

HX-HC-LV

2.4G Wireless-sync-control CCT controller

HX-HC-LV is a low-voltage controller with advanced PWM control technology, used to control a variety of dual-white led lamp, such as: constant voltage dual-white LED strips, line lights, panel lights and so on. It adopts 2.4G wireless remote control mode and excellent synchronization technology, you can achieve all the controller wireless synchronization working-make wiring more simple and convenient.



Product features:

1. Adopts PWM DIMMING TECHNOLOGY to achieve high quality dimming effect:

- Achieve high precision linear dimming, non-flicker
- High-quality delicate & soft dimming effect
- Input/output voltage: DC12-24V; Max. output current: 8A*2CHs

2. Wireless -control features:

- RF 2.4GHz, two-way signal communication
- Adopting patented technology--Air Self-inspection Sync control-unlimited by remote control distance, more drivers better sync-working
- Compatible with Freighting APP control system, achieve WIFI intelligent control by mobile phone
- Independent buttons for ON and OFF, reliable remote-control function
- Up to 6 items remote control for options, contain 1-zone and multiple-zone remote control solutions
- Compatible with HD/HC series dimming driver for constant current LED fixture, can be mixed used in same one system.

3. Design for: constant voltage dual-white led strips/modules.

4. 3 years warranty.

Technical Parameters

Working temperature	-20-60°C	Supply voltage	12~24V
Static power consumption	<1W	Connecting mode	Common anode
Grayscale	1024 levels	PWM frequency	1.95KHz
N. weight	70g	G. weight	80g
External dimension	L115*W45*H31 (mm)	Packing size	143*49*39mm
Output channels	2channels	Output current	8A each channel in Max.
Remote distance	≤30m	RF frequency	2.4GHz
Memory function	yes	Mode	3
Output power	12V:<192W, 24V:<384W	Sync-working	yes

Interface Specifications

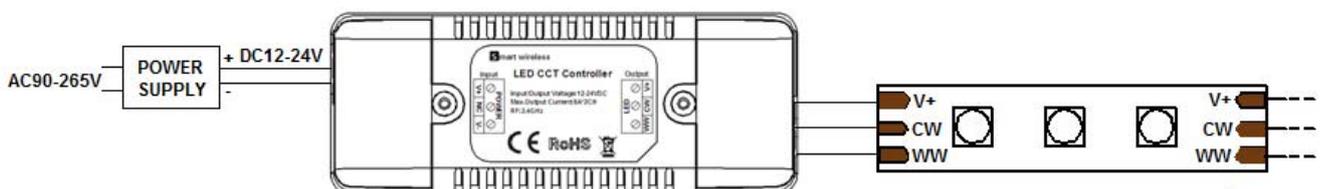


Wire specifications recommend:

Input wire: three-core PVC plastic wire H05VV-F , diameter =0.72mm, VDE certificate, core 3*1.0mm². 300/500V, Stripping 11mm and tin dipping 3mm for the end of wire which is directly connect with the driver.

Output wire: three-core PVC plastic wire, diameter =0.5mm. Stripping 11mm and tin dipping 3mm for the end of wire which is directly connect with the driver.

Connection diagram



Product compatibility (Remote control optional)

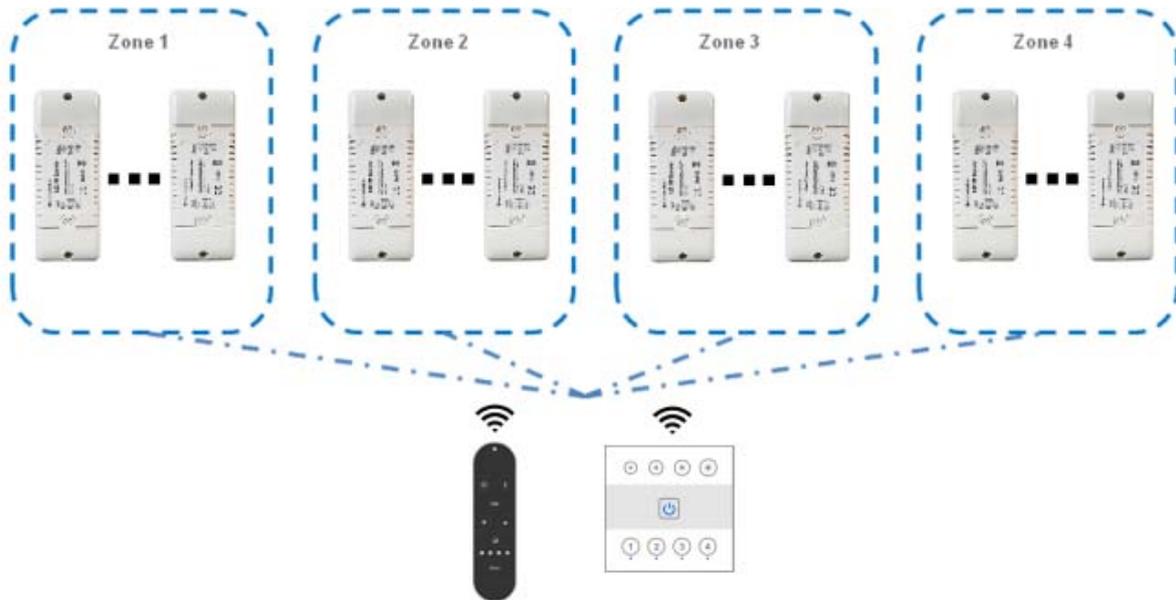
Model: HX-RFBK-2.4G (Multi-zone)	Model: HX-RFBT10-CCT-2.4G (Multi-zone)	Model: RFBT-2.4G (Single zone)
		
Model: HX-RFBT15-2.4G (Single zone)	Model: HX-HWP86-CCT-2.4G-4B (Multi-zone)	Model: HX-HWP86-CCT-2.4G (Single zone)
		
Model: HX-WP86-AP		
		

Typical Applications

- 1) Compatible with 6 kinds of remote control, any combination is okay according to the project requirement.
- 2) Air Self-inspection Sync technology make it has more excellent wireless synchronization function rather than other similar products. Especially, more led drivers(No limited) can be wireless-connected and sync controlled by one remote control, No longer be limited by remote control distance.



(3) Typical applications for 4 zones remote control, more drivers can be sync controlled in each zone, 4 zones can be controlled both separately and overall.



Tips:

- 1) If the lamp is light up without any operation in 167 hours, the driver will turn off the lamp automatically. It will recount the time if there is any operation from power switch or remote control.
- 2) Memory function, each time power-on reserve the mode which stop in the last power-down.

Warning

1. Supply voltage of this product is DC12-24V, never connect to other voltage.
2. Before power on, please make sure the wires are connected correctly according to connecting diagram. Or (like: short-circuit connection, positive-negative reverse) will damage the device.
3. Warranty of this product is 3 years, but exclude the artificial situation of damaged or overload working.