Product specification

Product description：   RF 2.4G Dual White Remote Control (CCT)

Model ：   HX-RFBT-CCT-2.4G

Version：   V1.1

Release date：   2018/03/23

Product Name	RF 2.4G Dual White Remote Control (CCT)		
Series	RFBT		
Version Record			
Version	**Change description**	**Release date**	**Compatibility with the previous version**
V1.0	Original version	2017/4/28	
V1.1	Change the code operation	2018/03/23	Compatible

Customer confirms, Company name:_____

Test	Confirm	Audit

Complete model no according customer's demand:

NO 1		NO 2	
NO 3		NO 4	

1. Product photo

2. Features:

1）Working voltage: 3V (AAA*2);

2）Adopt RF 2.4GHz wireless control, remote control distance is long and no directional;

3）Full button design, unique interface, and easy to operate;

4）Work stable, low power consumption, long standby time;

5）RFBT-CCT-2.4G compatible with HC/QC series CCT dimming drivers;

6）3 years warranty.

3. Technical Parameters

Working temperature	-20-60℃	Working voltage	3V （AAA*2PCS）
Sleep current	18uA	Emission current	25mA
Sleep power consumption	54uW	Emission power consumption	75mW
Net weight	65g	Dimension	L150*W40*H20 (mm)
RF distance	≤30m	RF frequency	2.4Ghz
Dimming level	1024	Battery Life	2 years

4. Direction for use

Each buttons function as below:

Name of key	Description
Set button	Blank key
ON	Turn on
OFF	Turn off
Brightness +	Increase the brightness (4096 levels in total, from the minimum brightness to maximum brightness need long press for 6s)
Brightness -	Reduce the brightness(4096 levels in total, from the maximum brightness to the minimum brightness need long press for 6s)
CW balance key	Balance to cool white (4096 levels in total, from CW to WW need long press for 6s)
WW balance key	Balance to warm white (4096 levels in total, from WW to CW need long press for 6s)
Mode	**3 static modes**：warm white, cool white, pure white
Night light	5%Brightness
DIY 1 / DIY 2	After select the light effect your nee, Press "DIY 1/ DIY 2" for 3s, the light will be breath, it means saved successfully
Delay button	Press this button, the light will be flash and delay off in 30 seconds. This function can be cancel by ON/OFF button.

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	Press and hold "ON" 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.
3	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 "Off" for 10 seconds. The indicator of the remote control flashes quickly, means it enters the clearing code transmission status.	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 "ON" 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 "mode key" 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 "mode " 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 "OFF" to confirm, the remote indicator light flashes 3 times	Restore factory settings successfully.