized, and press down the UP(∧)button and the DOWN(∨)button simultaneously for 6 seconds continuously, until the controller sounds two long rings.Now the address information of the single-frequency emitter has already been stored in the controller, meanwhile, the controller will end up its program setting mode automatically(if the emitter addresses in the controller are more than 10,then the controller will sounds 6 long rings,which indicates the more emitter can not be recognized again).
4. Cancel settings of all emitters through the controller: Firstly cut off the power supply of the controller ,then restore the power supply again.After that,you will hear a continuous ring of “Du..Du..Du..Du”, within 8 seconds of that, press down the UP(∧)button and the DOWN (∨)button simultaneously of the already recognized emitter for a continuous 2 seconds, till the controller sounds a long ring, now all the recognized emitters’ address information have been cleared up from the controller.
5. Cancel settings of all already recognized emitters one by one through emitters: Press down the recognizing button(No.4button) on the back of the emitter whose address

information has been recognized in the controller, till the controller sounds a continuous ring of “Du..Du..Du..Du” from the inside, then loosen the button. And within 8 seconds of that, please press down the UP(∧) button and the DOWN (∨) button simultaneously of the already recognized emitter which you want to cancel now for a unfailing 2 seconds, till the receiver sounds a long ring, and then the recognized emitter’s address information has been cleared up from the controller. Similarly, do as the above instructs, the other emitters matching with the same receiver can also be cancelled from the receiver.

## Additional Instructions

- If the running direction of the roller blinds(awnings) is opposite to the setting of the direction buttons of the emitter, you can reverse the running direction of the roller blinds(awnings) by pressing the reverse button (At the same time, hold down the No.2 button and No.3 button) press down the button continuously till the controller sounds a continuous ring, and then the reverse operation is done OK.
- Through the method of “Cancel settings of all emitters through the controller”, then the controller will be empty; through the method of “Cancel settings of all already recognized emitters one by one through emitters”, then the controller will reserve the last group emitter’s coding information automatically. (but, If only left a emitter which can control the receiver, then the emitter which is matching with the receiver can not be cancelled from the receiver if you only use the “Cancel settings of all already recognized emitters one by one through emitters” method).
- Within 10 seconds after turning on the power supply, press down the STOP button (No.3 button) on the recognized emitter, then the controller will exit the recognizing program; If the operation to the unrecognized emitter is not recognizing operation, the controller will not respond to it; After the setting of either recognizing or cancelling, the controller will exit the recognizing or cancelling program automatically; If the controller couldn’t receive any effectual signal from the emitter within 10 seconds after the controller enters the mode of recognizing or cancelling, the controller will exit the recognizing or cancelling program automatically because of overtime. The operations of cancelling and recognizing are the same, if the emitter has been recognized before, then the operation will do the cancelling; on the contrary, if the emitter is unrecognized before, then the operation will do the recognizing.
- If the emitter is missed, then you can make a new emitter recognized by the controller through the method of “Logging on program setting through the controller”. Suggest to use the new recognized emitter to clean up all the prior emitters’ address coding information through the method of “Cancel settings of all emitters through the controller”, and then do the same recognizing operation to make the new emitter be recognized again. Because if the recognized emitters corresponding with the same controller are more than 10, the 11th emitter can’t be recognized by the controller again.

## **Security Instructions**

- Used in a dry condition
- Use original components
- Comply to special regulation of each country
- Children should be kept away from the control equipment
- Use the same type substitution battery (CR 23A)
- Proper disposal for trashy battery after used up
- If operate several remote-control equipments simultaneously, the running condition of each equipment should be seen when operating
- The operation may be interfered by other long-distance communication or terminal units(for example, interfered by some remote-control equipments taking the same frequency wave as carrier)
- Not suggest using the remote-control system if there is high interference risk.
- Please displace the emitter battery if the control distance minishes obviously or the control command is not sensitive again(tear off the label on the back of the emitter, then screw off the cross screw by a pocket cross screwdriver to open the back cover, and then displace the battery, finally close the back cover and fasten the screw)

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