

User Manual for Remote Controller Functions

The power supply for remote controller Functions is 12V, and their carrier frequency is 433M.

There are two buttons on the controller:

One is the Function button, which is used to switch the lighting manner of the LED lights;

The other is the Off button, which is used to turn off the LED lights.

Following are the detailed explanation on the function of Function button.

Press the FUNCTION button once, the receiver is switched into FUNCTION 1;

Press the FUNCTION button twice, the receiver is switched into FUNCTION 2;

Press the FUNCTION button three times, the receiver is switched into FUNCTION 3;

Press the FUNCTION button four times, the receiver is switched into FUNCTION 4;

Press the FUNCTION button five times, the receiver is switched into FUNCTION 5, or the receiver is switch into FUNCTION 1 as default for model ST-815T-C. ;

Press the FUNCTION button six times, the receiver is switched into FUNCTION 6 (for model ST-815T-A and ST-815T-B);

Press the FUNCTION button seven times, the receiver is switched into FUNCTION 7 for model ST-815T-A, or the receiver is switch into FUNCTION 1 as default for model ST-815T-B.

Press the FUNCTION button eight times, the receiver is switched into FUNCTION 8 (only applicable for model ST-815T-A) ;

Press the FUNCTION button nine times, the receiver is switched into FUNCTION 1 as default (only applicable for model ST-815T-A).

Attention:

1. The first press on FUNCTION button after OFF button is FUNCTION 1 default.
2. The first press on FUNCTION button after power connection is FUNCTION 1 default.

The receiver of controller is powered by 120V, 60Hz. The Zero Signal is used to sync the clock. The Synchronization initiates just 3 second following the FUNCTION switching.

Description of each Function:

Function for model ST-815T-A:

Function 1: Automatic cycling function from 2→3→4→5→6→7→8→2.....

Function 2: Fast water flowing function. Two speeds with light /off cycle of 260ms, 530ms separately in forward and reverse direction. Each lighting circuit has four ranks of brightness.

Function 3: Slow water flowing function. Two speeds with light /off cycle of 1s, 2s separately in forward and reverse direction. Each lighting circuit just has light and off ranks.

Function 4: Gradually light and shade combined with water flowing function. Two speeds with light /off cycle 8s, 16s separately just in forward direction. Various brightness ranks smoothly switches.

Function 5: Disorderly flash combined with water flowing function. Water flowing function initiates after the disorder flashing between two adjacent lamps. The cycling is 2.5s in forward and reverse directions.

Function 6: Gradually light and shade functions in two speeds with light/off cycle of 4s and 12s separately. Various brightness ranks smoothly switches.

Function 7: Water flowing function (mixing with disorder flashing), integrally displays water flowing function with cycle of 1s in forward direction.

Function 8: All lights on.

Function for model ST-815T-B:

A----- first light circuit
B----- second light circuit
C----- third light circuit
D----- fourth light circuit
E----- fifth light circuit
F----- sixth light circuit

Function 1: A, B, C, D, E, F all lights on.

Function 2: A→AB→BC→CD→DE→EF→F

Switch every 50ms. Example: After A lights on for 50ms, AB will be lightening on for 50ms, then BC...

Function 3: A→AB→BC→CD→DE→EF→F

Switch every 100ms. Example: After A lights on for 100ms, AB will be lightening on for 100ms, then BC...

Function 4: A→AB→BC→CD→DE→EF→F

Switch every 225ms. Example: After A lights on for 225ms, AB will be lightening on for 225ms, then BC...

Function 5: A→AB→BC→CD→DE→EF→F

Switch every 450ms. Example: After A lights on for 450ms, AB will be lightening on for 450ms, then BC...

Function 6: Recycling from Function 1 →Function 2 →Function 3 → Function 4 → Function 5

Switch every 2s. Example: Keep Function 1 for 2s, then switch into Function 2 for 2s, then switch into Function 3 for 2s.

Function for model ST-815T-C:

Attention: Default Function 1 after power connection.

Function 1: Color A on but B off

Function 2: Color B on but A off

Function 3: Color A and B on and off intermittently (Color A on but B off for 1s, then B on A off for 1s)

Function 4: Color A and B on and off intermittently (Color A on but B off for 2s, then B on A off for 2s)

Attention: Default Function 1 after power connection.