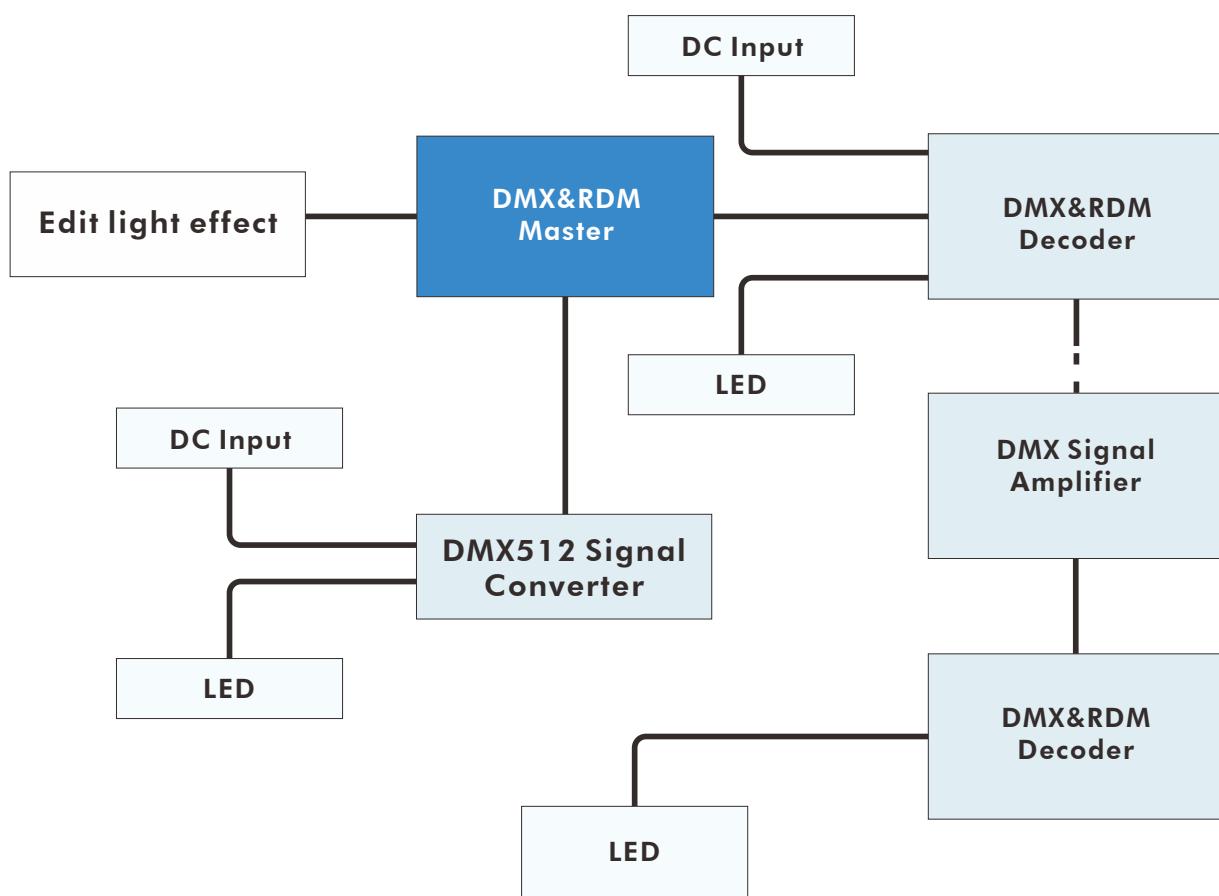


# DMX512 Series



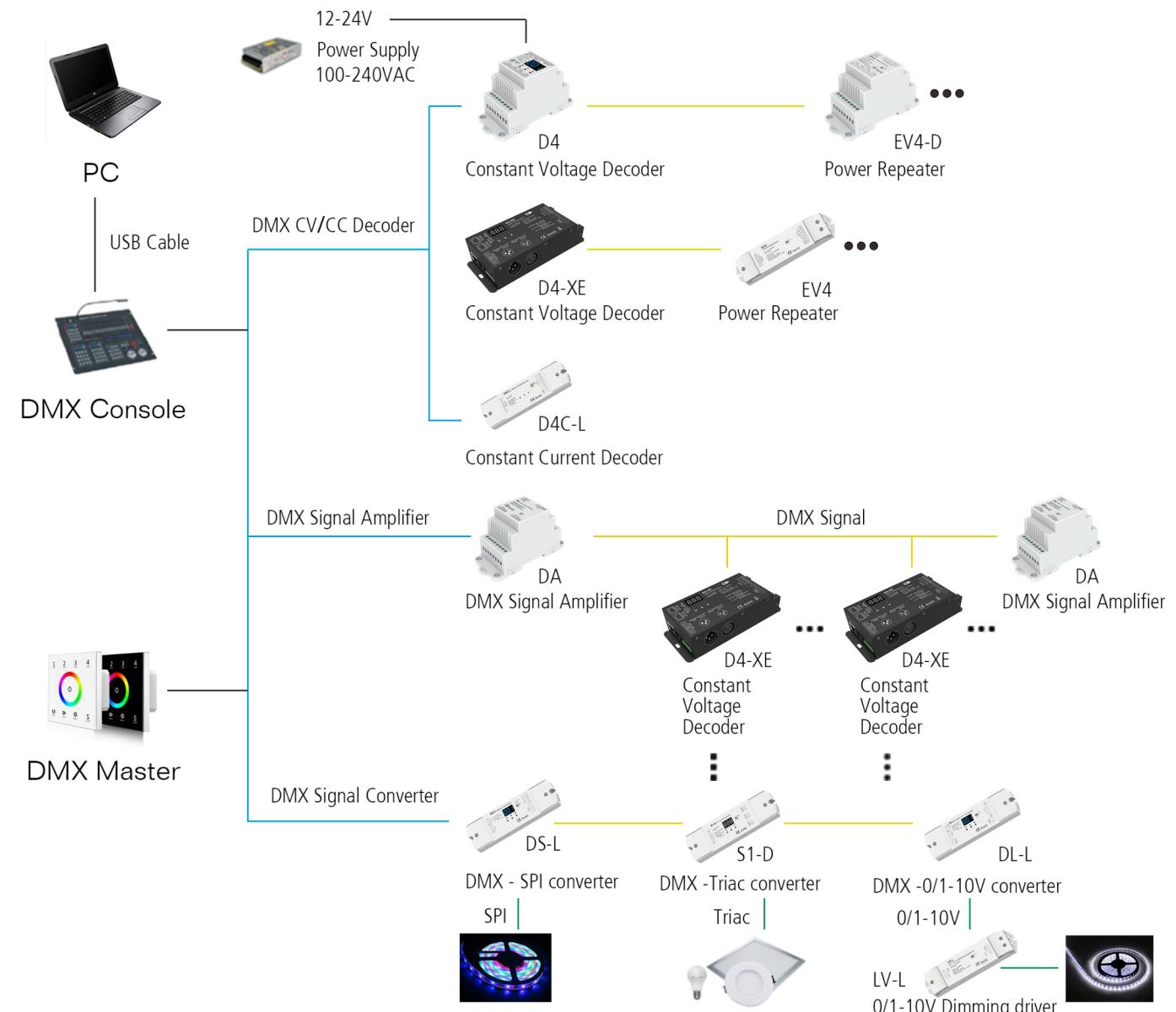
## DMX512 Control System

Skydance DMX controllers are designed with the latest DMX512, DMX512(1990), DMX512-A and RDM standard protocols which enable users to set DMX address, choose output channel quantity, PWM output frequency and output brightness curve manually.

The advanced RDM decoder features bi-directional communication function which enables DMX console to detect decoder, displays decoder information and sets DMX address.

The DMX lighting control system consists of DMX console(DMX master) that sends DMX control signal and DMX decoder (DMX slave)which receives the control signal and outputs PWM signal to connected LED lights. Furthermore, with an additional DMX Signal Amplifier DA, the DMX control signal will be double extended.

With built-in RF 2.4G module, the DMX master can be controlled by a variety of single color, dual color, RGB, RGBW, RGB+CCT remotes.



# 4 CHANNEL CV DMX512 & RDM DECODER

**Water proof with IP67 for outdoor usage**

Comply with the DMX512 standard protocols.

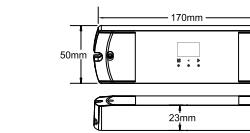
RDM function.  
Stand-alone function.  
Logarithmic or linear dimming curve selectable.



## DMX512&RDM Decoder

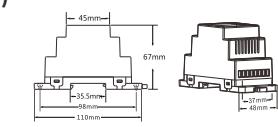
- Stand-alone function.
- Digital numeric display, set DMX decoder start address.
- PWM frequency 2000/500Hz selectable.
- Logarithmic or linear dimming curve selectable.
- Over-heat / Over-load / Short circuit protection, recover automatically.

DMX512&RDM Decoder



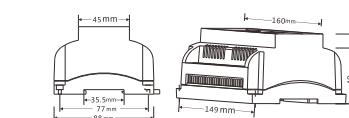
Model	Input Voltage	Output current	Output power
D1-L	12-24VDC	1CH, 15A	180-360W
D3-L	12-24VDC	3CH, 6A/CH	3 x (72-144)W
D4-L	12-24VDC	4CH, 5A/CH	4 x (60-120)W

DMX512&RDM Decoder(Din-Rail)



Model	Input Voltage	Output Current	Output Power
D3	12-24VDC	3CH, 6A/CH	3 x (72-144)W
D4	12-24VDC	4CH, 5A/CH	4 x (60-120)W

DMX512&RDM Decoder(Din-Rail)



Model	Input Voltage	Output Current	Output Power
D12	12-24VDC	12CH, 5A/CH	12 x (60-120)W
D24	12-24VDC	24CH, 3A/CH	24 x (36-72)W

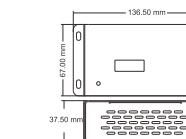
DMX512&RDM Decoder(Waterproof, 4 channel)



- Ip67 waterproof

Model	Input Voltage	Output Current	Output Power
D4-WP	12-36VDC	4CH, 5A/CH	4 x (60-180)W

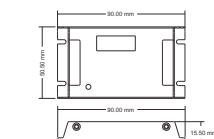
DMX512&RDM Decoder(3 channel)



- 3-pin XLR and Green terminal DMX signal input & output.
- Set DMX decode start address via DIP switch.

Model	Input Voltage	Output Current	Output Power
D3-M	12-24VDC	3CH, 8A/CH	3 x (96-192)W

DMX512 & RDM Decoder(3 channel)

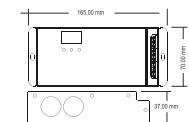


- Green terminal DMX signal input.
- Set DMX decode start address via DIP switch.

Model	Input Voltage	Output Current	Output Power
D3-P	12-24VDC	3CH, 4A/CH	3 x (48-96)W

## DMX512&RDM Decoder

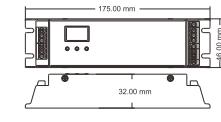
### DMX512&RDM Decoder



- Green terminal, XLR3 and RJ45 port DMX signal input.

Model	Input Voltage	Output Current	Output Power
D3-XE	12-36VDC	3CH, 10A/CH	3 x (120-360)W
D4-XE	12-36VDC	4CH, 8A/CH	4x (96-288)W

### DMX512&RDM Decoder(4 channel)



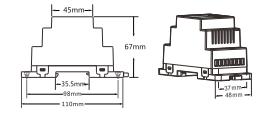
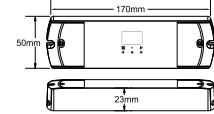
- Green terminal and RJ-45 DMX signal ports.

Model	Input Voltage	Output Current	Output Power
D4-E	12-36VDC	4CH, 8A/CH	4 x (96-288)W

## DMX512&RDM Decoder

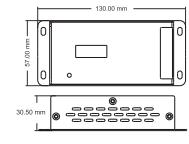
### CC DMX512&RDM Decoder

- Stand-alone function.
- Digital numeric display, set DMX decoder start address.
- PWM frequency 2000/500Hz selectable.
- Logarithmic or linear dimming curve selectable



Model	Input Voltage	Output Signal	Output Dots
D3C-L(350mA)	12-48VDC	3CH, 350mA/CH	3 x (1.05-16.1)W
D3C-L(700mA)	12-48VDC	3CH, 700mA/CH	3 x (2.10-32.2)W
D4C-L(350mA)	12-48VDC	4CH, 350mA/CH	4 x (1.05-16.1)W
D4C-L(700mA)	12-48VDC	4CH, 700mA/CH	4 x (2.10-32.2)W

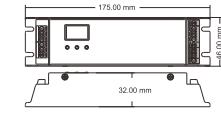
### DMX512&RDM Decoder(3 channel)



- Green terminal DMX signal input.
- Set DMX decode start address via DIP switch.

Model	Input Voltage	Output Current	Output Power
D3-S	12-24VDC	3CH, 8A/CH	3 x (96-192)W

### DMX512&RDM Decoder(4 channel)

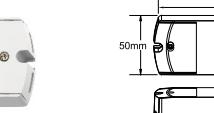


- Green terminal DMX signal ports.

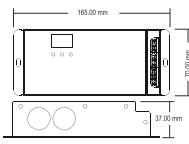
Model	Input Voltage	Output Current	Output Power
D4-P	12-36VDC	4CH, 8A/CH	4 x (96-288)W

### DMX512&RDM AC Switch

- RDM function.
- ON/OFF only, non-dimming.
- Comply with the DMX512 standard protocols.
- Digital numeric display, set DMX decoder start address.



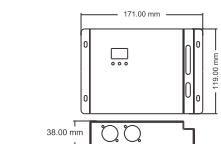
### DMX512&RDM Decoder(For High Voltage LED Strip, 3 channel)



- Green terminal, XLR3 and RJ45 port DMX signal ports.

Model	Input Voltage	Output Current	Output Power
S3-DX	110-240VAC	3CH, 1.5A/CH	3x (165-360)W

### DMX512&RDM Decoder(For High Voltage LED Strip, 4 channel)



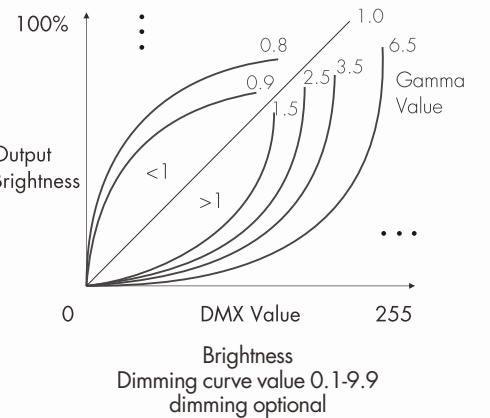
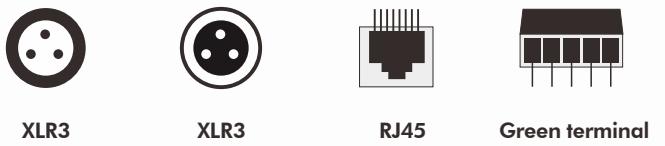
- Green terminal, XLR3 and RJ45 port DMX signal ports.

Model	Input Voltage	Output Current	Output Power
S4-DX	110-240VAC	4CH, 2A/CH	4 x (220-480)W

Model	Input Voltage	Output Current	Output Power
DP	100-240VAC	5A x 1 channel	500/1200W(100/240V)

# OLED

## DMX512&RDM DECODER/ MASTER



### Easy operation with OLED display

DMX Decoder  
Addrs:001 5CH  
PwmHz:Std 8bit  
Curve:Standard

Dimmer  
Ch1:255 Ch2:255  
Ch3:255 Ch4:255  
Ch5:255 All:255

RGB Controller  
05 RGB jump  
Spd: 7 Brt:100%  
Ch4:255 Ch5:255

#### DMX Decoder Mode

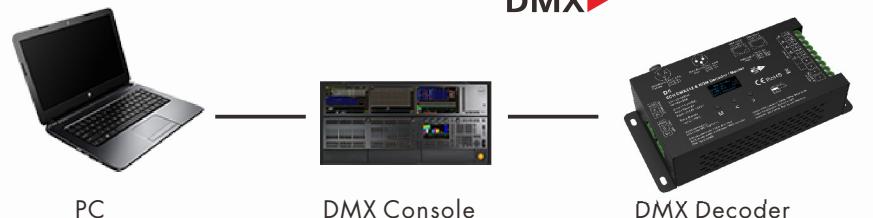
DMX decode start address: Range: 001~999  
PWM frequency selectable:  
Std(2KHz), High(8KHz), Mid(500Hz), Low(250Hz)  
Grey Level selectable: 8/16 bit

#### DMX Master Mode as Dimmer

Brightness setting range: 0-255

#### DMX Master Mode as RGB controller

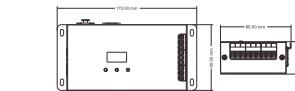
Dynamic RGB mode: 25 kinds  
Mode speed range: 1-10 level  
Mode brightness range: 10%-100%  
Brightness range: 0-255



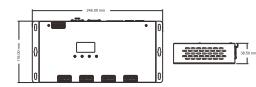
## DMX512&RDM Decoder

- Master&decoder mode, RDM function.
- PWM frequency 250/500/2000/8000Hz selectable.
- 16bit (65536 levels) /8bit (256 levels) grey level selectable.
- Output dimming curve gamma value 0.1-9.9 selectable.
- Green terminal(amplify output), XLR3 and RJ45 port DMX signal input..
- Over-heat / Over-load / Short circuit protection, recover automatically.
- With fast self-testing function.

OLED 5 Channel DMX512&  
RDM Decoder



OLED 12 Channel DMX512  
&RDM Decoder



- 1/2/3/4/5 channel decoding mode selectable.

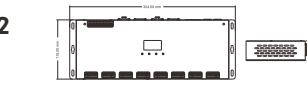
Model Input Voltage Input current Output voltage Output current Output power

D5 12-24VDC 30.5A 5x(12-24)VDC 5x6A 5x(72-144)W

Model Input Voltage Input current Output voltage Output current Output power

D12A 12-24VDC Max60.5A 12x(12-24)VDC 12x5A 12x(60-120)W

OLED 24 Channel DMX512  
&RDM Decoder



Model Input Voltage Input current Output voltage Output current Output power

D24A 12-24VDC Max120A 24x(12-24)VDC 24x5A 24x(60-120)W

## DMX512 Converter

### DMX512&RDM to 0/1-10V Converter

- Stand-alone function, work as 0/1-10V dimmer.
- 0/1-10V signal output, 0-10V and 1-10V selectable.

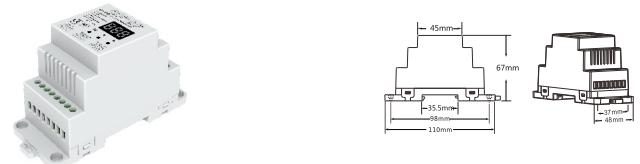


Model	Input Voltage	Input Signal	Output Signal	Output Current
DL	12-24VDC	DMX512	0/1-10V	4CH,20mA/CH

Model	Input Voltage	Input Signal	Output Signal	Output Current
DL-L	85-265VAC /12-24VDC	DMX512	0/1-10V	4CH,20mA/CH

### DMX512&RDM to AC Triac Dimmer

- Stand-alone dimming function, work as AC phase-cut dimmer.
- Leading edge or trailing edge dimming selectable.
- Minimum brightness selectable.



Model	Input Voltage	Output Current	Output Power
S1-DR	100-240VAC	2x1.0A	2x(100-240)W

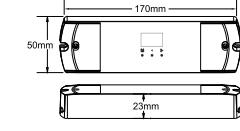
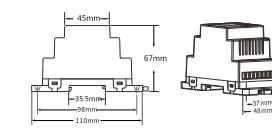
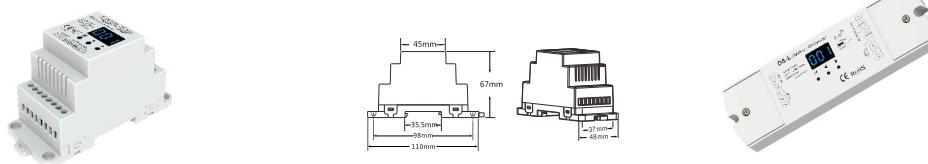
Model	Input Voltage	Output Signal	Output Current	Output Power
S1-D	100-240VAC	DMX512	2x1.0A	2x(100-240)W

Model	Input Voltage	Output Current	Output Power
S1-D1	100-240VAC	1x2A	200-480W

## DMX512 Converter

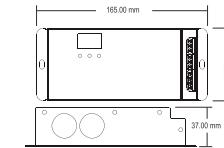
### DMX512 SPI Converter

- DMX512 SPI decoder and RF controller with digital display.
- Compatible with 30 kinds digital IC RGB or RGBW LED strip, IC type and R/G/B order can be set. Compatible ICs: TM1803, TM1804, TM1809, TM1812, UCS1903, UCS1909, UCS1912, UCS2903, UCS2909, UCS2912, WS2811, WS2812, TM1829, TLS3001, TLS3002, GW6205, MBI6120, TM1814B, SK6812, LPD6803, LPD1101, D705, UCS6909, UCS6912, LPD8803, LPD8806, WS2801, WS2803, P9813, SK9822.
- DMX decode mode, stand-alone mode and RF mode selectable.
- Standard DMX512 compliant interface, set DMX decode start address by buttons.
- Under stand-alone mode, change mode, speed or brightness by buttons.
- Under RF mode, match with Skydance's 2.4G RGB/RGBW remote control.
- 32 kinds dynamic mode, include horse-race, chase, flow, trail or gradual change style.



Model	Input Voltage	Input Signal	Output Signal	Output Dots
DS	5-24VDC	DMX512+RF2.4G	SPI	900

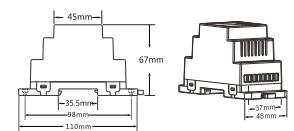
Model	Input Voltage	Input Signal	Output Signal	Output Dots
DS-L	5-24VDC	DMX512+RF2.4G	SPI x 2	900



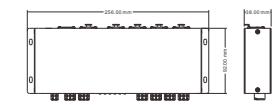
Model	Input Voltage	Input Signal	Output Signal	Output Dots
DSA	5-24VDC	DMX512+RF2.4G	SPIx3	900

## DMX Signal Amplifier

### DMX Signal Amplifier



### DMX Signal Splitter



- Realize extending the signal transmission distance.
- Amplify, distribute and insulate the signal that comes from the DMX512 system.
- Photo-electricity insulation between input and output, output among channels.

Model	Input Voltage	Input Signal	Output Signal
DA	12-24VDC	DMX512	2xDMX512
DM	12-36VDC	DMX512/RDM	1xDMX512/RDM

- 1 DMX512 signal input, repeat 4 DMX512 signal output.
- Amplify, distribute and insulate the signal that comes from the DMX512 system.
- Photo-electricity insulation between input and output, output among channels.
- 3 pin XLR / 3 screw terminals input and loop through, 5 pin XLR option available.
- 6 front panel LEDs indicate power in, DMX in and DMX output status at each output.

Model	Input Voltage	Input Signal	Output Signal
DMA	12-36VDC	DMX512	4xDMX512

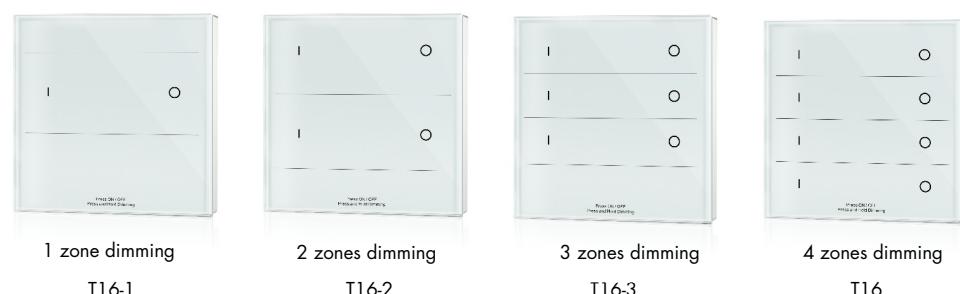
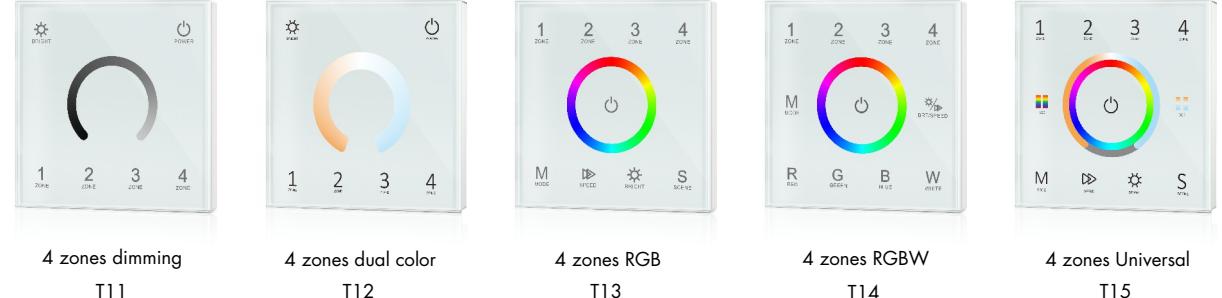
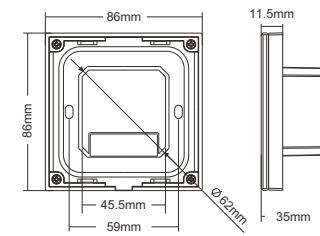


## DMX512 Master

### DMX Touch Panel

- 85-265VAC input DMX512 master.
- DMX signal output, comply to standard DMX512 protocol.
- Smooth and accurate color adjustment by touching the color wheel.
- Touch keys with chord tones(optional) and LED indicator.
- 4 zones.

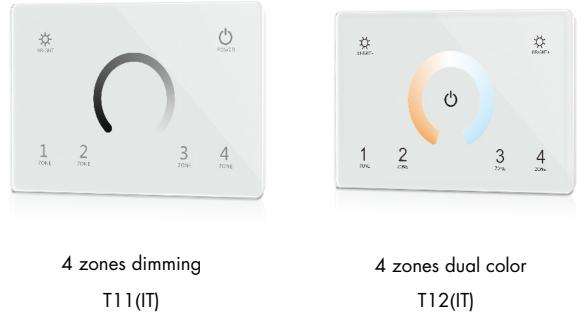
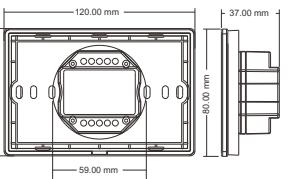
Panel Color:    



## DMX512 Master

### Italy Size DMX Touch Panel

Panel Color:



4 zones dimming

T11(IT)

4 zones dual color

T12(IT)

4 zones RGB

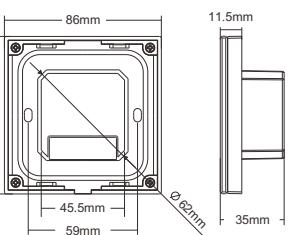
T13(IT)

4 zones RGBW

T14(IT)

### DMX Rotary Panel

- Rotary panel controller,
- Rotate knob to change brightness.
- Match with Skydance's 2.4G remote control.
- Push/Rotate with chord tones and LED indicator



1 zones dimming  
T11-K



1 zone dual color  
T12-K



1 zones RGB  
T13-K



1 zone dimming  
T11-D

## Wall Mounted Touch Panel

### DMX 512 Master

**4 zones RGBW**  
**Output 16 channel DMX data**

DMX signal output, connect with 4 Channel DMX decoder in each zone

Ultra sensitive& high strength glass panel.

50ms touch reponse time

Smooth and accurate color adjustment by touching color slide.

Touch keys with chord tones(optional) and LED indicator.

