

HX-HWP86-XSP V1.1

Category: LED Dimming Drivers and Accessories
Source model: HX-HWP86-XSP V1.1
Internal reference: HOION-CTRL-110

Product Overview

4-zone wall panel remote control

Technical Details

Features

- 1) Product supply voltage is AC90-265V;
- 2) Adopt 2.4G wireless control, with feature of long distance and non-directional control;
- 3) Full touch panel design, unique interface, easy operation;
- 4) 4-zone separately control/overall control, support 3 scenes control.
- 5) The product's structure, dimensions and installation methods are in line with European standards;
- 6) The group control function is intuitive and concise, and the key touches with a buzzer to remind;
- 7) HX-HWP86-XSP compatible with HD/HC/QD/QC/DLC series dimming driver;
- 8) Three years warranty.

Technical Parameters

Working temperature	-20℃~60℃	Working voltage	AC90-265V(50/60Hz)
Standby power	<0.9W	Working power	<2W
Frequency	2.4GHz	Remote distance	30M
Dimension	W86*L86*H33mm	Packing Size	W89*L89*H40mm
Net weight	125g	Gross weight	140g
Dimming Grade	1024		

Connection diagram

Wall-panel Installation instruction

Construction and dimension

Direction for Use

Could set as single color type, CCT type; Also could set showing English/Chinese on the screen:
CCT: DIP switch 1 up DIM: DIP switch 1 down
English: DIP switch 2 up Chinese: DIP switch 2 down

Standard 86 wall panel remote control, Total 9 keys, each key function as below:
DIM

Name of key	Description
Display	Show which zone is selected and the state of the light.
ON/OFF	ON/off controller output at any status
Coarse Brightness +	Brightness Shortcuts:10% brightness increase
Coarse Brightness -	Brightness Shortcuts:10% brightness reduction
Brightness +	brighten up gradually and steplessly.

| Brightness - | dim down gradually and steplessly.

| Scene 1-3 | Short-pressing in single zone state to show the set state of corresponding zone;
Short-pressing in overall-control state to show the set state of all zones.

Scene setting operation:

Selecting the right zone.

Pressing Scene key 5 times in 5 seconds, will enter scene setting state for corresponding zone, zone indicator light will flash.

Setting the right light state with "ON/OFF", "Brightness+/-", in 30 seconds (will exit scene setting state automatically without saving when the time over 30 seconds or pressing other keys like "Z").

Pressing Scene key 1 time to save and finish the scene setting operation.

Tips:

Scene setting operation for each zone is separately. "Scene control" will work for the corresponding zone only in single-zone control state; will work for the all 4 zones in overall-control state; so, it is flexible to setting up different scenes with zones.

The factory default state of Scene 1/2/3 is: 100%/55%/10% brightness for all zones.

| Zone 1-4 | The Zone Selection key is used to switch between zones

CCT:

Name of key	Description
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Display	Show which zone is selected and the state of the light.
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ON/OFF	ON/off controller output at any status
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CCT-	1. Short press to decrease the color temperature by 10K. 2. Long pressing color temperature will go to WW gradually and steplessly
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CCT+	1. Short press to increase the color temperature by 10K. 2. Long pressing color temperature will go to CW gradually and steplessly.
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Brightness +	1. Short press to increase brightness by 1% 2. Long-pressing brightness will brighten up gradually and steplessly.
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Brightness -	1. Short press to decrease brightness by 1% 2. Long-pressing brightness will dim down gradually and steplessly.
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| Scene 1-3 | Short-pressing in single zone state to show the set state of corresponding zone;
Short-pressing in overall-control state to show the set state of all zones.

Scene setting operation:

Selecting the right zone.

Pressing Scene key 5 times in 5 seconds, will enter scene setting state for corresponding zone, zone indicator light will flash.

Setting the right light state with "ON/OFF", "Brightness+/-", "CW/WW" in 30 seconds (will exit scene setting state automatically without saving when the time over 30 seconds OR pressing other keys like "Z").

Pressing Scene key 1 time to save and finish the scene setting operation.

Tips:

Scene setting operation for each zone is separately. "Scene control" will work for the corresponding zone only in single-zone control state; will work for the all 4 zones in overall-control state; so, it is flexible to setting up different scenes with zones.

The factory default state of Scene 1/2/3 is: 6000K/4350K/2700K at 100% brightness for all zones.

| Zone 1-4 | The Zone Selection key is used to switch between zones

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.

1/4

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1/4

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 "S4" 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.

1/4

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1/4

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 1 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 "S1" for 5 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.

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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 1/4 Press and hold "S4" 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.

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| 2 | B remote control: long press "ON/OFF" for 5 seconds, the remote indicator light changes from 100% to off, 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) Copying code from receiver to remote control.

There is also available to copy the code from original receivers to new remote.

| Step | Operation | Instructions

| 1 | Cut off the power of receiver | Which one will be controlled by remote

| 2 | Long-press "ON/OFF" for 5 seconds, the remote indicator light changes from 100% light to off, 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 | Power on the receiver, will see remote control indicator light flash 3 times. | Code copying is finished and exit code value receiving status.

*The distance from remote to receiver should be less than 2 meters.

*One time operation will copy all zones code, no need operating different times for different zones.

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

| Step | Operation | Instructions

| 1 | Long press "ON/OFF " for 20 seconds. | the display screen shows "Press S2 to submit"

| 2 | Press the "S2" to confirm, buzzer rings 3 times | Restore factory settings successfully.

Product information for placing order

| Product name | Item number

| 4-zone CCT wall panel remote with scene control function | HX-HWP86-XSP

Source reference: <https://www.hoionlighting.com/a/pics/ledkongzhiqu/2021/0416/300.html>