EVERSTAR
Smart Wireless Technology

DATASHEET
ES-CCT-2.4G-4B

PRODUCT SPECIFICATION

Product description : RF 2.4G 4-Zone Wall-panel Remote (CCT)

Version : 1.0

1. PRODUCT PHOTO



2. FEATURES

- Product supply voltage is AC90-265V;
- Adopt 2.4G wireless control, with feature of long distance and non-directional control;
- Full touch panel design, unique interface, easy operation;
- The product's structure, dimensions and installation methods are in line with European standards;
- The group control function is intuitive and concise, and the key touches with a buzzer to remind;
- HX-HWP86-CCT-2.4G-4B match with HC/QC series dimming driver;
- Three years warranty.

3. TECHNICAL PARAMETERS

Working temperature	-20°C~60°C	Working voltage	AC90-265V(50/60Hz)
Standby power	<0.2W	Working power	<2W
Dimming Grade	1024	Remote distance	>20M
Net weight	125g	Packing Size	W89*L89*H40mm
Case dimension	W86*L86*H32mm	Gross weight	140g
WIFI frequency	2.4GHz		

4. CONNECTION DIAGRAM



5. WALL-PANEL INSTALLATION INSTRUCTION

Step 1: Fixing the bottom cover into the wall;



Step 2 : Fixing the metal frame into the bottom cover with screws(projecting part upward)



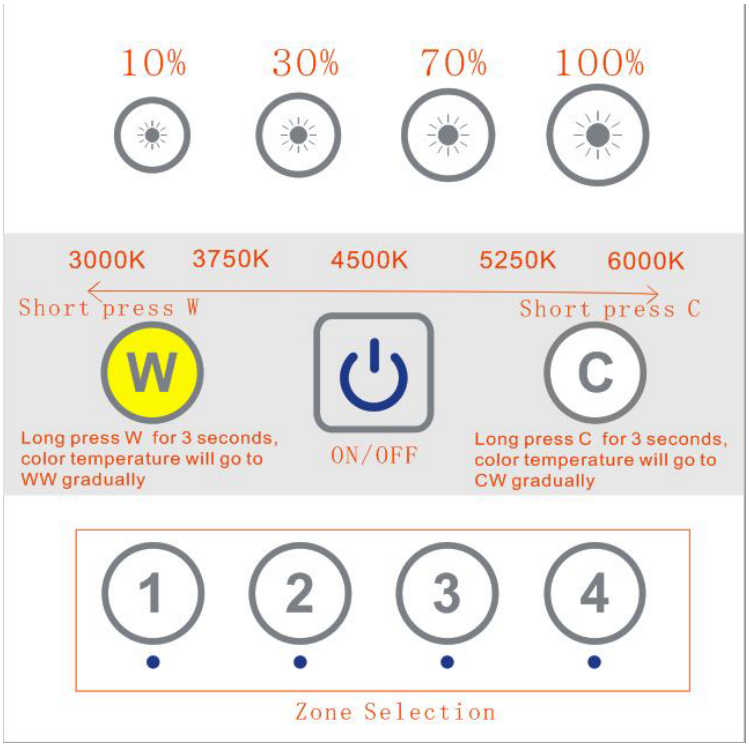
Step 3 : Pressing the wall-panel into the metal frame, after connecting well the input and output wires.





6. DIRECTION FOR USE

Standard 86 wall panel remote control, Total 11 keys, each key function as below:



Name of key	Description
ON/Off Key	ON/off controller output at any status
WW Key（W）	Long press W key for 3 seconds, color temperature will go to WW gradually, short press adjust 5 grade temperature.
CW Key（C）	Long press C key for 3 seconds, color temperature will go to CW gradually, short press adjust 5 grade temperature.
10% Key	10% Brightness
30% Key	30% Brightness
70% Key	70% Brightness
100% Key	100% Brightness
Zone Selection	Corresponding zone indicator will light, 4 zones are independently controlled

Wireless remote control code value setting method

The biggest advantage of this system is that it can not only solve the cabling problem in engineering wirelessly, but also realize a wired-like operation experience. In order to facilitate the early testing and debugging of the project, the factory status of the receiver is normally unpaired and each remote controller has a unique code value. The user should perform the matching work of the remote controller and the receiver during the installation of the project to avoid the mutual influence of the radio frequency remote control technology during the later use.

Please pay attention to the following 3 points before operation:

1) All equipment in the complete system after installation should have a unified and unique code value, so as to achieve the security and stability of the system.

2) The receiver can only store one code value and cannot be overwritten. Before learning the new code value, it is necessary to clear the original code of the receiver; the remote controller can only save one code value but can be overwritten and can also restore the factory settings. In order to facilitate the later maintenance, the three components that may be involved in the system (including receivers, handheld remote controllers, and panel remote controllers) can realize mutual learning of code values.

3) Since the receiver performs code value learning in the power-on state, in order to avoid confusion in the area, it is recommended that each area has an independent power switch so that the power of other areas can be easily cut off when the code is being operated.

(1) Code pairing operation: means that the receiver will only be controlled by the value code remote controller.

Step	Operation	Instructions
1	Connecting the load to the receiver and power on it.	1.It is necessary to clear the code first, if the receiver was coded before. 2.Batch operation can be performed within the remote control range.
2	Select area	Select the area with the "Zone" key and the corresponding indicator lights up
3	Press and hold “100%” on the remote control for 5 seconds, the indicator of the remote control will flash quickly, means it enters the pairing code transmission status.	Will automatically exit code transmission status after 60 seconds, or pressing any key to exit.
4	See the load light flashes 3 times and return to the initial state	Pairing coding is finished successfully

(2) Code clearing operation: means that the original code value of the receiver will be cleared and returned to the factory state. Then it can be controlled by any compatible remote controller, and can learn to a new code.

Step	Operation	Instructions
1	Connecting the load to the receiver and power on it.	1. The clearing operation should be finished within 5 minutes after the receiver is powered on. If exceeds the time, can be powered on again. 2. Batch operation can be performed within the remote control range.
2	Press and hold the remote control “10%” for 10 seconds. The indicator of the remote control flashes quickly, means it enters the clearing code transmission status. There is no need to select the corresponding area when clearing code.	1. Will automatically exit code transmission status after 60 seconds, or pressing any key to exit. 2. If the original remote controller is lost, the new remote controller can be used for clearing operations.
3	See the load light flashes 3 times and return to the initial state	Clearing coding is finished successfully

(3) Code learning operation between remote controls: Used to unify system code values or copy a new remote controls.

Since each remote controller has its own unique code at the time of delivery, when there are multiple remote controllers in one system, one of them (for example, remote controller A) must be selected as the system code value, and the code value of the rest remote controllers (for example, remote controller B) should be copied to the same one.

Step	Operation	Instructions
1	A remote control：Press and hold “100%” on the remote control for 5 seconds, the indicator of the remote control will flash quickly, means it enters the pairing code transmission status.	Will automatically exit code transmission status after 60 seconds, or pressing any key to exit.
2	B remote control: long press "ON/OFF" for 5 seconds, the remote indicator light changes from 100% light to 5% light and flash, means entering the code value receiving state	Will automatically exit the code value receiving state after 30 seconds, or exit after learning the code value successfully.
3	see the B remote control indicator light flash 3 times	Code copying is finished and exit code value receiving status.

(4) The remote controller restores the factory setting: it means that the remote controller will be restored to the factory's unique code value.

Step	Operation	Instructions
1	Long press "ON/OFF " for 20 seconds	The remote indicator light dim down and flashes continuously until the 20th second and then back to 100% light. Means this step is finished.
2	Press the "10%" to confirm, the remote indicator light flashes 3 times	Restore factory settings successfully.