

DIGITAL LIGHTING CONTROLLERS INSTRUCTION

Introduction of Multifunction Remote Controller & Simplified Remote Controller:

Power: AAA battery×2; Communication Protocol: RF-2.4G; Effective Distance: 20M (Without Obstacle)

Number of controllable lamps: 1 controller can control 99 groups of lamps, and no limit to the number of lamps in one group.

ID of Lamp: ID of lamps could be 1 to 99.

Multifunction: ON /OFF, Dimming and Color-temp adjusting,timing ON /OFF, 2 scenes recall,auto dimming,night light.

Copy the ID of Remote Controller: Every remote controller has its ID number.One controller can copy and use the ID number of another controller to control the same lamp, and recover its initial ID number.

Operating method:

Steps of Setting ID number of lamps:

- ① Turn OFF the lamp by switch for 3 Seconds, then turn on lamp, finish step②,③ within 10 Seconds
- ② Press 1 or 2 numbers on the number keys of remote controller, than press “ ID ” key;
- ③ Repeat step ② again in case of mistake, then the lamp will flash 1 time.
- ④ Turn off the lamp by switch within 10 seconds, then finish setting.

Control the lamps:

The function of the keys: as the picture on the right.

Control the single group: press the ID number of the lamp you want to control and then press one functional key(on/off, color temp, brightness).

All-control Model: press “ ALL ” key to control all groups.

TIMING ON/OFF:

Press the ID number of the lamp you want to set, press “ ID ” key.

SET: Press the number key 1-99, press “ ⌚ ” timing ON key or “ ⌚ ” timing OFF key, then finish setting. Timing units is 10minutes.

Cancel: Press “ 0 ” key, then “ ⌚ ” timing ON key or “ ⌚ ” timing OFF key to cancel timing mode.

COPY THE ID OF CONTROLLER:

Press “ S ” key of one controller and “ I ” key of another controller at the same time, keep 6 seconds, the indicator will flash 3 times, then finish setting.

Recovery: Press the “ S ” key and “ ALL ” key of the controller which the ID has been copied for 6 seconds, the indicator will flash 3 times.

NIGHT LIGHT MODE:

Press “ ⚙ ” key when the lamp is turned off by the controller to enter the night light mode.

CIRCLE MODE:

Press the ID of the lamp, then press “ ⬅️ ➡️ 🔆 🔦 ” (left, right, up, down) to enter the circle mode.

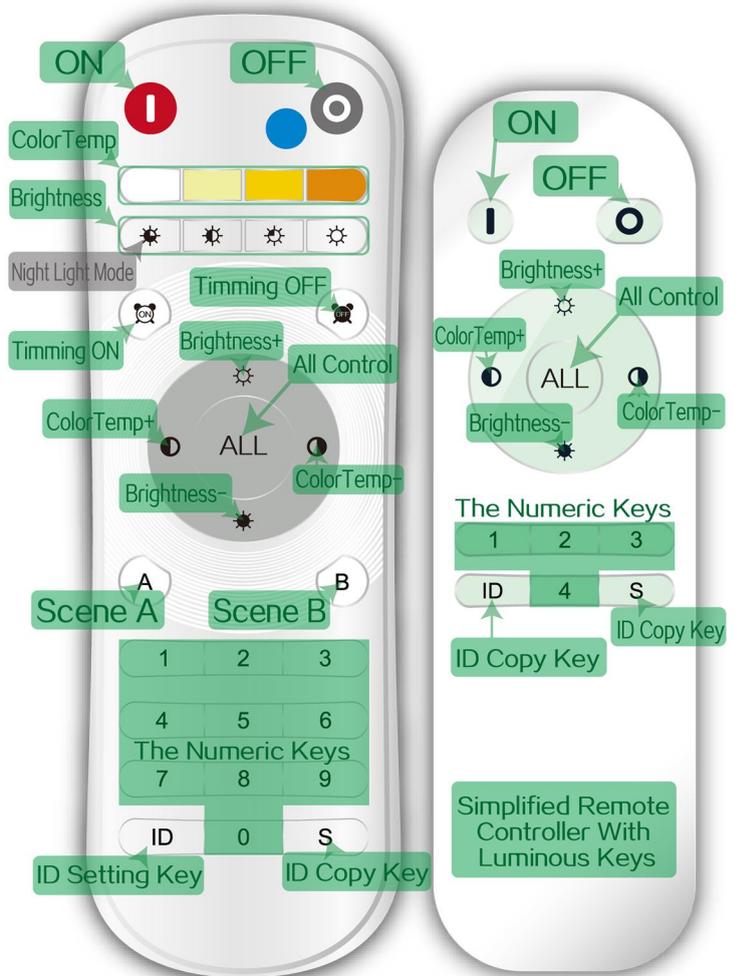
SCENE MODE: The system can save two scenes : “A” and “B”

Save:

- ① Adjust the light as your preference.
- ② Press the ID number of the lamp.
- ③ Press “ ID ” key and then press “ A ” or “ B ”, the lamp will flash 1 time, then the scene will be saved.

Recall:

- ① Press the ID number of the lamp.
- ② Press “ A ” or “ B ”, the lamp will enter the scene you preset.



86 Control Panel:

Power: Rechargeable Li-ion Battery(Endurance is about 3 years); **Communication Protocol:** RF-2.4G;

Number of controllable lamps: 1 controller can control 6 groups of lamps, and no limit to the number of lamps in one group.

Effective Distance: 20M (Without Obstacle) **ID of Lamp:** The following figures is usable: 1, 2, 11, 12, 21, 22

Multifunction: On/Off, dimming and color temperature adjusting.

Operation Instruction:

Setup ID of Lamp:

① Turn off the lamp by switch for 3 seconds then turn on, repeat step ②,③ within 10 seconds.

② Press the ID key, then press “☀️🌑🌒🌔” (up, down, left, right)

③ The lamp will flash 1 time, turn off the lamp by switch within 10 seconds and and wait 5 second before you turn on the lamp then finish setting

Note: If you do not turn off the lamp by switch in 10 seconds, the setup will cancel

How to control lamp:

Function of the key: as picture on the right.

Individual control: Press the ID of the group of lamp, then press the function key.

All control: Press “ALL” key, then press the function key, all the lamp will be control together by the controller

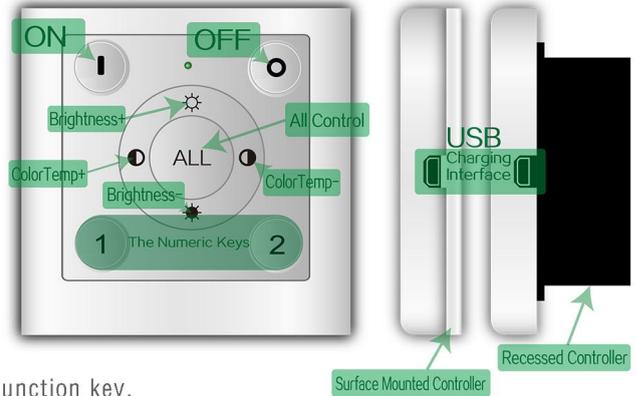
Night Light: Press “☀️” when the lamp is turned off by the controller, then enter the night light mode.

Copy the ID of Controller: Press the “1” key of the controller of the ID you want to copy and “I” key of the controller the ID will be copied at the same time and keep 6 seconds, the indicator will flash 3 times, then finish.

Recover the ID: Press the “1” key and “ALL” key of the controller which has copied the ID for 6 seconds, the indicator will flash 3 times

Circle mode: Press the ID of the lamp and then press “🌒🌔☀️🌑” (Left, Right, Up, Down) to enter the Circle mode.

Press “O” or “I” key to Exit.



Ambient Light Sensor :

Power: Rechargeable LI-Ion Battery (Endurance time is about 2 years, charging time is 5-10 hours)

Communication Protocol: RF-2.4G; **Effective Distance:**20M (without Obstacle)

Number of controllable lamp: 1 group, no limit to the number of lamps in the group within the effective distance

Function: Adjust the lamps that have matched with the sensor automatically according to the ambient illumination.

Operating Mode:

①**Automatically illumination adjusting Mode:** In this mode, the sensor will send the signal to the lamp to keep illumination in the position of the sensor close to the brightness you preset according to the change of the ambient light.

②**Extended Function(optional):** The sound detecting function of the sensor is optional. When there is sound the Sensor will adjust the lamp or will turn off the lamp.

Installation: Choose a place where the ambient light and the light of the lamp can reach.

Establish the matching relationship with the lamp:

①Turn off the lamp by the switch and turn on after 3 seconds, press the key on the bottom of the sensor 3 times within 10 seconds.

②The lamp will flash 1 time, turn off the lamp by the switch within 10S, then finish setting.

Preset the brightness

①Press the key on the bottom continuously till the red indicator and green indicator flash alternately when the matched lamp is on and the ambient brightness is appropriate, then put it on the selected position within 5s.

②Two indicators will be on at the same time after several seconds, the sensor is collecting the ambient illumination, the illumination at this moment is the target illumination. The sensor will finish collecting after about 8 seconds, then into the operating mode.

Automatically Control Mode

①Press “I” of the remote controller or 86 control panel for 3 seconds when the lamp is on and the sensor is operating.

②The lamp will flash 1 time, the automatically control mode starts.

Exit Automatically Control Mode: Press “O” of the remote controller or 86 control panel, the lamp will turn off and exit the automatically mode.

Note: All the brightness key will not work after the automatically mode start. In this mode, when the lamp is turned off by the switch, the lamp will be the half rated power first and then keep the automatically after the lamp turn on by the switch.

The state of the indicator:

①Two indicators of the sensor will be off at the usual time. When the sensor sends a signal to the lamp, the indicator will flash 1 time (when the battery is full, the green indicator flashes, or the red indicator flashes, and the sensor need charge).The red indicator will on while charging.

②Press the key on the bottom of the sensor, the indicator will be on. If the red indicator turns on, the sensor is standby, if the green indicator turns on, the sensor is operating. Press the key again, the state of the sensor will change between standby and operating. After 5 seconds when you stop pressing the key, the indicator will turn off, and keep the state at that time.

Note: Every lamp can match with a remote controller, a 86 control panel and a ambient light sensor. While matching the lamp with the controllers and sensor, please turn off the operating sensors in the area, because the operating sensors will interfere matching.

