

SPECIFICATION FOR APPROVAL

MODEL NO. : GBFDC001-1A

MODEL NO. : GBFDC001-2A

Description of Transmitting Remote Control Operation

The external power adaptor convert AC power into DC power 12VDC/1.0A as main power of receiving system to supply system control circuit and LED light string.

Signal control circuit U1 and LED control circuit R8+Q5 modulate 5VDC voltage as system control circuit power to supply both signal control circuit and LED light string control circuit respectively.

RF receiving module (433.92MHz) receives the medium wave control signal from transmitting remote control, then it picks up the control code and output the signal to signal control circuit U1 (MCU).

After signal control MCU reads the control code, then converts it into LED control circuit command, and output it to back-end LED light string control circuit through CLK and TX signal leads.

LED control circuit U1 (MCU) receives the control command from signal controller and controls the LED light string.

All the signal control and MCU in LED control circuit would produce operation frequency 4MHz automatically inside them and just as the impulse when working inside MCU and not supplied by external circuit, not output to external wiring as well.

Details for Receiving Control Box:

Operation Voltage: External power adaptor

Voltage range for operation: 12VDC/1.0A

Frequency of RF receiving module: 433.92MHz (From the matched Remote Control)

Control command signal transmission function of nine:

Nine Functions:1. All Steady On

2. Warm White Steady On
3. Warm White Flashing
4. Warm White Fade in and Fade out
5. Multicolor Steady On
6. Multicolor Flashing
7. Multicolor Fade in and Fade out
8. Multicolor & Warm White Alternate flashing
9. Multicolor & Warm White Alternate Fade in and Fade out

Eight function control command signal transmission

Eight Functions:

1. COMBINATION
2. All Steady On
3. Two way flashing slower
4. Two way flashing quicker
5. Two interactive fade in and fade out slower
6. Two interactive fade in and fade out quicker
7. Fade in and Fade out slower
8. Fade in and Fade out quicker

Can remote control and stamped on the two kinds of control

1. The Christmas tree, wreath or garland images used with the product:







warnings

FCC Statement

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.

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.

Warning:

Please note that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC Statement

This device complies with Industry Canada licence-exempt RSS standard(s).

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.

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 .

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

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.