

RF CCT controller

HB-PAN 40W / HB-PAN 40B / HP-PAN 50B



HB-PAN 40W / HB-PAN 40B

HB-PAN 50B



Feature

HB-PAN 40W / 40B & HB-PAN 50B are RF controllers for CCT LED lighting. Each white can achieve 256 levels brightness adjustment. Key part can be uninstal every easily to change battery and frames from other factory. Receivers work with WIFI-RF convertor to be controlled by smart phone.

Parameter

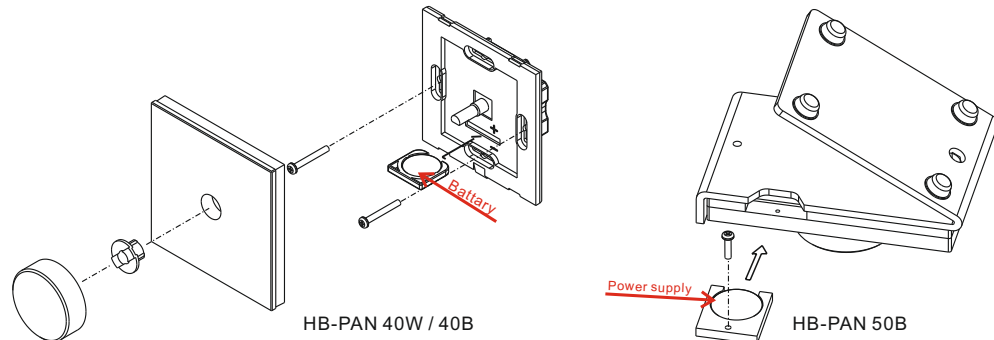
Remote

Part No.	Operation Voltage	Operation Frequency	Remarks
HB-PAN 40W/40B	3VDC	434MHz/868MHz	RF Wireless
HB-PAN 50B	3VDC	434MHz/868MHz	RF Wireless

Receiver

Part No.	Input Voltage	Current	Output	Remarks
HB-REC 10U	12-36VDC	4x5A	4x(60-180)W	Constant voltage
HB-REC 20U	12-36VDC	4x8A	4x(96-288)W	Constant voltage
HB-REC 30I	12-36VDC	4x350mA	4x(4.2-12.6)W	Constant current
HB-REC 40I	12-36VDC	4x700mA	4x(8.4-25.2)W	Constant current

Installation

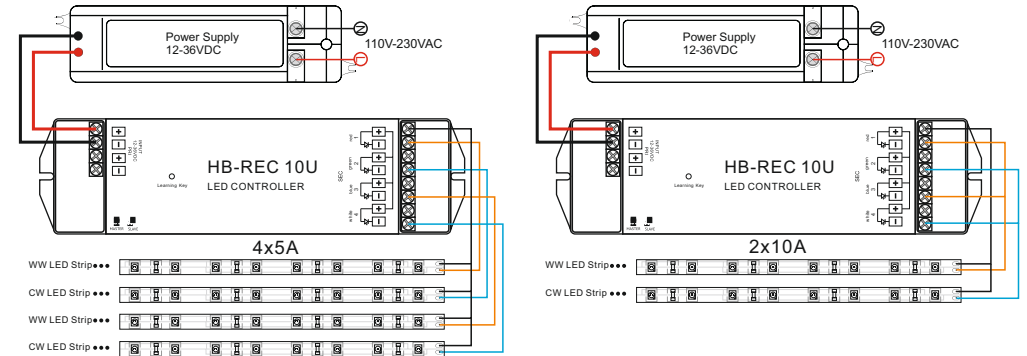


HB-PAN 40W / 40B

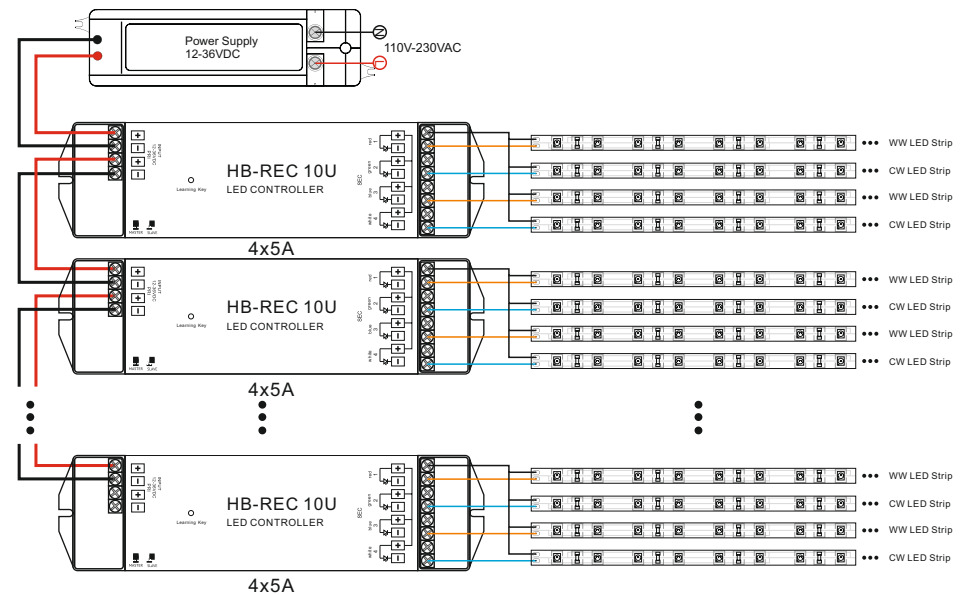
HB-PAN 50B

Wiring diagram

1)Receiver Connection Diagram for Single Unit



2)Receiver Connection Diagram for Multiple Units



Operation

a. Learning

Press shortly the learning Key ● on the receiver, then push the rotary button .Once successfully learn, the LED lights will blink on the receiver. Do the same for the other receivers if you use them, you can add as many optional receivers as you want.

b. Operation

-Short push rotary button to switch ON/OFF

-Adjust dim brightness by the rotary button from left to right 1-100%

-Adjust dim brightness by the rotary button from right to left 100-1%

-Double click rotary button, it will enter into dimming color temperature mode, dim WW and CW associatively , for example if WW is 70%, CW is 30% .Double click again, will enter into dimming brightness mode.

Safety & Warnings

- 1) The product shall be installed and serviced by a qualified person.
- 2) IP20. Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
- 3) Always be sure to mount this unit in an area with proper ventilation to avoid overheating.
- 4) Please check if the output voltage of any LED power supplies used comply with the working voltage of the product.
- 5) Never connect any cables while power is on and always assure correct connections to avoid short circuits before switching on.
- 6) Please ensure that the cable is secured tightly in the connector
- 7) For update information please consult your supplier.

Warranty Agreement

- 1) We provide lifelong technical assistance with this product:
 - 5-year warranty. We print date on every products, for example : 1125 means year 2011, week 25. The warranty is for free repair or replacement and covers manufacturing faults only.
 - For faults beyond the 3-year warranty we reserve the right to charge for time and parts.
- 2) Limited Warrenty
 - Any defects caused by wrong operation.
 - Any damages caused by unauthorized removal, maintenance, modifying, incorrect connection and replacement of chips.
 - Any damages due to transportation, vibration etc. after purchase.
 - Any damages caused by earthquake, fire, lightning, pollution and abnormal voltage.
 - Any damages caused by negligence, inappropriate storing at high temperatures and humidity or near harmful chemicals.
 - Product has been updated
- 3) Repair or replacement as provided under this warranty is the exclusive remedy to the customer.