

INSTRUCTION



INTRODUCTION

- This is a 3 zone RF Touch Remote Control, which adopt the most advance PWM control technology, can control all kinds of DC led lights. Such as led strips light, led module, led source etc.
- It can control 3 zones separately, 30 meters tops control distance.

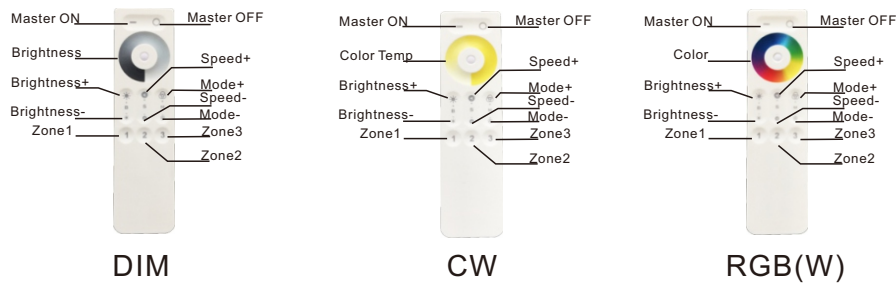
SPECIFICATION

- Working temperature: -20~55°C
- Battery: CR2032*1
- Radio Frequency: 2. 4G
- Control distance: 30 meters

CONTROL METHOD

- This RF Remote can adjust brightness/color infinitely, its control mode is wireless control. You could adjust light to the appropriate lighting brightness or color in accordance with your actual need.
- Link: Long press any number(1,2,3) button of the 3 zone in 3 seconds once you switch the light. The link is done once the light blink 3 times.
- Unlink: Long press the number(1,2,3) button of the linked zone in 3 seconds once you switch on the light. The unlink is done once the light blinks 9 times.

- Tips: 1. Link the device to remote before using it.
2. Control before click the Zone number(Master ON or Zone1,2,3).



1. DIM

- Static colors: Single Color
- Dynamic modes: ①Flash ②Fade in&out ③Blasting Flash
- Brightness: 1-100(in static color)
- Speed: 16 levels(in dynamic modes)

CONTROL METHOD

- Press the ring to adjust brightness.
- Press "—" to turn on & select all lights, Press"○" to turn off all lights.
- Press Zone number to select and turn on/off the zone light.
- Press "*" to increase brightness.
- Press "*" to reduce brightness.
- Press "●" to increase speed in dynamic modes.
- Press "●" to reduce speed in dynamic modes.
- Press "⊕" to Increase dynamic mode.
- Press "⊗" to Reduce dynamic mode.
- Long Press Master ON or Zone1,2,3 for 100% brightness white color.
- Long Press Master OFF for 10% brightness white color.

2. CW

- Static colors: Warm-Cool White
- Dynamic modes: ①Warm White Fade in&out ②Cool White Fade in&out ③Warm+Cool White Fade in&out ④Warm White Flash ⑤Cool White Flash ⑥Warm+Cool White Flash
- Brightness: 1-100(in static color)
- Speed: 16 levels(in dynamic modes)

CONTROL METHOD

- Press the ring to adjust warm white to cool white.
- Press "—" to turn on & select all lights, Press"○" to turn off all lights.
- Press Zone number to select and turn on/off the zone light.
- Press "*" to increase brightness.
- Press "*" to reduce brightness.
- Press "●" to increase speed in dynamic modes.
- Press "●" to reduce speed in dynamic modes.
- Press "⊕" to Increase dynamic mode.
- Press "⊗" to Reduce dynamic mode.
- Long Press Master ON or Zone1,2,3 for 100% brightness white color.
- Long Press Master OFF for 10% brightness white color.

3. RGB

- Static colors: 1.6 Million Colors + White
- Dynamic modes: ①RGB Jumping Change ②RGB Fade in&out ③7 Colors Jumping Change ④7 Colors Flash ⑤7 Colors Fade ⑥7 Colors Fade in&out ⑦White Fade in&out ⑧Red Fade in&out + Flash 3 times ⑨Green Fade in&out + Flash 3 times ⑩Blue Fade in&out + Flash 3 times ⑪White Fade in&out + Flash 3 times ⑫Automatic Cycle
- Brightness: 1-100(in static color)
- Speed: 16 levels(in dynamic modes)

CONTROL METHOD

- Press the ring to select color.
- Press "—" to turn on & select all lights, Press"○" to turn off all lights.
- Press Zone number to select and turn on/off the zone light.
- Press "*" to increase brightness.
- Press "*" to reduce brightness.
- Press "●" to increase speed in dynamic modes.
- Press "●" to reduce speed in dynamic modes.
- Press "⊕" to Increase dynamic mode.
- Press "⊗" to Reduce dynamic mode.
- Long Press Master ON or Zone1,2,3 for 100% brightness white color.
- Long Press Master OFF for 10% brightness white color.
- Press the ring to adjust brightness.

4. RGBW

- Static colors: 1.6 Million Colors + White
- Dynamic modes: ①RGB Jumping Change ②RGB Fade in&out ③7 Colors Jumping Change ④7 Colors Flash ⑤7 Colors Fade ⑥7 Colors Fade in&out ⑦White Fade in&out ⑧Red Fade in&out + Flash 3 times ⑨Green Fade in&out + Flash 3 times ⑩Blue Fade in&out + Flash 3 times ⑪White Fade in&out + Flash 3 times ⑫Automatic Cycle
- Brightness: 1-100(in static color)
- Speed: 16 levels(in dynamic modes)

CONTROL METHOD

- Press the ring to select color.
- Press "—" to turn on & select all lights, Press"○" to turn off all lights.
- Press Zone number to select and turn on/off the zone light.
- Press "*" to increase brightness.
- Press "*" to reduce brightness.
- Press "●" to increase speed in dynamic modes.
- Press "●" to reduce speed in dynamic modes.
- Press "⊕" to Increase dynamic mode.
- Press "⊗" to Reduce dynamic mode.
- Long Press Master ON or Zone1,2,3 for 100% brightness white color.
- Long Press Master OFF for 10% brightness white color.

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INTRODUCTION

- This is a 3 zone RF receiver, which adopt the most advance PWM control technology, can control all kinds of DC led lights. Such as led strips light, led module, led source etc.
- It can control 3 zones separately, 30 meters tops control distance.

SPECIFICATION

- Working temperature: -20~55°C
- Input voltage: DC12-24V
- Radio Frequency: 2.4G
- Control distance: 30 meters

CONTROL METHOD

- This RF Remote can adjust brightness/color infinitely, its control mode is wireless control. You could adjust light to the appropriate lighting brightness or color in accordance with your actual need.
- Link: Long press any number(1,2,3) button of the 3 zones in 3 seconds once you switch the light. The link is done once the light blink 3 times.
- Unlink: Long press the number(1,2,3) button of the linked zone in 3 seconds once you switch on the light. The unlink is done once the light blinks 9 times.

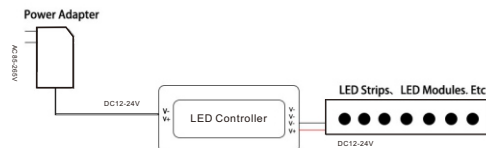
- Tips:
1. Link the device to remote before using it.
 2. Control before click the Zone number(Master ON or Zone1,2,3).
 3. Long Press Master ON or Zone1,2,3 for 100% brightness white color.
 4. Long Press Master OFF for 10% brightness white color.



1. DIM

- Input voltage:DC12-24V
- Output: V-/V-/V-/V+
- Output Current: 4A*3CH
- Output Power: Max144W(12V), Max288W(24V)

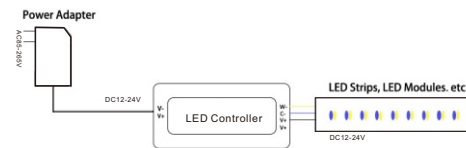
CIRCUIT DIAGRAM



2. CW

- Input voltage:DC12-24V
- Output: W-/C-/V+/V+
- Output Current: 6A*2CH
- Output Power: Max144W(12V), Max288W(24V)

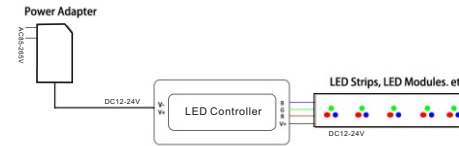
CIRCUIT DIAGRAM



3. RGB

- Input voltage:DC12-24V
- Output: R/G/B/V+
- Output Current: 4A*3CH
- Output Power: Max144W(12V), Max288W(24V)

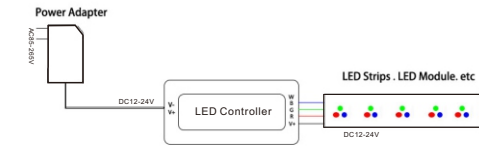
CIRCUIT DIAGRAM



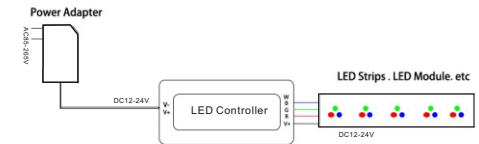
4. RGBW

- Input voltage:DC12-24V
- Output: R/G/B/W/V+
- Output Current: 4A*4CH
- Output Power: Max192W(12V), Max384W(24V)

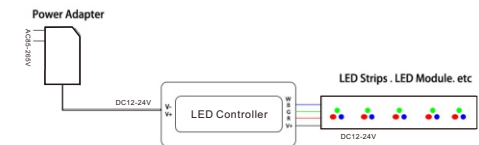
CIRCUIT DIAGRAM



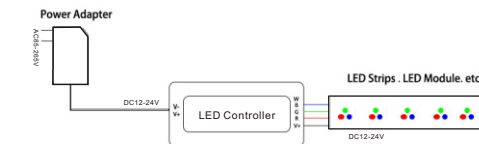
Typical Application



(Zone 1)



(Zone 2)



(Zone 3)

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC Caution:

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

L'appareil a été évalué pour répondre aux exigences générales d'exposition RF. L'appareil peut être utilisé dans des conditions d'exposition portables sans restriction.