

Wall Mounted Touch Panel Series **Specification**

CP5-GBA



CP5-GBA

【Features】

- Touch panel 4 zone 1-5 color universal DMX512 master, can also be used as 4 zone 1-5 color universal RF remote.
- Each zone can be set as single color, dual color(WW/CW), RGB, RGBW or RGB+CCT light type.
- DMX signal output, comply to standard DMX512 protocol, compatible with DMX decoder from any supplier.
- When used as RF remote, each zone can remote control multiple RF 2.4G LED controllers.
- Ultra sensitive high strength glass touch panel with touch color wheel in the middle.
- Smooth and accurate color adjustment by touching the color wheel.
- Touch keys with LED indicator.
- White & Black glass panel available.
- Certification: CE, RoHS.
- Warranty: 5 years.



【Technical Parameters】

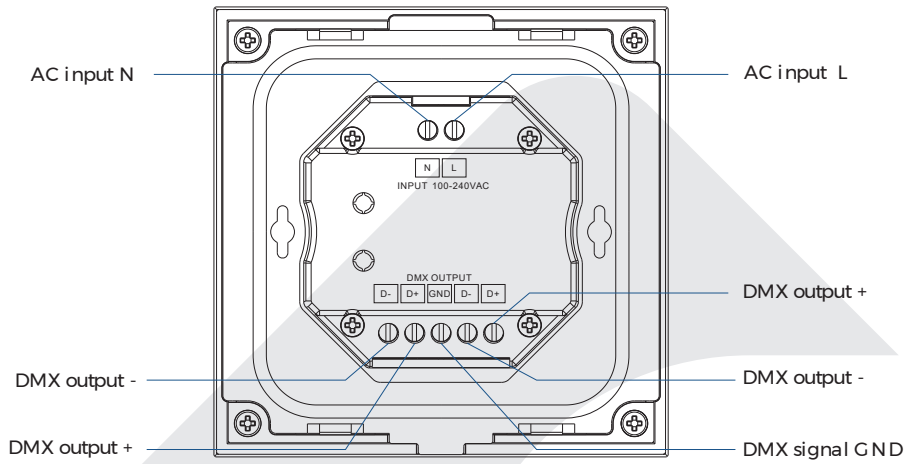
Item	Parameters
Model No.	CP5-GBA
Light type	Single color, Dual color,RGB,RGBW,RGB+CCT
Output DMX channel number	20
Input voltage	100-240VAC
Input current	Max. 0.1A
Output signal	DMX512, RF 2.4GHz
Input signa	Touch key+RF2.4GHz
RF Control distance	30m (Barrier-free space)
Dimming level	256 levels
Dimming range	0-100%
Operation temperature	-30℃ - 55℃
Case temperature (Max.)	65℃
Size	L86*W86*H33mm
IP rating	IP20
Certification	CE, RoHS
Warranty	5 years (Tc<85℃)

Remarks:

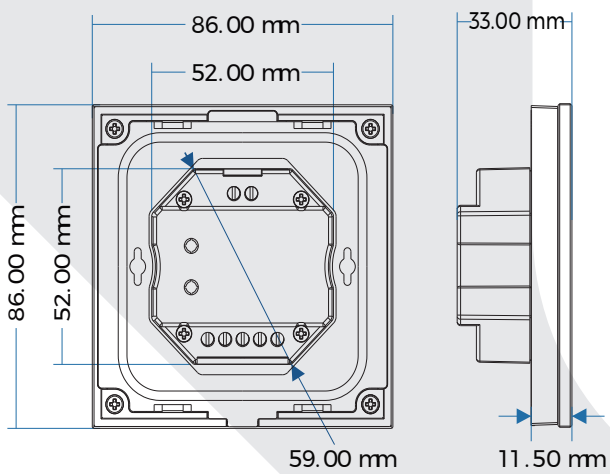
- 1, The above parameters are based on the standard test;
- 2, The above parameters are typical values.

[Mechanical Structures and Installations]

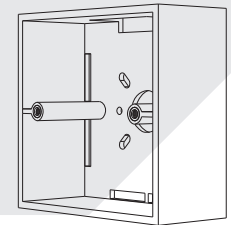
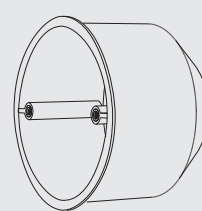
1. Mechanical Structures:



2. Dimensions:



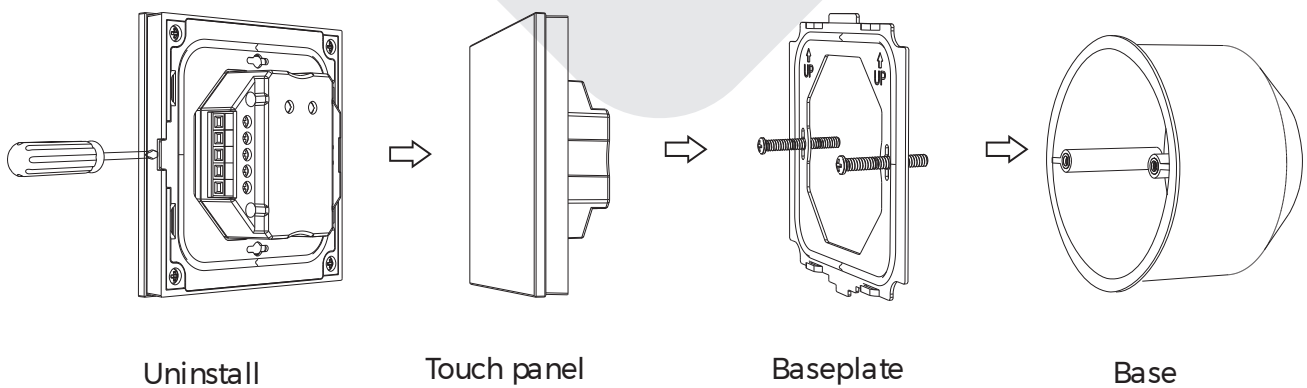
Typical base as below:



European style

86 size

3. Installation diagram:



[Key Function]




Zone light type setting


Each zone can match single color, dual color(WW/CW), RGB,,RGBW or RGB+CCT(WW/CW) controller or lamp.


Touch power key to turn on light, turn off light, then immediately long press power key 5 seconds, enter zone light setting: long press Zone 1/2/3/4 key 2 seconds, select current zone you want to change, then long press below five key 2 seconds to change current zone light type.

 : Long press 2 seconds, set current zone as single color type.

 : Long press 2 seconds, set current zone as dual color type.

 : Long press 2 seconds, set current zone as RGB color type.

 : Long press 2 seconds, set current zone as RGBW type.

 : Long press 2 seconds, set current zone as RGB+CCT type.


For example, If you want to change zone 1 light type as RGB type,


please long press Zone 1 key 2 seconds firstly, then long press  2 seconds will set Zone 1 as RGB type.


When in zone light type setting state, all above long press key operation, the LED indicator will lighten red and blue.


Short press power key or touch color wheel, or timeout 10s, quit zone light type setting.


 — Turn on/off allzonelight.


 — RGB color / Colotemperature.
Press RGB or CCT key to switch between RGB wheel and CCT wheel.

 — RGB color24 levels.

 — For dual color or RGB+CCT(WW/CW), adjust color temperature by WW/CW channel, short press11 levels, long press 2s get max or min color temperature
For RGB, adjust color temperature by mix R/G/B channel,11 levels.
For RGBW, adjust color temperature by adjust W channel brightness,11 levels.
long press 2s get 100% or 0% White channel brightness.

 — Short press play 10 built-in dynamic mode, long press 2s run mode-cycle.

 — For dynamic RGB mode, adjust speed, short press 10 levels, long press 2s get the default speed.
For static RGB color, adjust saturation, namely change current static RGB color to mixed white slowly short press11 levels, long press 1-6s for continuous 256 levels adjustment.

 — Adjust brightness, short press10 levels, long press 1-6s for continuous 256 levels adjustment.

 — Short press replay scene. Long press 2s to save the current color into the scene.
4 zone recall or save synchronously

1 2 3 4
ZONE ZONE ZONE ZONE

Short press turn on zone light and select zone simultaneously long press 2s turn off zone light.

4 zone control seperately or synchronously, each zone could control multiple receivers.

Only multiple zone have same light type can select synchronously

Note:

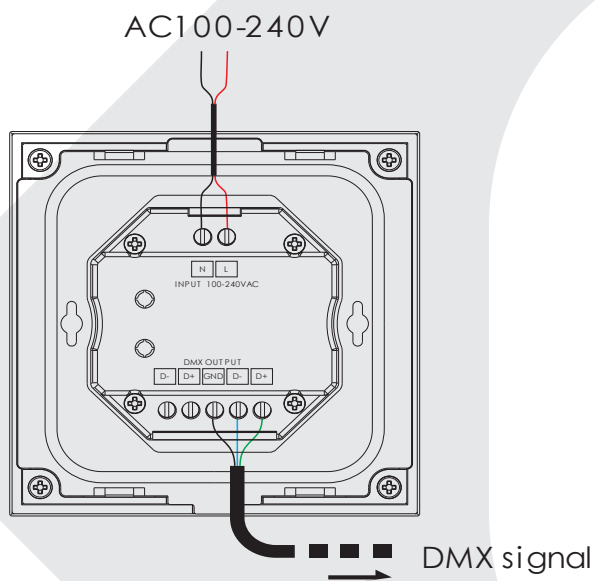
- For single color, touch RGB/CCT wheel only change brightness, RGB, MODE, SPEED key is invalid.
- For dual color, touch RGB/CCT wheel only change color temperature, RGB, MODE, SPEED key is invalid.
- For RGB, when touch CCT wheel, adjust color temperature by mix R/G/B channel.
- For RGBW, when touch CCT wheel, adjust W channel brightness.
- Turn on key tone: Long press power key 10s when all zone light is off, will turn on or turn off tone.

[DMX Feature Introduction]

1. As DMX512 Master: After connect with DMX decoders, please set the DMX decoder s address as below:

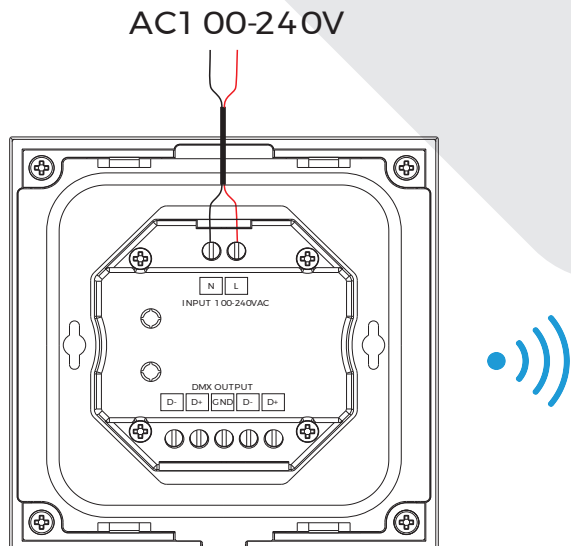
Light Type	Light color channel					Zone 1 DMX address	Zone 2 DMX address	Zone 3 DMX address	Zone 4 DMX address
Single color	W	W	W	W	W	1-5	6-10	11 -15	16 - 20
Dual color	WW	CW	WW	CW	0	1-5	6-10	11 -15	16 - 20
RGB	R	G	B	0	0	1-5	6-10	11 -15	16 - 20
RGBW	R	G	B	W	W	1-5	6-10	11 -15	16 - 20
RGB+CCT	R	G	B	WW	CW	1-5	6-10	11 -15	16 - 20

2. Touch panel work as DMX512 master:



[RF2.4G Feature Introduction]

1. Wiring Diagram for touch panel work as RF remote



2. Touch Panel work as RF remote

Touch panel 4 zone remote can match with RF controller for the corresponding light type. End user can choose the suitable match/delete ways. Two options are offered for selection:

Operation	Use the controller' s Match key	Use Power Restart
Match	Short press match key, immediately press on/off key (single zone remote) or zone key (multiple zone remote) on the remote. The LED indicator fast flash a few times means match is successful.	Switch off the power, then switch on power again, immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote. The light blinks 3 times means match is successful.
Delete	Press and hold match key for 5s to delete all match, The LED indicator fast flash a few times means all matched remotes were deleted.	Switch off the power, then switch on power again, immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote. The light blinks 5 times means all matched remotes were deleted.

3. Dynamic mode list

NO.	Name	NO.	Name
1	RGB jump	6	RGB fade in and out
2	RGB smooth	7	Red fade in and out
3	6 color jump	8	Green fade in and out
4	6 color smooth	9	Blue fade in and out
5	Color temperature smooth	10	White fade in and out

【Packing】

1、Packing list:

Model	Panel	Manual	Baseplate	纸卡	Self-tapping screws	PE Bag	Individual box
CP5-GBA	1PCS	1PCS	1PCS	1PCS	2PCS	2PCS	1PCS

2、Packaging Information:

Model	Individual box size	Quantity/ box	Number / Box	net weight (kg)	Net weight per carton (kg)	Gross weight (kg)	Carton size (mm)
CP5-GBA	L110*110*58 mm	1PCS	100PCS	0.192	19.2	21.8	350*240*230

【Precautions】

1. Panel placement may offer up to 30m communication distance. Metals and other metal materials will reduce the range. Strong signal sources such as WiFi routers and microwave ovens will affect the range. We recommend for indoor applications that receiver placements should be no further apart than 15m.
2. The number of panels controlled by one remote control should not be too many to avoid mutual interference of remote control signals. It is recommended to replace the controllers with power expanders as much as possible.
3. If no response from the receiver, please re-match the remote.
4. Gently handle remote, be ware of falling .
5. For indoor and dry location use only.