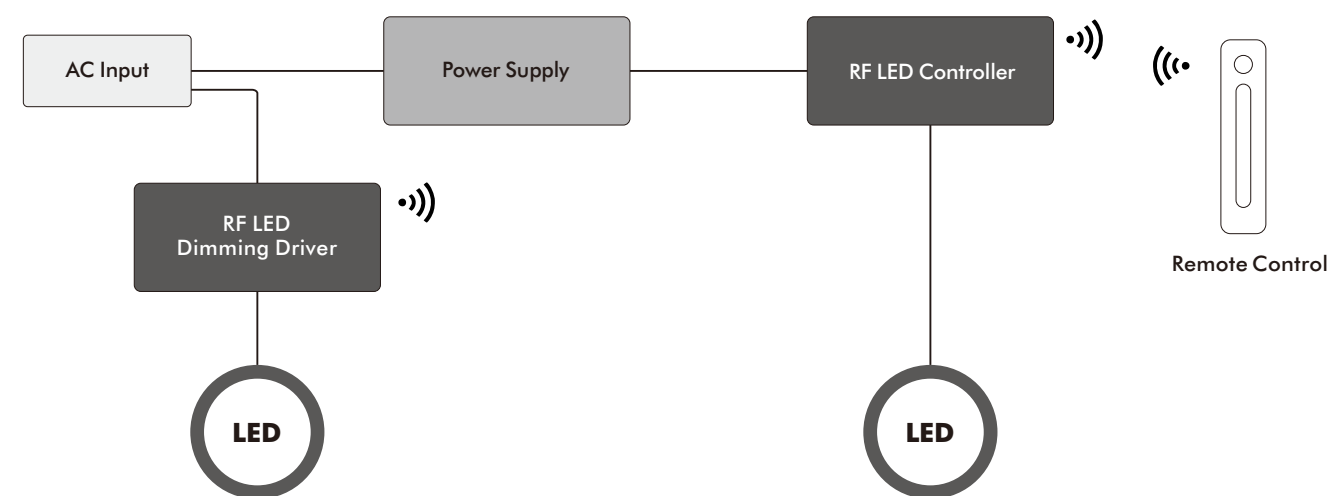


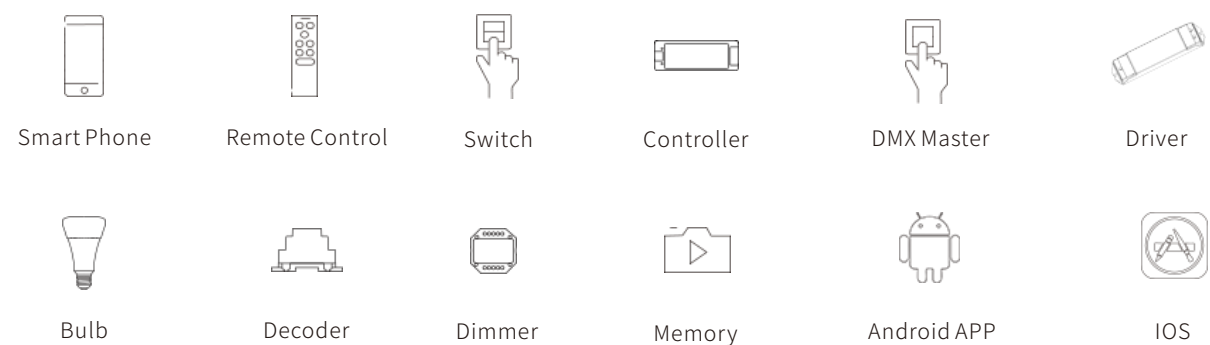
RF/ WI-FI SYSTEM

RF/ WI-FI SYSTEM

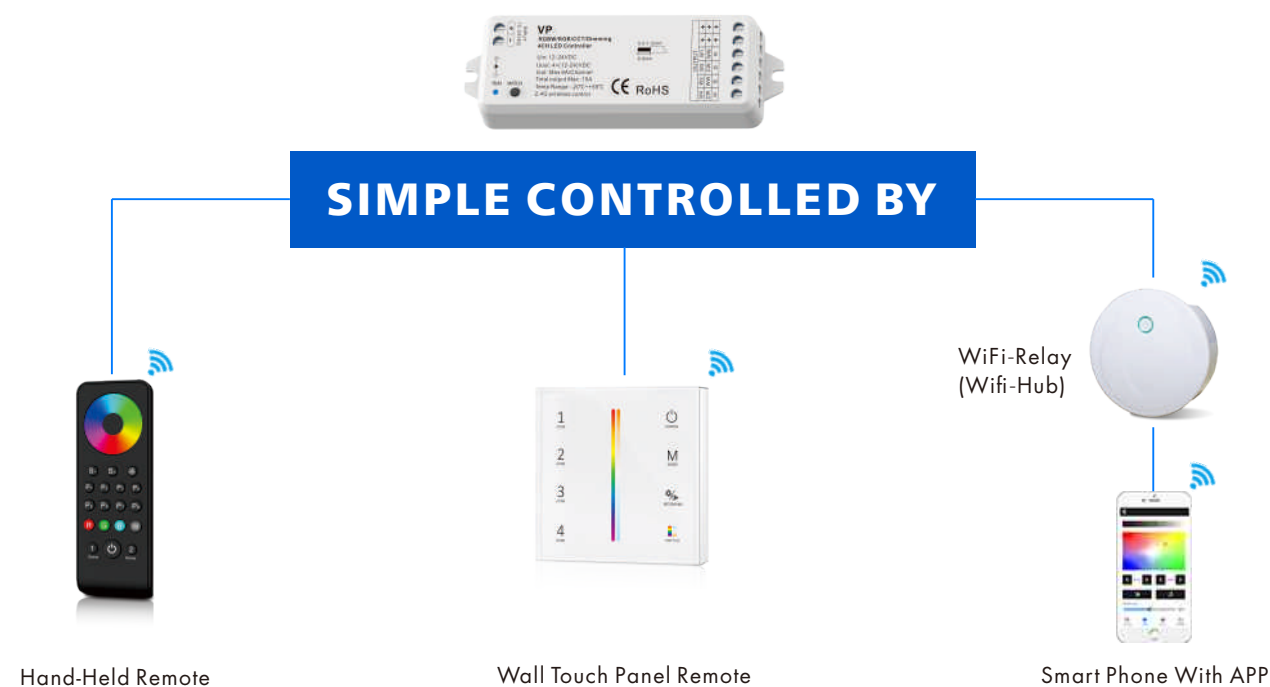


RF Wireless /WiFi System

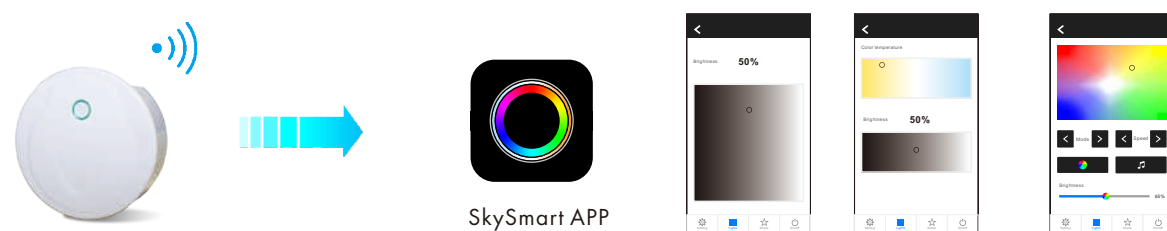
Skydance perfect RF system is the smart home lighting solution and wireless LED controller system including the handheld RF remote, wall mounted PWM controller & RF remote, 1-5 channel PWM constant voltage or constant current receiver, RF dimmable LED driver and smart lamp to control single color, dual color, RGB, RGBW, RGB+CCT LED lighting to create static colors or dynamic color changing modes.



The RF system is a perfect wireless home automation system which enables to control multi zones by one remote with endless receivers in each zone and achieve perfect synchronization. Each receiver can be controlled by 10 remotes. The control range is up to 30m.



The receivers can be WiFi controlled via APP installed on IOS or Android device while working with a WiFi-Relay controller, achieve static color adjust, dynamic mode play, scene memory and timing run function.



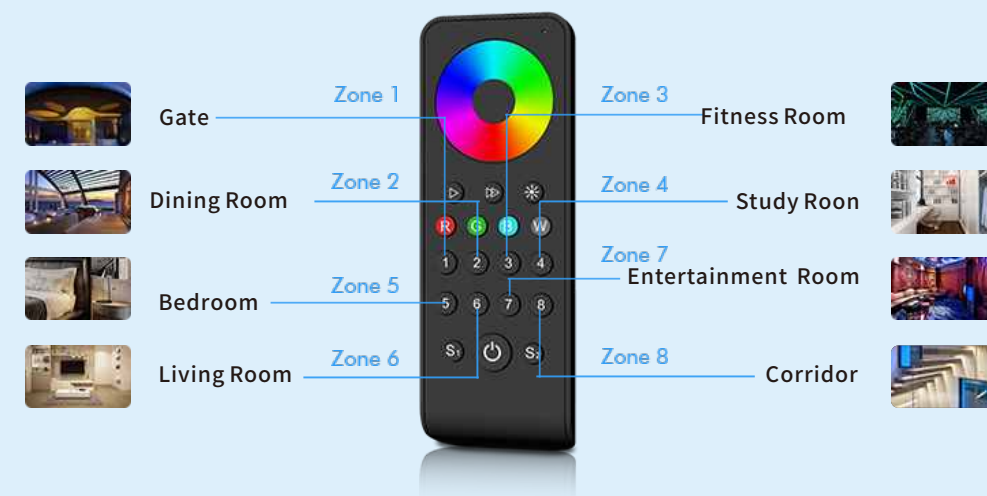
CONNECT VARIOUS RF SYSTEMS

Our WIFI-Relay(Wi-Fi Hub) allows you to connect with a wide variety of RF systems, including led controllers, LED dimmable drivers, DMX Mastersmart lights, 0-10V and Triac dimmers.



WIRELESS GROUP CONTRPL IN MULTIPLE ZONES

Multiple LED lights with LED controller can be group controlled by one remote at the same time. press one single zone button to select one or multiple lights in one room. Remotes can have 1-8 zone buttons depending on the series. Even more, you can select up to 16 different zones in the SkySmart App on your phone through Wifi-Relay converter.



DIM - RF LED Controller



RF LED Controller

Skydance constant voltage dimming LED controller series includes RF controller, panel controller, sensor dimmer and Triac dimmer. With DC12 / 24 / 36 / 48V constant voltage led power supply, I / 4-way PWM constant voltage output, output connected to low-voltage LED light strip, using RF remote control, push switch, touch button, knob, digital tube key, triac ect dimming ways. It can achieve 256 levels of 0-100% smooth and accurate dimming.

Feature

- RF wireless dimming
- 256 level 0-100% smooth and accurate dimming
- PWM Constant voltage output
- Multiple protection

Constant Voltage RF LED Controller



Model	Input Voltage	Output Current	Output Power	Size
V1	5-36VDC	≤8A	5V<40W ,12V<96W , 24V<192W, 36V<288W	L97*W33*H18mm
V1-M	12-24VDC	≤5A	12V<60W ,24V<120W	L64*W23.5*H8.5mm
V1-M(D)	12-24VDC	≤5A	12V<60W ,24V<120W	L64*W23.5*H8.5mm
V1-L	12-48VDC	≤15A	12V<180W ,24V<360W,36V<360W,48V<480W	L175*W45*H27mm
V1-L/P	12-48VDC	≤15A@12/24V,≤10A@36/48V	12V<180W ,24V<360W	L175*W45*H27mm
V1-H	12-48VDC	≤8A@12/24V, ≤4 A@36/48V	12V<96W ,24V<192W ,36V<144W,48V<192W	L52*W52*H26mm
V1-H/P	12-48VDC	≤8A@12/24V, ≤4 A@36/48V	12V<96W ,24V<192W ,36V<144W,48V<192W	L52*W52*H26mm
V1-T	12-24VDC	≤20A	12V<240W ,24V<480W	L107*W75*H24.5mm
V1-K	12-24VDC	≤20A	12V<240W ,24V<480W	L107*W75*H38mm
V3	12-24VDC	3CH, ≤4A/CH	12V<144W ,24V<288W	L97*W33*H18mm
VP	12-24VDC	4CH, ≤4A/CH	12V<192W ,24V<384W	L114*W38*H20mm
V4	12-36VDC	4CH, ≤5A/CH	12V<240W, 24V<480W, 36V<720W	L175*W45*H27mm
V4-L	12-24VDC	4CH, ≤5A/CH	12V<240W ,24V<480W	L170*W50*H23mm
V4-D	12-24VDC	4CH, ≤5A/CH	12V<240W ,24V<480W	L115*W48*H67mm
V1-KF	12-24VDC	4CH, ≤4A/CH	12V<192W ,24V<384W	L187*W46*H35.5mm



DIM - Panel Control

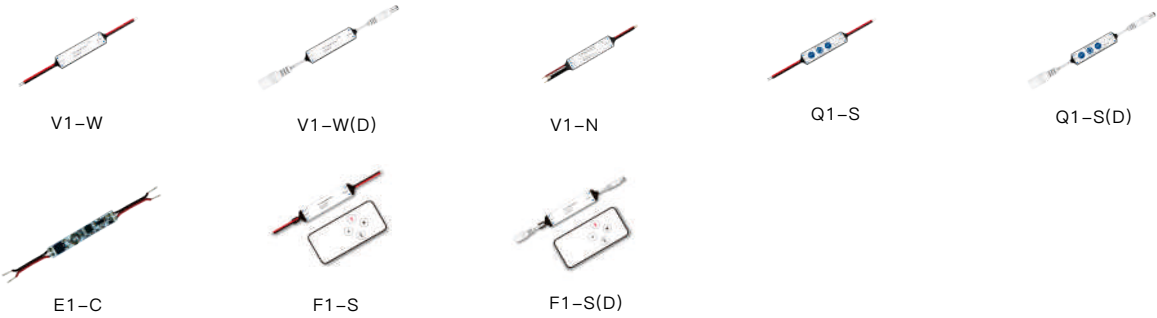
Features

- It can be used as dimming controller or remote control
- Dimming mode: touch / knob panel, RF remote control
- PWM frequency: 500Hz
- Dimming curve: logarithmic (gamma 1.6)
- White / black panel available



Model	Input Voltage	Output Current	Output Power	Size
T1	12-24VDC	4CH, ≤3A/CH	12V<144W, 24V<288W	L86*W86*H33mm
T1-1	12-24VDC	4CH, ≤3A/CH	12V<144W, 24V<288W	L86*W86*H33mm
T1-K	12-24VDC	4CH, ≤3A/CH	12V<144W, 24V<288W	L86*W86*H50mm
T1(IT)	12-24VDC	4CH, ≤3A/CH	12V<144W, 24V<288W	L86*W86*H33mm

Mini Controller



Model	Input Voltage	Output Current	Output Power	Size
V1-W	12-24VDC	≤3A	12V<36W, 24V<72W	L60*W14*H5.8mm
V1-W(D)	12-24VDC	≤3A	12V<36W, 24V<72W	L60*W14*H5.8mm
V1-N	12-24VDC	≤3A	12V<36W, 24V<72W	L60*W14*H5.8mm
Q1-S	12-24VDC	≤4A	12V<48W ,24V<96W	L60*W14*H5.8mm
Q1-S(D)	12-24VDC	≤4A	12V<48W ,24V<96W	L60*W14*H5.8mm
E1-C	12-24VDC	≤3A	12V<36W, 24V<72W	L50*W7.8*H10mm
F1-S	12-24VDC	≤4A	12V<48W ,24V<96W	L60*W14*H5.8mm(controller)/L100*W47*H8mm(Remote)
F1-S(D)	12-24VDC	≤4A	12V<48W ,24V<96W	L60*W14*H5.8mm(controller)/L100*W47*H8mm(Remote)

DIM - RF Remote control



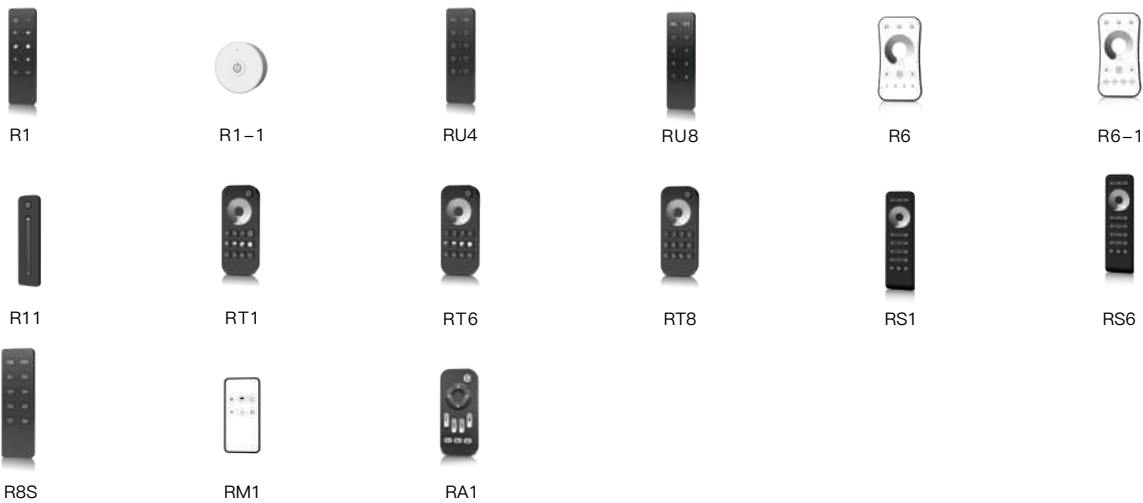
RF Remote Control

Skydance dimming remote control series include handy and wall panel remote controls, which are divided into single zone, 2 zone, 4 zone and 8 zone, with AAA battery/button battery, AC 100-240V, DC 12-24V power supply ways. It adopts wireless 2.4G signal transmission technology, can be used for single color LED lights to realize the functions of turn on/off, brightness adjustment, group partition and scene application. The remote control distance is 30 meters.

Feature

- Adopt RF wireless 2.4G signal transmission technology.
- 30 meters remote control distance
- Single zone or multi zone control.
- Scene storage function

RF Hand-held Remote Control



Model	Zone	Working Voltage	Working Current	Standby Current	Standby Time	Size
R1	1 Zone DIM	CR2023 Button Battery	<5mA	<2uA	2 Year	L135*W40*H11mm
R1-1	1 Zone DIM	CR2023 Button Battery	<5mA	<2uA	2 Year	Φ43xH17mm
RU4	4 Zone DIM	CR2023 Button Battery	<5mA	<2uA	2 Year	L135*W40*H11mm
RU8	8 Zone DIM	CR2023 Button Battery	<5mA	<2uA	2 Year	L135*W40*H11mm
R6	4 Zone DIM	CR2023 Button Battery	<5mA	<10uA	1 Year	L107*W58.5*H9mm
R6-1	1 Zone DIM	CR2023 Button Battery	<5mA	<10uA	1 Year	L107*W58.5*H9mm
R11	1 Zone DIM	CR2023 Button Battery	<5mA	<10uA	1 Year	L139*W36*H11mm
RT1	1 Zone DIM	AAAx2	<5mA	<10uA	1 Year	L122*W53*H17.5mm
RT6	4 Zone DIM	AAAx2	<5mA	<10uA	1 Year	L122*W53*H17.5mm
RT8	8 Zone DIM	AAAx2	<5mA	<10uA	1 Year	L122*W53*H17.5mm
RS1	4 Zone DIM	AAAx2	<5mA	<10uA	1Year	L155*W43*H17.5mm
RS6	4 Channel DIM	AAAx2	<5mA	<10uA	1 Year	L155*W43*H17.5mm
R8S	8 Scenes (Universal)	CR2023 Button Battery	<5mA	<2uA	2Year	L135*W40*H11mm
RM1	1 Zone DIM	CR2023 Button Battery	<5mA	<2uA	2 Year	L100*W47*H8mm
RA1	4 Zone DIM	AAAx2	<5mA	<2uA	2 Year	L115*W53*H17.5mm

DIM - RF Panel Remote Controller



RF Panel Remote Control

Battery Powered Remote Control



Model	Zone	Working Voltage	Working Current	Standby Current	Standby Time	Size
T1-KB	1 Zone DIM	CR2023 Button Battery	<5mA	<10uA	1 Year	L86*W86*H49mm
RK1	1 Zone DIM	CR2023 Button Battery	<5mA	<10uA	1 Year	L91*W57*H52mm
PK1	1 Zone DIM	CR2023 Button Battery	<5mA	<10uA	1 Year	L86*W86*H23mm
PK1 (G)	1 Zone DIM	CR2023 Button Battery	<5mA	<10uA	1 Year	L86*W86*H24.5mm
PF1	1 Zone DIM	CR2023 Button Battery	<5mA	<2uA	2 Year	L86*W86*H14mm
PF1 (G)	1 Zone DIM	CR2023 Button Battery	<5mA	<2uA	2 Year	L86*W86*H15mm
PF1-2	2 Zone DIM	CR2023 Button Battery	<5mA	<2uA	2 Year	L86*W86*H14mm
PF1-2 (G)	2 Zone DIM	CR2023 Button Battery	<5mA	<2uA	2 Year	L86*W86*H15mm
T20-1	1 Zone DIM	AAAx2	<5mA	<20uA	1 Year	L86*W86*H20.5mm
T20-2	2 Zone DIM	AAAx2	<5mA	<20uA	1 Year	L86*W86*H20.5mm
T20-3	3 Zone DIM	AAAx2	<5mA	<20uA	1 Year	L86*W86*H20.5mm
T20	4 Zone DIM	AAAx2	<5mA	<20uA	1 Year	L86*W86*H20.5mm
T21	4 Zone DIM	AAAx2	<5mA	<20uA	1 Year	L86*W86*H20.5mm
T21-1	4 Zone DIM	AAAx2	<5mA	<20uA	1 Year	L86*W86*H20.5mm

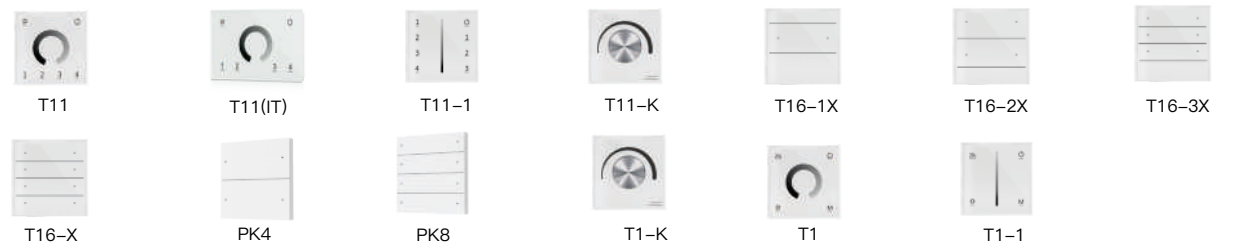


SKYDANCE

DIM - RF Remote control



AC / DC Input Panel Remote Control



Model	Zone	Input Voltage	Standby Current	Size
T11	4 Zone DIM	100-240VAC	<1W	L86*W86*H33mm
T11(IT)	4 Zone DIM	100-240VAC	<1W	L120*W80*H37mm
T11-1	4 Zone DIM	100-240VAC	<1W	L86*W86*H33mm
T11-K	1 Zone DIM	100-240VAC	<1W	L86*W86*H49mm
T16-1X	1 Zone(Universal)	100-240VAC	<1W	L86*W86*H33mm
T16-2X	4 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H33mm
T16-3X	6 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H33mm
T16-X	8 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H33mm
PK4	4 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H35.5mm
PK8	8 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H35.5mm
T1-K	1 Zone DIM	12-24VDC	<1W	L86*W86*H49mm
T1	1 Zone DIM	12-24VDC	<1W	L86*W86*H33mm
T1-1	1 Zone DIM	12-24VDC	<1W	L86*W86*H33mm



■ Lighting Control Working Principle

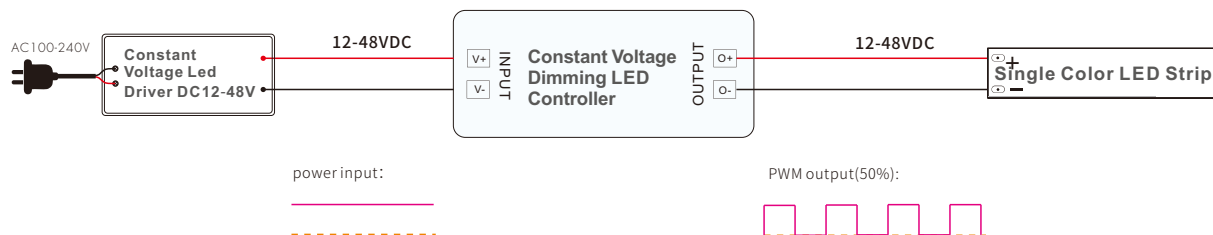


PWM dimming is used for dimming low-voltage LED strips, that is, a fast constant voltage switching with Hundreds and thousands of frequency to change the brightness output by adjusting the ratio of on and off time.

For example, with a frequency of 500 Hz and a brightness output of 25%, the switch is 500 times per second, and each switch takes 2 milliseconds, of which the on time is 0.5 milliseconds and the off time is 1.5 milliseconds.

The brightness value data is obtained through RF remote control, knob or touch button, AC self-reset switch, etc mode.

It is recommended that the total power of the low-voltage LED strip is less than 80% of the power of the constant voltage power supply.



PWM Frequency Selection:

If the PWM frequency is greater than 200Hz, the human eye will not see the light flicker.

The higher of the PWM frequency, the smaller of the flicker when shooting with the camera, but the noise of the switching power supply will be higher, and the higher of controller heating, the output current needs to be reduced.

Pls choose 250Hz PWM frequency when low noise of switching power supply is required.

Pls choose 2000Hz PWM frequency in the occasions that require a good camera shooting effect;

Pls choose 8000Hz PWM frequency when require is higher such as a studio,

Generally, 500 or 750Hz PWM frequency is used.

Dimming curve selection:

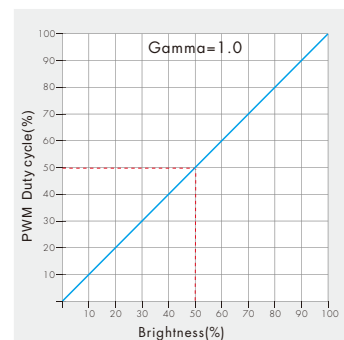
The dimming curve is divided into linear dimming and logarithmic dimming.

Linear dimming: The brightness is proportional to the PWM switch output, that is, when the brightness is 50%, the turn-on and turn-off time are each half, and the Gamma curve value is 1.0.

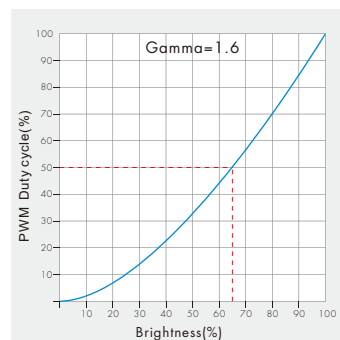
Logarithmic dimming The relationship between brightness and PWM switch output is a logarithmic curve, and the ratio of turn-on time is calculated according to the formula, and the Gamma curve value is 0.1-9.9.

The brightness characteristics of LED lap beads are not linear. If dimming is performed in a linear manner, when dimming in the range of 0-100%, Visually, the brightness change is uneven, the low-brightness area changes greatly, and the high-brightness area changes little.

Therefore, a logarithmic curve is often used to ensure uniform brightness changes.



Linear Dimming Curve



Logarithmic Dimming Curve

Constant Voltage Dimming Controller + Remote Control

Function

- 4096 level 0-100% smooth dimming, no flicker.
- Use with RF 2.4G single-zone or multi-zone dimming remote control.
- One RF controller can be paired with up to 10 remote controls.
- Automatic transmission: The controller automatically sends the remote signal to another controller doubles the remote control distance.
- Synchronization: One remote control synchronously controls multiple controllers.
- Connect a push switch to realize turn on/off and 0-100% dimming.
- Overheat/overload/short circuit protection, automatic recovery.



Mechanical Structures and Installations

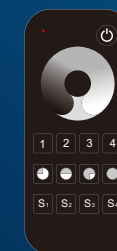


Technical Parameters

4-zone Dimming LED Remote Control	
Output signal	RF(2.4GHz)
Working voltage	3VDC(AAAx2)
Working current	<5mA
Stand-by current	<10μA
Stand-by time	1 year
Remote distance	30m (Barrier-Free)

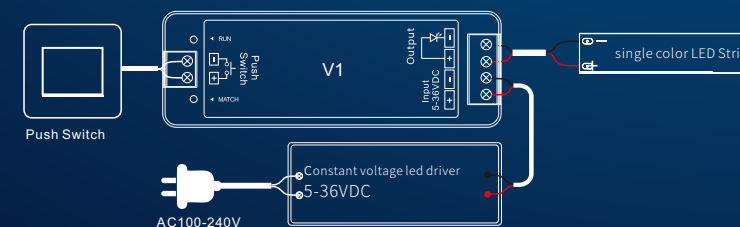
1 Channel LED controller	
Input voltage	5-36VDC
Input current	8.5A
Output voltage	5-36VDC
Output current	1CH,8A
Output power	40W/96W/192W/288W (5V/12V/24V/36V)
Output type	constant voltage

Remote Control Key Function



- ⏻ : Turn on/off the lights
- 🌀 : Touch to adjust brightness.
- 1 2 3 4 : Short press to select and turn on the zone lights, long press for 2 seconds to turn off the zone lights. Press multiple partition keys in quick succession to select multiple partitions at the same time. : The current zone has 25%, 50%, 75%, 100% brightness.
- S1 S2 S3 S4 : Short press to bring up the scene, Long press for 2 seconds to save the current brightness to S1/S2/S3/S4, The LED indicator for saving is green. 4 partitions can be recalled or saved at the same time.

Wiring Diagram



DIM - Constant Voltage Dimmable LED Driver

High Efficiency

High PH Value

Low Harmonic

RF 2.4G Wireless control, push dim control

• 150W-24V

• 1/3/4 Channel, Single color/
CCT/RGB/RGBW





PB-12-12
12W 12V (CV)



PB-40-12
40W 12V (CV)



PB-40-24
40W 24V (CV)



PB-40-12-3
40W 12V (CV)(3CH)



PB-40-24-3
40W 24V (CV)(3CH)



PB-75-12
75W 12V (CV)



PB-75-24
75W 24V (CV)



PB-75-12-4
75W 12V (CV)(4CH)



PB-75-24-4
75W 24V (CV)(4CH)



PS-75-12
75W 12V (CV)



PS-75-24
75W 24V (CV)



PH-75-12
75W 12V



PH-75-12-2
75W 12V



PH-75-12-3
75W 12V



PH-75-12-4
75W 12V



PH-75-24
75W 24V



PH-75-24-2
75W 24V



PH-75-24-3
75W 24V



PH-75-24-4
75W 24V



PH-150-12
150W 12V (CV)



PH-150-24
150W 24V (CV)



PH-150-12-4
150W 12V (CV)(4CH)



PH-150-24-4
150W 24V (CV)(4CH)



LP-150-12
150W 12V (CV)



LP-150-24
150W 24V (CV)

Model	Output	Output Voltage	Input	Power Factor	THD	Efficiency	Size
PB-12-12	12W/12V/1A	12VDC	100-240VAC	/	/	>80%	138x32x24mm
PB-40-12	12W/12V/3.3A	12VDC	100-240VAC	/	/	>81%	168x44x30mm
PB-40-24	12W/24V/1.65A	24VDC	100-240VAC	/	/	>86%	168x44x30mm

Model	Output	Output Voltage	Input	Power Factor	THD	Efficiency	Size
PB-40-12-3	40W/12V/1.1A x 3CH	12VDC	100-240VAC	/	/	>81%	168x44x30mm
PB-40-24-3	40W/24V/0.56A x 3CH	24VDC	100-240VAC	/	/	>86%	168x44x30mm
PB-75-12	75W/12V/6.24A x 1CH	12VDC	200-240VAC	/	/	>82%	179x56x30mm
PB-75-24	75W/24V/3.12A x 1CH	24VDC	200-240VAC	/	/	>87%	179x56x30mm
PB-75-12-4	75W/12V/1.56A x 4CH	12VDC	200-240VAC	/	/	>82%	179x56x30mm
PB-75-24-4	75W/24V/0.78A x 4CH	24VDC	200-240VAC	/	/	>87%	244x68x36mm
PS-75-12	75W/12V/6.25A x 1CH	12VDC	100-240VAC	>0.99/110VAC >0.93/230VAC	<10%/110VAC <15%/230VAC	>86%	388x31x22.5mm
PS-75-24	75W/24V/3.125A x 1CH	24VDC	100-240VAC	>0.99/110VAC >0.93/230VAC	<10%/110VAC <15%/230VAC	>88%	388x31x22.5mm
PH-75-12	75W/12V/6.25A	12VDC	100-240VAC	>0.99/110VAC >0.95/230VAC	≤8%/110VAC ≤10%/230VAC	>88%	166x58x32mm
PH-75-12-2	75W/12V/3.125A/2CH	12VDC	100-240VAC	>0.99/110VAC >0.95/230VAC	≤8%/110VAC ≤10%/230VAC	>88%	166x58x32mm
PH-75-12-3	75W/12V/2.08A/3CH	12VDC	100-240VAC	>0.99/110VAC >0.95/230VAC	≤8%/110VAC ≤10%/230VAC	>88%	166x58x32mm
PH-75-12-4	75W/12V/1.56A/4CH	12VDC	100-240VAC	>0.99/110VAC >0.95/230VAC	≤8%/110VAC ≤10%/230VAC	>88%	166x58x32mm
PH-75-24	75W/24V/3.125A	24VDC	100-240VAC	>0.99/110VAC >0.95/230VAC	≤8%/110VAC ≤10%/230VAC	>90%	166x58x32mm
PH-75-2-2	75W/24V/1.56A/2CH	24VDC	100-240VAC	>0.99/110VAC >0.95/230VAC	≤8%/110VAC ≤10%/230VAC	>90%	166x58x32mm
PH-75-24-3	75W/24V/1.04A/3CH	24VDC	100-240VAC	>0.99/110VAC >0.95/230VAC	≤8%/110VAC ≤10%/230VAC	>90%	166x58x32mm
PH-75-24-4	75W/24V/0.78A/4CH	24VDC	100-240VAC	>0.99/110VAC >0.95/230VAC	≤8%/110VAC ≤10%/230VAC	>90%	166x58x32mm
PH-150-12	150W/12V/12.48A x 1CH	12VDC	100-240VAC	>0.95/230VAC	<5%/100VAC <10%/230VAC	>92%	280x67x36mm
PH-150-24	150W/24V/6.24A x 1CH	24VDC	100-240VAC	>0.95/230VAC	<5%/100VAC <10%/230VAC	>92%	280x67x36mm
PH-150-12-4	150W/12V/3.12A x 4CH	12VDC	100-240VAC	>0.95/230VAC	<5%/100VAC <10%/230VAC	>92%	280x67x36mm
PH-150-24-4	150W/24V/1.56A x 4CH	24VDC	100-240VAC	>0.95/230VAC	<5%/100VAC <10%/230VAC	>92%	280x67x36mm
LP-150-12	150W/12V/12.5A	12VDC	100-270VAC	>0.98/230VAC	<5%/100VAC <10%/230VAC	>92%	310x45x30mm
LP-150-24	150W/24V/6.25A	24VDC	100-270VAC	>0.98/230VAC	<5%/100VAC <10%/230VAC	>92%	310x45x30mm



■ DIM - Constant Current Dimmable LED Driver

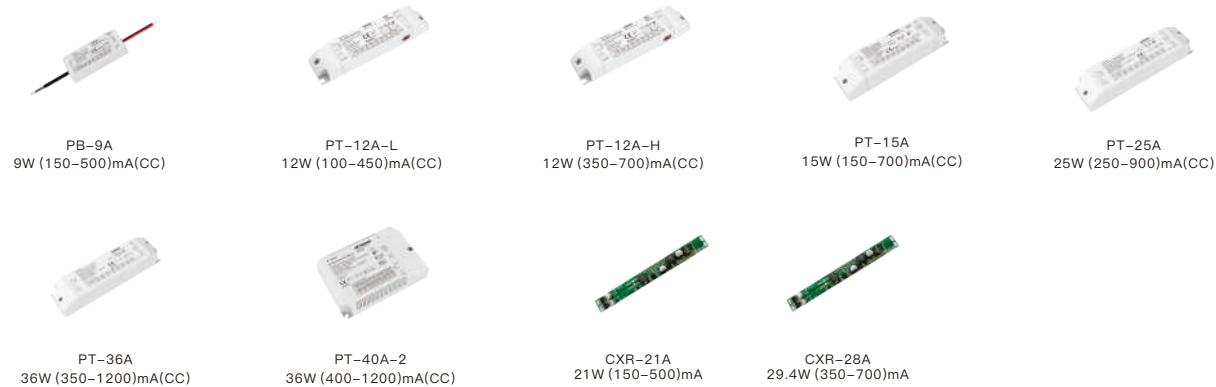
RF CONSTANT CURRENT LED DRIVER

8 steps current adjust via DIP switch/
Wireless/AC Push-Dim RF Wireless, AC Push-Dim

Match with Skydance's 2.4G single color remote control

Universal AC input / Full range.
1 channel CC output, configurable current via DIP switch.
Built-in active PFC function: 0.95 Typ.
Auto-transmitting and synchronize on multiple number of LED drivers.
Over-heat / Over load / Short circuit protection, recover automatically.

Full protective plastic case.
Suitable for indoor LED lighting application.
5 Year, 50,000hr warranty.



Model	Output	Output Voltage	Input	Power Factor	THD	Efficiency	Size(mm)
PB-9A	9W-150mA/200mA/250mA/300mA/350mA/400mA/450mA/500mA	9-36VDC	100-240VAC	/	/	>75%	91x37.5x23
PT-12A-L	12W-100mA/150mA/200mA/250mA/300mA/350mA/400mA/450mA	9-42VDC	100-240VAC	>0.99/115VAC >0.98/230VAC	<6%/230VAC	>78%	138x32x24
PT-12A-H	12W-350mA/400mA/450mA/500mA/550mA/600mA/650mA/700mA	3-24VDC	100-240VAC	>0.99/115VAC >0.95/230VAC	<6%/230VAC	>78%	138x32x24
PT-15A	15W-150mA/200mA/350mA/400mA/450mA/500mA/650mA/700mA	10-45VDC	100-240VAC	>0.98/115VAC >0.93/230VAC	<10%/230VAC	>80%	168x44x30
PT-25A	25W-250mA/300mA/350mA/400mA/500mA/600mA/700mA/900mA	10-52VDC	100-240VAC	>0.99/115VAC >0.95/230VAC	<8%/230VAC	>80%	168.5x44x30
PT-36A	36W-350mA/500mA/600mA/700mA/800mA/900mA/1050mA/1200mA	10-52VDC	100-240VAC	>0.99/115VAC >0.95/230VAC	<8%/230VAC	>82%	168x44x30
PT-40A-2	40W-450mA/500mA/550mA/600mA/650mA/700mA/750mA/800mA/850mA/900mA/950mA/1000mA/1050mA/1100mA/1150mA/1200mA	10-52VDC	100-240VAC	>0.99/110VAC >0.98/230VAC	<6%/230VAC	>85%	168x44x30
CXR-21A	1.5-21W-150mA/200mA/250mA/300mA/350mA/400mA/450mA/500mA	10-42VDC	/	/	/	>93%	125x13.5x10.8
CXR-28A	3.5-29.4W-350mA/400mA/450mA/500mA/550mA/600mA/650mA/700mA	10-42VDC	/	/	/	>93%	133x88x30

■ CCT Series - RF Controller

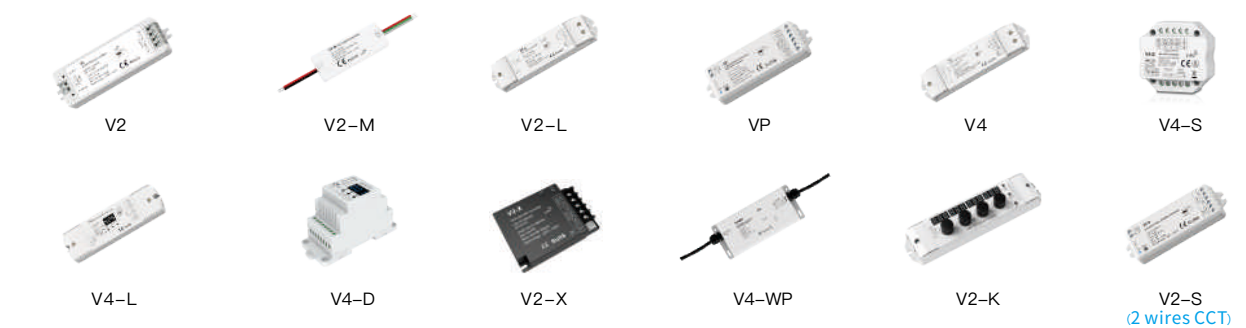


RF Controller

Skydance color temperature constant voltage LED controller series include RF controller, panel controller and mini controller, DC12 / 24 / 36 / 48V constant voltage power supply, 2 / 4 way PWM constant voltage output and connect low voltage dual color LED (WW + CW) light strip, adopt RF remote control, push dim switch, touch button, knob, digital tube key and other dimming modes, match with remote control, panel controller and WiFi Relay ect to form the lighting control system, to achieve 256 levels of 0 ~ 100% smooth and precise dimming and color temperature adjustment.

Feature

- RF wireless dim or CCT adjust
- PWM constant voltage output
- 256 level 0-100% smooth and accurate dimming
- Multiple protection



Model	Input Voltage	Output Current	Output Power	Size
V2	12-24VDC	2CH, ≤5A/CH	12V<120W, 24V<240W	L97*W33*H18mm
V2-M	12-24VDC	2CH, ≤2.5A/CH	12V<60W, 24V<120W	L64*W23.5*H8.5mm
V2-L	12-36VDC	2CH, ≤8A/CH	12V<192W, 24V<384W, 36V<576W	L170*W50*H23mm
VP	12-24VDC	4CH, ≤4A/CH	12V<192W, 24V<384W	L114*W38*H20mm
V4	12-36VDC	4CH, ≤5A/CH	12V<240W, 24V<480W, 36V<720W	L175*W45*H27mm
V4-S	12-24VDC	4CH, ≤3A/CH	12V<144W, 24V<288W	L52*W52*H26mm
V4-L	12-24VDC	4CH, ≤5A/CH	12V<240W, 24V<480W	L170*W50*H23mm
V4-D	12-24VDC	4CH, ≤5A/CH	12V<240W, 24V<480W	L115*W48*H67mm
V2-X	12-36VDC	2CH, ≤15A/CH	12V<360W, 24V<720W, 36V<1080W	L110*W74.5*H24.5mm
V4-WP	12-36VDC	4CH, ≤5A/CH	12V<240W, 24V<480W, 36V<720W	L176*W78*H38mm
V2-K	12-24VDC	4CH, ≤4A/CH	12V<192W, 24V<384W	L187*W46*H35.5mm
V2-S	12-24VDC	≤5A	12V<60W, 24V<120W	L107*W75*H24.5mm

RF Panel Controller



Model	Input Voltage	Output Current	Output Power	Size
T2	12-24VDC	4CH, ≤3A/CH	12V<144W, 24V<288W	L86*W86*H33mm
T2-1	12-24VDC	4CH, ≤3A/CH	12V<144W, 24V<288W	L86*W86*H33mm
T2-K	12-24VDC	2CH, ≤5A/CH	12V<144W, 24V<288W	L86*W86*H50mm

CCT - Mini Controller



Mini controller



Model	Input Voltage	Output Vurrent	Output Power	Size
V2-W	12-24VDC	2CH, ≤1.5A/CH	12V<36W, 24V<72W	L60*W14*H5.8mm
Q2-S	12-24VDC	2CH, ≤2A/CH	12V<48W ,24V<96W	L60*W14*H5.8mm

CCT - RF Remote control

Skydance color temperature remote control series include hand-held and panel type remote controls, which are divided into single zone and 4-zone, with power supply modes of AAA battery, button battery, AC 100-240V, DC 12-24v, for LED lights of color temperature (WW + CW) type, wireless 2.4G signal transmission technology is adopted, remote control distance is 30 meters, to realize turn on/off, color temperature adjustment, brightness adjustment, grouping and zoning, scene application function.

RF Hand-held Remote Control



Model	Zone	Working Voltage	Working Current	Standby Current	Standby Time	Size
R2	1 Zone CCT	CR2023 Button Battery	<5mA	<2uA	2Year	L135*W40*H11mm
R7	4 Zone CCT	CR2023 Button Battery	<5mA	<10uA	1Year	L107*W58.5*H9mm
R7-1	1 Zone CCT	CR2023 Button Battery	<5mA	<10uA	1Year	L107*W58.5*H9mm
R12	1 Zone CCT	CR2023 Button Battery	<5mA	<10uA	1Year	L139*W36*H11mm
RT2	1 Zone CCT	AAAx2	<5mA	<10uA	1Year	L122*W53*H17.5mm
RT7	4 Zone CCT	AAAx2	<5mA	<10uA	1Year	L122*W53*H17.5mm
RS2	4 Zone CCT	AAAx2	<5mA	<10uA	1Year	L155*W43*H17.5mm
RM2	1 Zone CCT	Cr2023 Button Battery	<5mA	<2uA	2Year	L100*W47*H8mm
RA2	4 Zone CCT	AAAx2	<5mA	<2uA	2Year	L115*W53*H17.5mm
R8S	8 Scenes (Universal)	CR2023 Button Battery	<5mA	<2uA	1Year	L135*W40*H11mm

CCT - RF Panel Remote Control



RF Panel Remote Control



Battery Powered Panel Remote Control

Model	Zone	Working Voltage	Working Current	Standby Current	Standby Time	Size
T2-KB	1 Zone CCT	CR2023 Button Battery	<5mA	<10uA	1Year	L86*W86*H49mm
RK2	1 Zone CCT	CR2023 Button Battery	<5mA	<10uA	1Year	L91*W57*H52mm
PK2	1 Zone CCT	CR2023 Button Battery	<5mA	<10uA	1Year	L86*W86*H23mm
PK2(G)	1 Zone CCT	CR2023 Button Battery	<5mA	<10uA	1Year	L86*W86*H24.5mm
PF2	1 Zone CCT	CR2023 Button Battery	<5mA	<2uA	2Year	L86*W86*H14mm
PF2(G)	1 Zone CCT	CR2023 Button Battery	<5mA	<2uA	2Year	L86*W86*H15mm
T22	4 Zone CCT	AAAx2	<5mA	<20uA	1Year	L86*W86*H20.5mm

AC / DC Input Panel Remote Control

Model	Zone	Input Voltage	Standby Current	Size(mm)
T12	4 Zone CCT	100-240VAC	<1W	L86*W86*H33mm
T12(IT)	4 Zone CCT	100-240VAC	<1W	L120*W80*H37mm
T12-1	4 Zone CCT	100-240VAC	<1W	L86*W86*H33mm
T12-K	1 Zone CCT	100-240VAC	<1W	L86*W86*H49mm
T16-1X	1 Zone(Universal)	100-240VAC	<1W	L86*W86*H33mm
T16-2X	4 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H33mm
T16-3X	6 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H33mm
T16-X	8 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H33mm
PK4	4 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H35.5mm
PK8	8 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H35.5mm
T2-K	1 Zone CCT	12-24VDC	<1W	L86*W86*H49mm
T2	1 Zone CCT	12-24VDC	<1W	L86*W86*H33mm
T2-1	1 Zone CCT	12-24VDC	<1W	L86*W86*H33mm

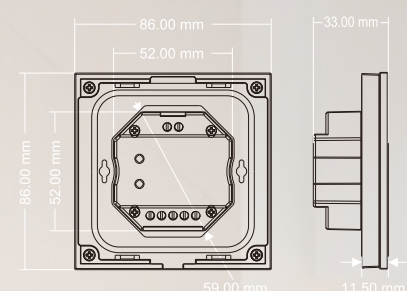
CCT Glass Touch Panel Controller

Function

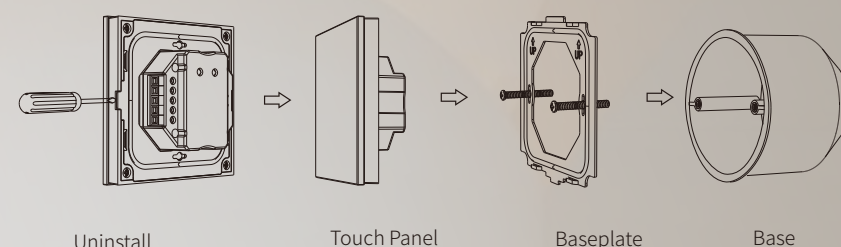
- Touch panel single color, dual color, RGB or RGBW PWM constant voltage controller.
- Ultra sensitive high strength glass touch panel with touch color wheel in the middle .
- Compatibility with RF 2.4G single zone or multiple zone remote control.
- Touch keys with LED indicator.
- White & Black glass panel available.



Mechanical structure and installation



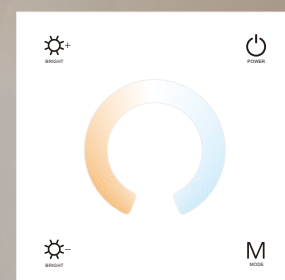
Instructions:



Technical Parameters

Input Voltage	12-24VDC
Input Current	12.5A
Input Current	4 x (12-24)VDC
Output Current	4CH,3A/CH
Output Power	144-288W
Output Type	Constant Voltage
Light Type	CCT

Key Function



- Power — Turn on/off light
- Brightness + — Brightness +, 10 levels
- Brightness - — Brightness -, 10 levels
- Color temperature wheel. — Color temperature wheel.
- M — Dynamic mode, 6 level speed.

CCT Series - Dimmable LED Driver



RF CCT - Constant Voltage Dimmable LED Driver

1. AC 100-240V input, DC 12 / 24 V output, 2 / 4 way PWM constant voltage output, 1 / 2 group color temperature output.
2. The output power is 40-150w.
3. Dimming mode: wireless 2.4G, AC push dim (self reset switch).
4. It has the same control function as SKYDANCE constant voltage color temperature controller.
5. Over temperature / overload / short circuit protection, automatic recovery.
6. 5 years warranty, 50000 hours warranty.

PB-40-12-3 40W 12V(CV)(3CH)	PB-40-24-3 40W 24V(CV)(3CH)	PB-75-12-4 75W 12V(CV)(4CH)	PB-75-24-4 75W 24V(CV)(4CH)	PH-150-12-4 150W 12V(CV)(4CH)	PH-150-24-4 150W 24V(CV)(4CH)

Model	Output	Output Voltage	Input	Power Factor	THD	Efficiency	Size
PB-40-12-3	40W/12V/1.1A x 3CH	12VDC	100-240VAC	/	/	>81%	168x44x30mm
PB-40-24-3	40W/24V/0.56A x 3CH	24VDC	100-240VAC	/	/	>86%	168x44x30mm
PB-75-12-4	75W/12V/1.56A x 4CH	12VDC	200-240VAC	/	/	>82%	179x56x30mm
PB-75-24-4	75W/24V/0.78A x 4CH	24VDC	200-240VAC	/	/	>87%	244x68x36mm
PH-150-12-4	150W/12V/3.12A x 4CH	12VDC	100-240VAC	>0.95/230VAC	<5%/100VAC <10%/230VAC	>92%	280x67x36mm
PH-150-24-4	150W/24V/1.56A x 4CH	24VDC	100-240VAC	>0.95/230VAC	<5%/100VAC <10%/230VAC	>92%	280x67x36mm

RF CCT - Constant Current Dimmable LED Driver

1. AC 100-240V input, DC 3-21V output, 2 ways PWM constant current output to achieve dual color temperature output.
2. The maximum output power is 12W.
3. 600mA output, other current (< 600mA) should be customized.
4. Dimming mode: wireless 2.4G.
5. It has the same control function as SKYDANCE constant current color temperature controller.
6. Over temperature / overload / short circuit protection, automatic recovery.
7. 5 years warranty, 50000 hours warranty.

PT-12A-2 20W 58VDC	PT-20A-2 20W 58VDC

Model	Output	Output Voltage	Input	Power Factor	THD	Efficiency	Size
PT-12A-2	12W/150-500mA	10-45VDC	100-240VAC	0.97/110VAC 0.92/230VAC	<8%/230VAC	>77%	131x37x20.5mm
PT-20A-2	20W/300-1050mA	58VDC	100-240VAC	0.98/110VAC 0.95/230VAC	<10%/230VAC	>80%	151x41x30mm

RGB Constant Voltage LED Controller + Remote Control

3 channel constant voltage / touch color wheel / stepless dimming / 30m remote control distance

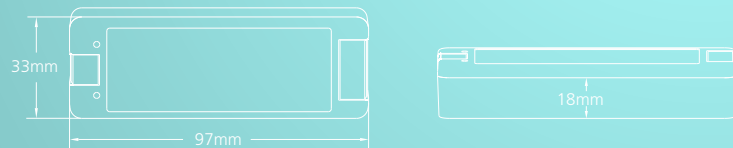


RF2.4G



Function

Mini controller, 3-channel constant voltage output.
Super sensitive color touch wheel for color selection.
Smooth dimming without flicker.
Built-in 10 kinds of dynamic modes, including jump and amplitude.
Independent dimming of R/G/B channels to realize millions of colors.
Auto-transmitting function: Controller automatically transmit signal to another controller with 30m control distance
Synchronize on multiple number of controllers.



Technical Parameters

LED Controller Input And Output

Input Voltage	12-24VDC
Input Current	12.5A
Output Voltage	3 x (12-24)VDC
Output Voltage	3CH,4A/CH
Output Power	144-288W(12-24V)
Output Type	Constant Voltage

LED Remote Input And Output

Output Signal	RF(2.4GHz)
Working Voltage	3VDC(CR2032)
Working Current	<5mA
Standby Current	<10μA
Standby Time	1 year
Remote Distance	30m

Application note

All controllers in the same area are controlled synchronously.



RF Remote Control



Automatic forwarding: The controller forwards the remote control signal to another controller, as long as there is a controller within 30 meters, the remote control distance can be extended infinitely.
Automatic synchronization: The same remote control can simultaneously control multiple controllers within 30 meters. The longest remote control distance of the controller is 30 meters, but the steel concrete walls, metal materials, strong signal sources such as WiFi routers and microwave ovens will shorten the remote control distance. For indoor applications, it is recommended to control The distance of the device should not exceed 15 meters.



RGB Series

RGB RF Controller

SKYDANCE 3-channel RGB constant voltage LED controller series include RF controller, panel controller and mini controller, DC12/24/36/48V constant voltage power supply, 3 PWM constant voltage output.The output is connected to low-voltage RGB LED strips, adopt RF remote control, self reset switch, touch button, knob, digital tube key and other dimming modes, match with remote control, panel controller and WiFi Relay ect to form the light control system, to achieve 4096-level flicker-free dimming and color adjustment.

Features

- RF Wireless dimming, CCT, or RGB
- 256 levels 0~100% smooth and precise dimming
- RF Constant voltage output
- Multiple protection



Model	Input Voltage	Output Current	Output Power	Size
V3	12~24VDC	3CH, ≤4A/CH	12V<144W, 24V<288W	L97*W33*H18mm
V3-M	12~24VDC	3CH, ≤2A/CH	12V<72W, 24V<144W	L64*W23.5*H8.5mm
V3-M(CJ)	12~24VDC	3CH, ≤2A/CH	12V<72W, 24V<144W	L64*W23.5*H8.5mm
V3-M(DJ)	12~24VDC	3CH, ≤2A/CH	12V<72W, 24V<144W	L64*W23.5*H8.5mm
V3-L	12~36VDC	3CH, ≤6A/CH	12V<216W, 24V<432W, 36V<648W	L175*W45*H27mm
V3-X	12~36VDC	3CH, ≤10A/CH	12V<360W, 24V<720W, 36V<1080W	L110*W74.5*H24.5mm
VP	12~24VDC	4CH, ≤4A/CH	12V<192W, 24V<384W	L114*W38*H20mm
V4-S	12~24VDC	4CH, ≤3A/CH	12V<144W, 24V<288W	L52*W52*H26mm
V4-L	12~24VDC	4CH, ≤5A/CH	12V<180W, 24V<360W	L170*W50*H23mm
V4-D	12~24VDC	4CH, ≤5A/CH	12V<240W, 24V<480W	L115*W48*H67mm
V4-X	12~48VDC	4CHx8A@12/24V 4CHx5A@36/48V	384W@12V, 768W@24V, 720W@36V, 960W@48V	L117*W85*H24.5mm
V4-WP	12~36VDC	4CH, ≤5A/CH	12V<240W, 24V<480W, 36V<720W	L176*W78*H38mm
V3-K	12~24VDC	3CH, ≤4A/CH	12V<144W, 24V<288W	L187*W46*H35.5mm
S3	110~240VAC	3CH, ≤1A/CH	3x (110~240)W	L170*W50*H23mm
C4	12~48VAC	4CH, 150~500mA/CH 4CH, 350~1200mA/CH	4x (0.45~22.5)W 4x (4.05~54)W	L170*W50*H23mm
SC(SPI)	5~24VDC	MAX8A	/	L97*W33*H18mm

■ RGB Series



RGB Panel Controller

- Ultra sensitive high strength glass touch panel
- Compatibility with RF 2.4G single zone or multiple zone remote control
- Touch the color wheel and rotary knob to control the lights smoothly
- Touch keys with LED indicator.
- White & Black glass panel available.



T3



T3-1



T3-K

Model	Input Voltage	Output Current	Output Power	Size
T3	12-24VDC	3CH, ≤4A/CH	12V<144W, 24V<288W	L86*W86*H33mm
T3-1	12-24VDC	3CH, ≤4A/CH	12V<144W, 24V<288W	L86*W86*H33mm
T3-K	12-24VDC	3CH, ≤4A/CH	12V<144W, 24V<288W	L86*W86*H50mm

RGB Mini Controller



V3-W



V3-W(CJ)



V3-W(DJ)



Q3-S



Q3-S(CJ)



Q3-S(DJ)

Model	Input Voltage	Output Current	Output Power	Size
V3-W	12-24VDC	3CH, ≤1A/CH	12V<36W, 24V<72W	L60*W14*H5.8mm
V3-W(CJ)	12-24VDC	3CH, ≤1A/CH	12V<36W, 24V<72W	L60*W14*H5.8mm
V3-W(DJ)	12-24VDC	3CH, ≤1A/CH	12V<36W, 24V<72W	L60*W14*H5.8mm
Q3-S	12-24VDC	3CH, ≤1.5A/CH	12V<48W ,24V<96W	L60*W14*H5.8mm
Q3-S(CJ)	12-24VDC	3CH, ≤1.5A/CH	12V<48W ,24V<96W	L60*W14*H5.8mm
Q3-S(DJ)	12-24VDC	3CH, ≤1.5A/CH	12V<48W ,24V<96W	L60*W14*H5.8mm

SPI Signal Amplifier



- Split 1 group of SPI signals (data + clock) into 2 groups of SPI signals
- Used in conjunction with SPI controller, suitable for synchronously controlling multiple SPI digital RGB or RGBW LED strips

Mode	Input Voltage	Input Signal	Output Signal	Size
SA	5-24VDC	1 Group SPI (TTL)	2 Group SPI (TTL)	L52*W52*H26mm

■ RGBW Series



SKYDANCE 4-channel RGBW constant voltage LED controller series include RF controller, panel controller and mini controller, DC 12/24/36/48V constant voltage power supply, 4 PWM constant voltage output, The output is connected to low-voltage RGBW LED strips, adopt RF remote control, self-reset switch, touch buttons, knobs, digital tube buttons and other dimming methods, match with remote control, panel controllers, WiFi relay to form the lighting control system,to achieve 4096-level flicker-free dimming and color adjustment.

Features

- RF Wireless Dimming,CCT,RGB,RGBW
- PWM Consant Voltage Output
- 256 Levels 0~100% Smooth And Precise Dimming
- Multiple Protection

Constant Voltage RF LED Controller



VP



V4-M



V4-M(CJ)



V4-M(DJ)



V4



V4-S



V4-L



V4-D



V4-X



V4-WP (IP67 WATERPROOF)



V4-K

Model	Input Voltage	Output Current	Output Power	Size
VP	12-24VDC	4CH, ≤4A/CH	12V<192W ,24V<384W	L114*W38*H20mm
V4-M	12-24VDC	4CH, ≤2A/CH	12V<72W ,24V<144W	L64*W23.5*H8.5mm
V4-M(CJ)	12-24VDC	4CH, ≤2A/CH	12V<72W ,24V<144W	L64*W23.5*H8.5mm
V4-M(DJ)	12-24VDC	4CH, ≤2A/CH	12V<72W ,24V<144W	L64*W23.5*H8.5mm
V4	12-36VDC	4CH, ≤5A/CH	12V<240W ,24V<480W,36V<720W	L175*W45*H27mm
V4-S	12-24VDC	4CH, ≤3A/CH	12V<144W, 24V<288W	L52*W52*H26mm
V4-L	12-24VDC	4CH, ≤5A/CH	12V<180W, 24V<360W	L170*W50*H23mm
V4-D	12-24VDC	4CH, ≤5A/CH	12V<240W ,24V<480W	L115*W48*H67mm
V4-X	12-48VDC	4CHx8A@12/24V 4CHx5A@36/48V	384W@12V, 768W@24V , 720W@36V , 960W@48V	L117*W85*H24.5mm
V4-WP	12-36VDC	4CH, ≤5A/CH	12V<240W, 24V<480W, 36V<720W	L176*W78*H38mm
V4-K	12-24VDC	4CH, ≤4A/CH	12V<192W ,24V<384W	L187*W46*H35.5mm

■ RGBW Series



RGBW Panel Controller



Mode	Input Voltage	Output Current	Output Power	Size
T4	12-24VDC	4CH, ≤3A/CH	12V<144W, 24V<288W	L86*W86*H33mm
T4-1	12-24VDC	4CH, ≤3A/CH	12V<144W, 24V<288W	L86*W86*H33mm
T4(IT)	12-24VDC	4CH, ≤3A/CH	12V<144W, 24V<288W	L120*W80*H59mm

RGBW Mini Controller



Mode	Input Voltage	Output Current	Output Power	Size
V4-W	12-24VDC	4CH, ≤1A/CH	12V<48W, 24V<96W	L60*W14*H5.8mm
V4-W(CJ)	12-24VDC	4CH, ≤1A/CH	12V<48W, 24V<96W	L60*W14*H5.8mm
V4-W(DJ)	12-24VDC	4CH, ≤1A/CH	12V<48W, 24V<96W	L60*W14*H5.8mm



■ RGB/RGBW Series



SKYDANCE RGB/RGBW remote control series includes handheld and panel remotes, divided into single zone, 2 zones , 4 zones and 8 zones. There are AAA batteries, button batteries, AC 100-240V, DC 12-24V Equal power supply mode, used for RGB or RGBW type LED lights, using wireless 2.4G signal transmission technology, remote control distance of 30 meters, to achieve switching, color adjustment, dynamic change, grouping Partition and scene application functions to create colorful static or dynamic effects.

RF Hand-held Remote Control



Mode	Zone	Power Supply	Working Current	Standby Current	Standby Time	Size
R8	4 Zone RGB/RGBW	CR2023 Button Battery	<5mA	<10uA	1Year	L107*W58.5*H9mm
R8-1	1 Zone RGB/RGBW	CR2023 Button Battery	<5mA	<10uA	1Year	L107*W58.5*H9mm
R9	1 Zone RGB/RGBW	CR2023 Button Battery	<5mA	<10uA	1Year	L107*W58.5*H9mm
R13	1 Zone RGB	CR2023 Button Battery	<5mA	<10uA	1Year	L139*W36*H11mm
R14	1 Zone RGBW	CR2023 Button Battery	<5mA	<10uA	1Year	L139*W36*H11mm
R8S	8 Scenes (Universal)	CR2023 Button Battery	<5mA	<2uA	1Year	L135*W40*H11mm
RT4	1 Zone RGB/RGBW	AAAx2	<5mA	<10uA	1Year	L122*W53*H17.5mm
RT9	4 Zone RGB/RGBW	AAAx2	<5mA	<10uA	1Year	L122*W53*H17.5mm
RS9	1 Zone RGB/RGBW	AAAx2	<5mA	<10uA	1Year	L141*W50*H17.5mm
RS3	2 Zone RGB/RGBW	AAAx2	<5mA	<10uA	1Year	L141*W50*H17.5mm
RS4	4 Zone RGB/RGBW	AAAx2	<5mA	<10uA	1Year	L141*W50*H17.5mm
RS8	8 Zone RGB/RGBW	CR2023 Button Battery	<5mA	<2uA	2Year	L135*W40*H11mm
R10S	8 Zone&scene (Universal)	AAAx2	<5mA	<10uA	1Year	L141*W50*H17.5mm
RM3	1 Zone RGB/RGBW	CR2023 Button Battery	<5mA	<2uA	2Year	L100*W47*H8mm
R21	1 Zone RGB/RGBW	AAAx2	<5mA	<10uA	1Year	L135*W55*H16.5mm
R22	4 Zone RGB/RGBW	AAAx2	<5mA	<10uA	1Year	L135*W55*H16.5mm

SKYDANCE

■ RGB/RGBW Series

RGB/RGBW Panel Remote Control



Battery Powered Panel Remote Control

Mode	Zone	Power Supply	Working Current	Standby Current	Standby Time	Size
T3-KB	1Zone RGB	CR2023 Button Battery	<5mA	<10uA	1Year	L86*W86*H49mm
RK3	1Zone RGB	CR2023 Button Battery	<5mA	<10uA	1Year	L91*W57*H52mm
PK3	1Zone RGB	CR2023 Button Battery	<5mA	<10uA	1Year	L86*W86*H23mm
PK3(G)	1Zone RGB	CR2023 Button Battery	<5mA	<10uA	1Year	L86*W86*H24.5mm
PF3	1Zone RGB	CR2023 Button Battery	<5mA	<2uA	1Year	L86*W86*H14mm
PF3(G)	1Zone RGB	CR2023 Button Battery	<5mA	<2uA	2Year	L86*W86*H15mm
T24	4Zone RGBW	AAAx2	<5mA	<20uA	1Year	L86*W86*H20.5mm

AC/ DC Input Panel Remote Control

Mode	Zone	Input Voltage	Standby Time	Size
T13	4Zone RGB	100-240VAC	<1W	L86*W86*H33mm
T13(IT)	4Zone RGB	100-240VAC	<1W	L120*W80*H37mm
T13-1	4Zone RGB	100-240VAC	<1W	L86*W86*H33mm
T14	4Zone RGBW	100-240VAC	<1W	L86*W86*H33mm
T14(IT)	4Zone RGBW	100-240VAC	<1W	L120*W80*H37mm
T14-1	4Zone RGBW	100-240VAC	<1W	L86*W86*H33mm
T13-K	1Zone RGB	100-240VAC	<1W	L86*W86*H49mm
T16-1X	1 Zone(Universal)	100-240VAC	<1W	L86*W86*H33mm
T16-2X	4 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H33mm
T16-3X	6 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H33mm
T16-X	8 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H33mm
PK4	4 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H35.5mm
PK8	8 Zone&scene(Universal)	100-240VAC	<1W	L86*W86*H35.5mm
T3-K	1Zone RGB	12-24VDC	<1W	L86*W86*H49mm
T3	1Zone RGB	12-24VDC	<1W	L86*W86*H33mm
T3-1	1Zone RGB	12-24VDC	<1W	L86*W86*H33mm
T4	1Zone RGBW	12-24VDC	<1W	L86*W86*H33mm
T4-1	1Zone RGBW	12-24VDC	<1W	L86*W86*H33mm



■ RF RGB/RGBW Constant Voltage Dimmable LED Driver

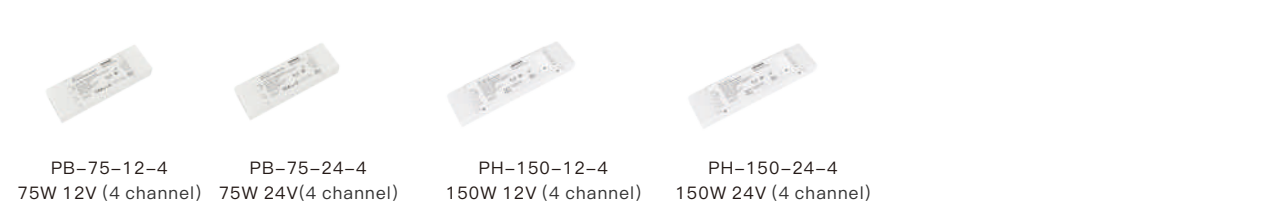
1. AC 100-240V input, DC 12/24V output, 3/4 ways PWM constant voltage output.
2. Dimming mode: wireless 2.4G, AC Push-Dim (self-reset switch).
3. The output power is 40-150W.
4. It has the same control function as SKYDANCE constant voltage RGB controller.
5. Built-in 10 dynamic modes, including jump and gradual change.
6. Over temperature/overload/short circuit protection, automatic recovery.
7. 5-year warranty and 50,000 hours warranty.



Mode	Output	Output Voltage	Input	Power Factor	THD	Efficiency	Size
PB-40-12-3	40W/12V/1.1A x 3CH	12VDC	100-240VAC	/	/	>81%	168x44x30mm
PB-40-24-3	40W/24V/0.56A x 3CH	24VDC	100-240VAC	/	/	>86%	168x44x30mm
PB-75-12-4	75W/12V/1.56A x 4CH	12VDC	200-240VAC	/	/	>82%	179x56x30mm
PB-75-24-4	75W/24V/0.78A x 4CH	24VDC	200-240VAC	/	/	>87%	244x68x36mm
PH-150-12-4	150W/12V/3.12A x 4CH	12VDC	100-240VAC	>0.95/230VAC	<5%/100VAC <10%/230VAC	>92%	280x67x36mm
PH-150-24-4	150W/24V/1.56A x 4CH	24VDC	100-240VAC	>0.95/230VAC	<5%/100VAC <10%/230VAC	>92%	280x67x36mm

■ RF RGBW Constant Voltage Dimmable LED Driver

1. AC 100-240V input, DC 12/24V output, 4 PWM constant voltage.
2. Dimming mode: wireless 2.4G, AC Push-Dim (self-reset switch).
3. The output power is 75-150W.
4. It has the same control function as SKYDANCE constant voltage RGBW controller.
5. Built-in 10 dynamic modes, including jump and gradual change.
6. Over temperature/overload/short circuit protection, automatic recovery.
7. 5-year warranty and 50,000 hours warranty.



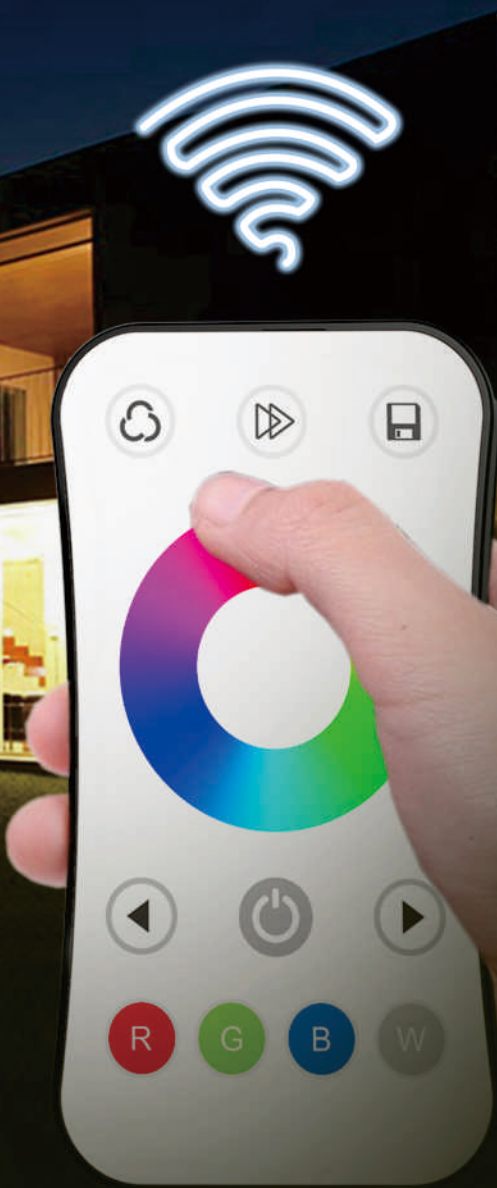
Mode	Output	Output Voltage	Input	Power Factor	THD	Efficiency	Size
PB-75-12-4	75W/12V/1.56A x 4CH	12VDC	200-240VAC	/	/	>82%	179x56x30mm
PB-75-24-4	75W/24V/0.78A x 4CH	24VDC	200-240VAC	/	/	>87%	244x68x36mm
PH-150-12-4	150W/12V/3.12A x 4CH	12VDC	100-240VAC	>0.95/230VAC	/	>92%	280x67x36mm
PH-150-24-4	150W/24V/1.56A x 4CH	24VDC	100-240VAC	>0.95/230VAC	<5%/100VAC <10%/230VAC	>92%	280x67x36mm

TOUCH WHEEL RF REMOTE CONTROL

1 zone RGB or RGBW/Touch wheel/
Wireless/CR2032 battery

Apply to RGB or RGBW LED controller

Ultra sensitive color adjustment touch wheel.
Each remote can match one or more receivers.
CR2032 battery powered.



Model: R8-1

SKYDANCE

RGB+CCT

■ RGB+CCT Series Controller

RGB+CCT RF Controller

SKYDANCE 5-channel constant voltage RGB+CCT LED controller series use DC12/24/36/48V constant voltage power supply, 5-channel PWM constant voltage output, output connection RGB+WW+CW 5-color low-voltage LED strip, adopt RF remote control, self-reset switch and other dimming methods, combined with remote control, panel controllers, WiFi relay etc. to form the lighting control system, to achieve 4096-level flicker-free dimming and color adjustment.

Features



- RF Wireless Dimming, CCT, RGB, RGB
- 256 Levels 0~100% Smooth And Precise Dimming
- PWM Consant Voltage Output
- Multiple Protection



Mode	Input Voltage	Output Current	Output Power	Size
V5-M	12-24VDC	5CH, ≤3A/CH	12V<180W ,24V<360W	L114*W38*H20mm
V5	12-24VDC	5CH, ≤5A/CH	12V<300W ,12V<600W	L175*W45*H27mm
V5-L	12-48VDC	5CHx6A@12/24V , 5CHx4A@36/48V	360W@12V,720W@24V ,720W@36V ,960W@48V	L179*W56*H30mm



■ RGB+CCT Series Remote Control

RGB+CCT Hand-held Remote Control

Features



- Adopt Wireless 2.4G signal transmirrion Technology
- Remote Control Distance 30 Meters
- Single Zone Or Multiple Zone Control
- Scene Storage Function



Mode	Zone	Power Supply	Working Current	Standby Current	Standby Time	Size
R17	1Zone RGB+CCT	CR2023 Button Battery	<5mA	<10uA	1Year	L107*W58.5*H9mm
R8-5	4Zone RGB+CCT	CR2023 Button Battery	<5mA	<10uA	1Year	L107*W58.5*H9mm
RT5	1Zone RGB+CCT	AAAx2	<5mA	<10uA	1Year	L122*W53*H17.5mm
RT10	4Zone RGB+CCT	AAAx2	<5mA	<10uA	1Year	L122*W53*H17.5mm
R10	1Zone RGB+CCT	CR2023 Button Battery	<5mA	<10uA	1Year	L139*W36*H11mm
R23	1Zone RGB+CCT	AAAx2	<5mA	<10uA	1Year	L135*W55*H16.5mm
R8S	8 Scenes (Universal)	CR2023 Button Battery	<5mA	<2uA	2Year	L135*W40*H11mm
R10S	8 Zone&scene (Universal)	AAAx2	<5mA	<10uA	1Year	L141*W50*H17.5mm

RGB+CCT Panel Remote Control



AC Input Panel Remote Control

Mode	Zone	Input Voltage	Standby Power	Size
T15	4Zone RGB+CCT	100-240VAC	<1W	L86*W86*H33mm
T15-1	4Zone RGB+CCT	100-240VAC	<1W	L86*W86*H33mm
T15(IT)	4Zone RGB+CCT	100-240VAC	<1W	L120*W80*H37mm

Battery Powered Panel Remote Control

Mode	Zone	Power Supply	Working Current	Standby Current	Standby Time	Size
T25	4Zone RGB+CCT	AAAx2	<5mA	<20uA	1Year	L86*W86*H20.5mm
T25-1	4Zone RGB+CCT	AAAx2	<5mA	<20uA	1Year	L86*W86*H20.5mm



RF Signal Amplifier - RA



Features

1. It is suitable for wireless signal expansion, which greatly guarantees the stability and control range of RF communication.
2. AC100-240V or DC12-24V power supply.
3. Use with a wireless series remote control.
4. It can be installed in a standard wall junction box.

Technical Parameters

Mode	RA	Product Name	RF Signal Repeater
Technical Parameters			
Input voltage	AC100-240V DC12-24V	Power consumption	AC: <= 0.6W DC: <=0.4W
Input signal	RF 2.4GHz	Output signal	RF 2.4GHz
RF Control distance	30M	Size	52×52×26mm
Environment		Safety and EMC	
Operation temperature	-30℃~+55℃	EMC standard (EMC)	EN 55015:2013/EN 61547:2009 EN 61000-3-2:2014/EN 61000-3-3:2013
Case temperature(Max.)	+65℃	Safety standard (LVD)	EN 61347-2-11:2002/EN 61347-1:2015 EN 62493:2015
IP rating	IP20	Certification	CE、EMC、LVD
Quality Assurance		Protection	
Warranty	5Year	Protection	/

RGB+CCT Constant Voltage LED Controller + Remote Control

Feature

- DC power socket input and 5-channel constant voltage output.
- Match with Skydance 2.4G single-zone or multi-zone RGB + CCT remote control.
- One RF controller can accept up to 10 remote controllers.
- 4096 level 0-100% smooth dimming without any flash.
- Built-in 10 kinds of dynamic modes, including jump or gradual change.
- Automatic sending function: the controller automatically sends the signal to Another controller with a control distance of 30 meters.
- Synchronize on multiple controllers.



Controller Mechanical Structure and Installation



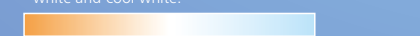
Technical Parameters

LED Controller	
Input Voltage	12-24VDC
Input Current	15.5A
Output Voltage	5 x (12-24)VDC
Output Current	5CH,3A/CH
Output Power	5 x (36-72)W
Output Type	Constant Voltage

Remote Control	
Output Signal	RF(2.4GHz)
Working Voltage	3VDC(AAAx2)
Working Voltage	<5mA
Standby Current	<10μA
Standby Time	1 Year
Remote Distance	30m(Open and barrier-free)

Remote Control Button Function

-  : Turn on/off the lights.
-  : Touch to change RGB color or color temperature. Press RGB or CCT key to switch between RGB color circle and CCT color circle.
-  : To adjust the brightness, short press 10 levels, long press for 1-6 seconds to continuously adjust 256 levels.
-  : Adjust the color temperature through the warm white or cool white channel, short press 11 levels, and long press to continuously adjust the brightness of warm white and cool white.



1 Warm White	6 Neutral white	11 Cold white
Warm White 100%	Warm White 100%	Warm white 0%
Cold white 0%	Cold white 100%	Cold white 100%
-  : Short press to get 24 static RGB colors.



1 R 100%	8 G 100%	13 B 100%	20 R 100%	26/11 R 100%
2 R 100%	9 G 100%	14 B 100%	21 R 100%	
3 R 100%	10 G 100%	15 B 100%	22 R 100%	
4 R 100%	11 G 100%	16 B 100%	23 R 100%	
5 R 100%	12 G 100%	17 B 100%	24 R 100%	
-  : Shortly switch the dynamic mode in sequence; long press for 2 seconds to cycle the dynamic mode.
-  : For dynamic mode, to adjust the speed, short press 10 levels, and long press the default speed for 2 seconds. For static RGB colors, adjust the saturation, that is, the current static RGB colors will slowly become RGB mixed white, Short-press 11 levels, long-press 1-6 seconds for continuous 256 levels of adjustment.
-  : Short press the light to become static red/green/blue. Long press for 1-6 seconds to continuously adjust R/G/B brightness to realize millions of colors.
-  : For RGB lights, short press to turn on/off white (warm white/cool white) Long press for 1-6 seconds to continuously adjust (warm white + cool white) channel brightness, that is, to change the saturation by slowly increasing/decreasing white.
-  : Short press to bring up the scene, Long press for 2 seconds to save the current colors to S1/S2, save OK, and the LED indicator will show green.