



AIBOO B-RF-1702 RGB Color LED Strip Lights Mini Remote Controller User Guide

[Home](#) » [AIBOO](#) » AIBOO B-RF-1702 RGB Color LED Strip Lights Mini Remote Controller User Guide 

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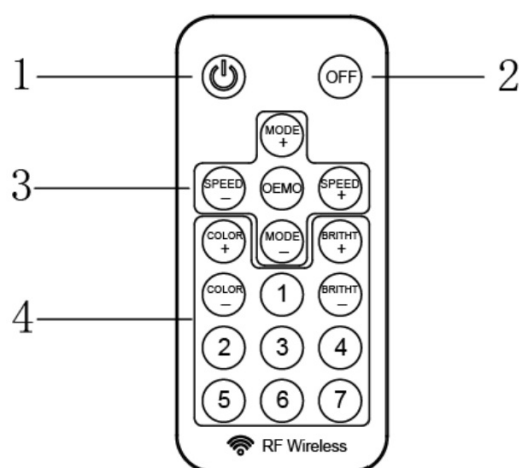


Contents

- 1 Specifications Of Remote Control
- 2 Directions Of Using Remote Control
- 3 Fault Analysis Of Pairing
- 4 Fault Analysis Of Pairing
- 5 Documents / Resources
 - 5.1 References
- 6 Related Posts

Specifications Of Remote Control

Name	18 Keys Wireless RF Remote Control	Model	B-RF-1702
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Different Parts Functions Of Remote Control

1: Turn On	2: Turn Off
3: Dynamic Mode Area (19 Dynamic Modes, 10 Speed Levels)	
4: Static Mode Area(20 Colors, 5 Brightness Levels)	



Electrical Parameters Of Remote Control:

Working Temperature	-20-60 degrees	Output Power	5V<30W, 12V<72W,24V<144W
Supply Voltage	DC5-24V	Radio Frequency	433MHZ
Static Power Consumption	<0.5W	Remote Control Distance	>15m at open area
Output Current	<6A	attery Type Of Remote	CR2025

Advantages Of Remote Control :

Memory Function: the controller can keep the last setting when you switch on the cabinet lights again.

Hidden Installation: the controller can be hidden for installation so you can control the lights without pointing at the controller by the remote.

Directions Of Using Remote Control

Connection Of LED Controller

Female: DC head 5.5x2.1mm

Standard 4 pins connection



Power input: DC 5-24V

Connect with the adapter

Load output:

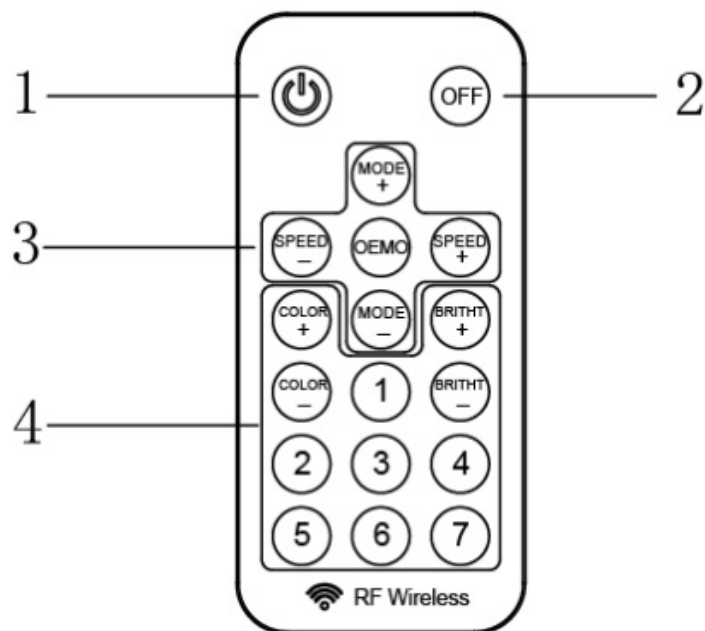
Connect with the Splitter /LED light

Instruction Of 18-key RGB Remote Control

Notes

Power Input: DC 5V Output Power: <30W	Power Input: DC 12V Output Power: <72W
Power Input: DC 24V Output Power: <144W	

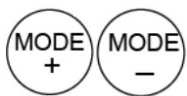
Details Of Remote Buttons



ON: Turn on the controller.



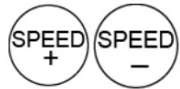
OFF: Turn off the controller.



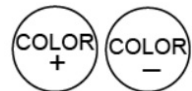
"MODE+"&"MODE-": Switch static mode to dynamic mode and change 19 dynamic modes such as flashing, breathing, fading, flickering, etc.



"OEMO": Change 19 dynamic modes such as flashing, breathing, fading, flickering, etc.



"SPEED+"&"SPEED-": Switch static mode to dynamic mode and realize 10 speed levels.



"COLOR+"&"COLOR-": Switch dynamic mode to static mode and change 20 RGB colors.



"BRIGHT+"&"BRIGHT-": Switch dynamic mode to static mode and adjust 10 brightness levels ("+" means brighter, "-" means darker)



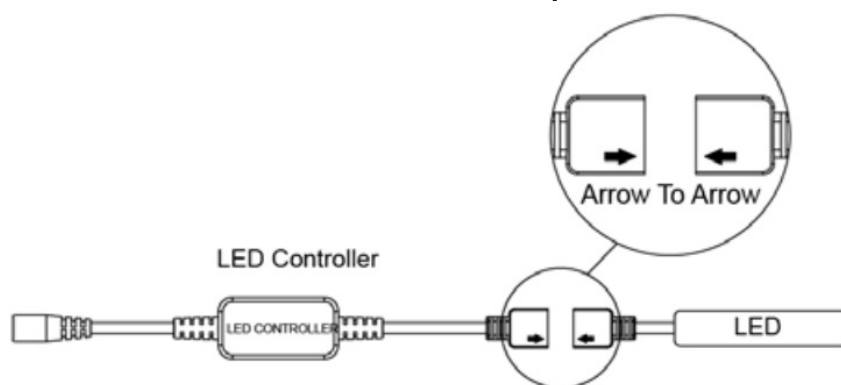
"7 RGB colors": 7 RGB colors among the total 20 RGB colors. In any state, you can close the controller

Pairing Of Remote Control If you only have one set of puck lights with the remote control, no need to get the controller repaired with the remote. The remote control of the puck lights has been paired during quality inspection. If you have two or more sets of puck lights with remote control, there will be several following using situations:

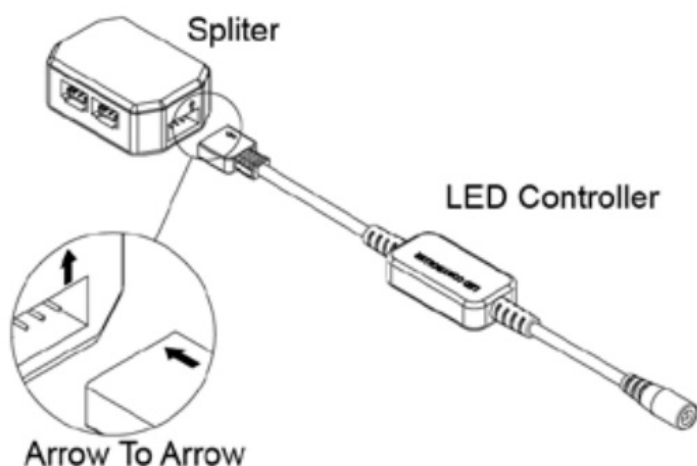
1. Need to reset the remote control kits for two or mote sets of puck lights due to incorrect operation
2. Need to reset one controller to only respond to one remote for two or more sets of puck lights
3. Need to reset the remote control kits for two or more sets puck lights to be controlled in groups

Warm Tips Of Connection Of LED Controller

The arrow on the led controller should be pointed to the arrow on the splitter while connection.



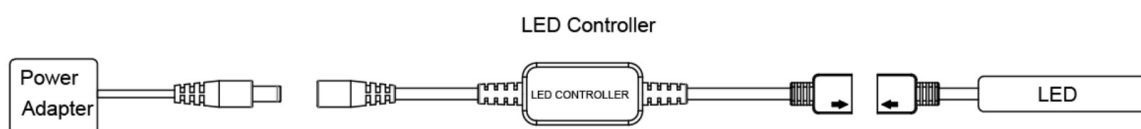
OR



ONE TO ONE PAIR

One Controller Responds To One Remote

1. After connecting the first set of puck lights as shown in the figure, insert the adapter into the socket to power on, while ensure that the adapters of other sets without inserting into the socket. the socket.

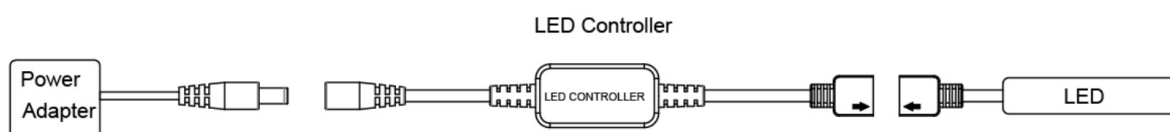


2. Simultaneously press "COLOR -" and "BRIGHT -" buttons on the remote within 5 seconds after inserting the adapter into the socket to power on. Then release the buttons until all the lights flashing. The controller for the first set of puck lights will be repaired with the remote. And the puck lights can only be controlled by the remote.
3. Unplug the adapter for the first set of puck lights. Then simultaneously press "COLOR -" and "BRIGHT -" buttons on the second remote within 5 seconds after inserting the adapter of the second set into the socket. After all the lights flashing, release the buttons. The controller of the second set will be repaired with the second remote. The second set of puck lights can only be controlled by the second remote.
4. Repeat Step 3 and complete the repairing for the third set of puck lights with remote control 3, and the fourth set of puck lights with remote control 4... in sequence.

ONE TO ALL

All Controllers Respond To One Remote

1. After connecting all sets of puck lights as shown in the figure, press the "White Color" button on the remote with 5 seconds after all adapters are plugged into the sockets and powered on. Then release the button until all the lights flashing to complete repairing. All sets of puck lights can be controlled by the remote

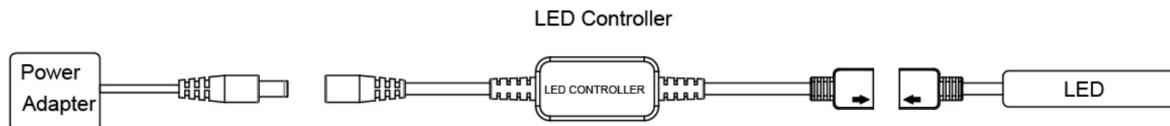


2. If there are several sets of puck lights, only some sets are not flashing to complete repairing due to signal interference between all sets of puck lights. After unplug the adapters for some sets of puck lights which complete the repairing, repeat the Step 1 to complete the repairing for other sets of puck lights

GROUP OPERATION

The first remote controls all controllers in first group, the second remote controls all controllers in second groups, like the first remote controls all sets of puck lights in first group, the second remote controls all sets of puck lights in second group, the third remote controls all sets of puck lights in third group.

1. After connecting all sets of puck lights in first group as shown in the figure, insert the adapters into the socket to power on, while ensure that the adapters of other sets in others groups without inserting into the socket.



2. Simultaneously press “COLOR -” and “BRIGHT -” buttons on the first remote within 5 seconds after inserting the adapters into the socket to power on. Then release the buttons until all sets of puck lights in first group flashing. The controllers for all sets of puck lights in first group will be repaired with the first remote. And all the puck lights in first group can be controlled by the first remote.
3. Unplug the adapters of puck lights in first group. Then simultaneously press “COLOR -” and “BRIGHT -” buttons on the second remote within 5 seconds after inserting the adapters for all sets of puck lights in second group into the socket to power on. After all the lights flashing, release the buttons. The controllers for all sets of puck lights in second group will be repaired with the second remote. And all the puck lights in second group can be controlled by the second remote.
4. Repeat Step 3 and complete the repairing for all sets of puck lights in third group with remote control 3, and all sets of puck lights in fourth group with remote control 4... in sequence.

Fault Analysis Of Pairing

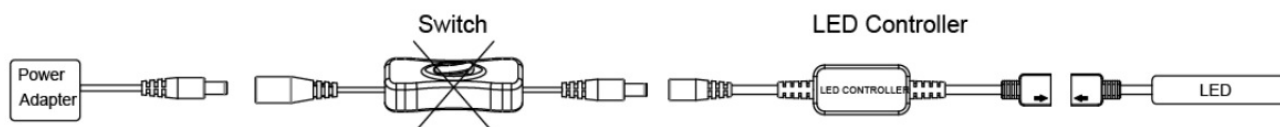
Reason I: Get Adapter Recharged in a short time

During pairing the remote control, the controller fails to pair with the remote because it needs to be paired within 5 seconds after getting adapter charged. While repairing the remote control, it will still fail to repair the remote control if you get the adapter charged in a short time.

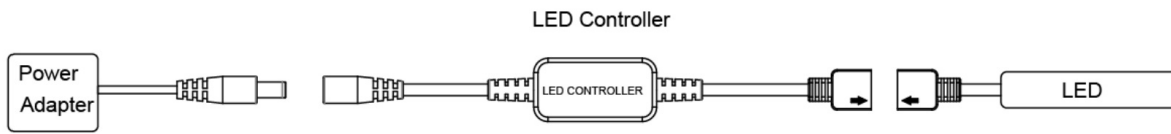
Solution L: Unplug the adapter and power off for at least 5 seconds. Wait until the capacitor of the adapter is fully discharged before inserting it into the socket for pairing

Reason II: Not Get Controller Powered On

The puck lights are equipped with an on/off switch. If connect the on/off switch and testate of the switch is in off, the controller will fail to pair with remote through inserting the adapter into the socket to powered on. Solution Not connect the on/off switch before pairing. After completing the pairing, reconnect the switch



1. After connecting all sets of puck lights in first group as shown in the figure, insert the adapters into the socket to power on, while ensure that the adapters of other sets in others groups without inserting into the socket.



2. Simultaneously press “COLOR -” and “BRIGHT -” buttons on the first remote within 5 seconds after inserting the adapters into the socket to power on. Then release the buttons until all sets of puck lights in first group flashing. The controllers for all sets of puck lights in first group will be repaired with the first remote. And all the puck lights in first group can be controlled by the first remote.
3. Unplug the adapters of puck lights in first group. Then simultaneously press “COLOR -” and “BRIGHT -” buttons on the second remote within 5 seconds after inserting the adapters for all sets of puck lights in second group into the socket to power on. After all the lights flashing, release the buttons. The controllers for all sets of puck lights in second group will be repaired with the second remote. And all the puck lights in second group can be controlled by the second remote.
4. Repeat Step 3 and complete the repairing for all sets of puck lights in third group with remote control 3, and all sets of puck lights in fourth group with remote control 4... in sequence.

Fault Analysis Of Pairing

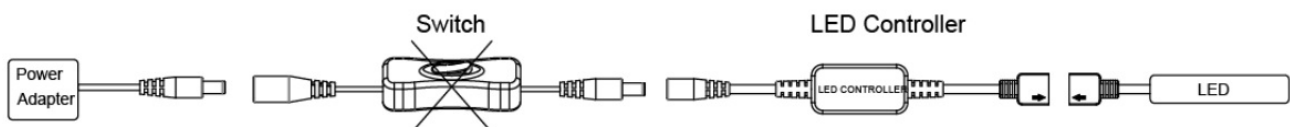
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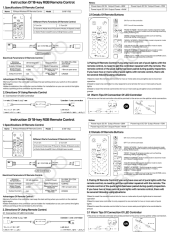
SolutionL: Unplug the adapter and power off for at least 5 seconds. Wait until the capacitor of the adapter is fully discharged before inserting it into the socket for pairing.

Reason II: Not Get Controller Powered On

The puck lights are equipped with an on/off switch. If connect the on/off switch and the state of the switch is in off, the controller will fail to pair with remote through inserting the adapter into the socket to powered on. Solution Not connect the on/off switch before pairing. After completing the pairing, reconnect the switch



Documents / Resources



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B-RF-1702 RGB Color LED Strip Lights Mini Remote Controller, B-RF-1702, RGB Color LED Strip Lights Mini Remote Controller, Color LED Strip Lights Mini Remote Controller, LED Strip Lights Mini Remote Controller, Strip Lights Mini Remote Controller, Lights Mini Remote Controller, Mini Remote Controller, Remote Controller, Controller

References

- [User Manual](#)