



Specification of External Control

1. General Introduction:

(1) External Control

This control method means external control by LED RGB controller, it is 4 wires cable connection, could control RGB change pattern both by RGB controller manually and remote.



Item: GNH-Controller-EX-C

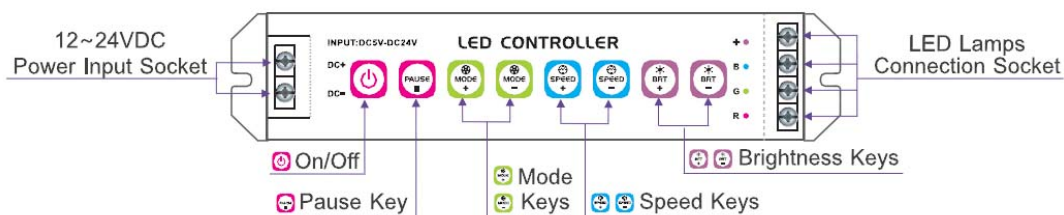
Input Voltage: 12-24VDC

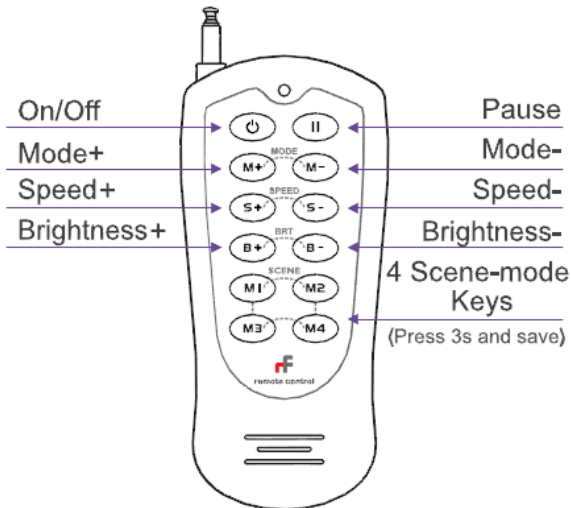
RF Remote Distance: 100M

Radio Frequency: 433.92MHz

Detail for function Key:

8 function keys on the receiver, which is corresponding to the first 8 buttons on the RF remote: namely **ON/OFF**, **PAUSE**, **MODE+**, **MODE-**, **SPEED+**, **SPEED-**, **BRT+**, **BRT-**.





Other Functions:

- Press PAUSE in 3S, the buzzer can be on or off.
- Press MODE+ for 3S to auto loop play all the modes.
- Press MODE- for 3S to 4 scene modes. Merely play the changing modes, the static color will be skipped.
- Press SPEED+ for 3S, all speed change is restored to default status.
- Press SPEED- for 3S, the current change is restored to default status.

ID Learning Method:

Learning ID: Press "On/Off" key on the receiver for 3S, the buzzer long beep and the green light will be on, release the key, press any button on the remote, when the green light turns off means activated.

Cancelling ID: Press "On/off" Key on the receiver for 5Sm the buzzer long beep, the green light will be on and flash once, meanwhile press any button on the remote, when the green light flashes several times means ID canceled (do not release the "On/Off" key during the process).

Connection:

Connect Power supply(12VDC) to one end(DC+, DC-) of LED RGB wire controller, then another end(+, G,G,R port) of LED RGB wire controller connect to 4 wires(V,B,G,R) of lamp as diagram below.

RGB Controller power is 200W, if total lamp wattage is over 180W, need to add Amplifier to enhance RGB signal.



Diagram of external control way(take the fountain light as example):

