DX series touch panel
LED Controller

Touch Controls Make Life Easier

DIM — DX5
CT — DX6
CT — DX7
RGBW — DX8

DX series touch panel controller—Wireless multi-zone series

DX series wall-mounted touch panel controller –Wireless multi-zone series is widely installed in commercial / office/household, which has four types: single color/CT/RGB/RGBW control with 2.4G wireless zones' control and cable output DMX512 signal. Apply for various kinds LEDs.

DX Series Touch Panel Controller is the essence of others technology to provide you a high quality product.

Base on 2.4Hz wireless multi-zone control, no wiring trouble.

Can choose DMX 512 output, control DMX lamps.

Support 4 zones, different zones can be in different control.

simple fashion and decent appearance design.

Unique structure, super easy to install/remove.

high accuracy touching IC+special post-processing ,the touching accuracy is highly strengthened.

Fool type operation, easy to use.

Touching along with chord music & LED indicator.Visual & Auditory & Touch 3 layers to feel the light-changing synchronously.

Pioneered T-PWM dimming technology+ 4096 gray scale makes an almost perfect dimming/ color-mixing performance.

Support several panels to achieve multi-connected control.

Product parameter

DX5

Input voltage	AC100~240V
Output signal	RF 2.4G+DMX512
Gray scale level	4096
Control mode	4 Zones control
RF Remote distance	30m
Working temperature	-20℃～60℃
Dimensions	L86×W86×H36mm
Package Size	L112×W112×H48mm
Weight (N.W.)	225g

DX6

Input voltage	AC100~240V
Output signal	RF 2.4G+DMX512
Gray scale level	4096×4096
Control mode	4 Zones control
RF Remote distance	30m
Working temperature	-20℃～60℃
Dimensions	L86×W86×H36mm
Package Size	L112×W112×H48mm
Weight (N.W.)	225g

DX7

Input voltage	AC100~240V
Output signal	RF 2.4G+DMX512
Gray scale level	4096×4096
Control mode	4 Zones control
RF Remote distance	30m
Working temperature	-20℃～60℃
Dimensions	L86×W86×H36mm
Package Size	L112×W112×H48mm
Weight (N.W.)	225g

DX8

Input voltage	AC100~240V
Output signal	RF 2.4G+DMX512
Gray scale level	4096×4096×4096×4096
Control mode	4 Zones control
RF Remote distance	30m
Working temperature	-20℃～60℃
Dimensions	L86×W86×H36mm
Package Size	L112×W112×H48mm
Weight (N.W.)	225g

R4-5A CV Zone Receiving controller

Working Frequency	2.4GHz
Input voltage	DC5V~DC24V
Max current load	5A x4CH Max 20A
Max output power	100W/240W/480W(5V/12V/24V)
Remote Distance	30m
Working temperature	-30℃～55℃
Dimensions	L175×W44×H30mm
Package size	L178×W48×H33mm
Weight (G.W.)	150g

R4-CC CC Zone Receiving controller

Working Frequency	2.4GHz
Input voltage	DC12V~DC48V
Output voltage	DC3V~46V
Output current	CC 350/700/1050mA×4CH(3 in 1)
Output power	1.05W-48.3W×4CH Max 193.2W
Remote Distance	30m
Working temperature	-30℃～55℃
Dimensions	L175×W44×H30mm
Package size	L178×W48×H33mm
Weight (G.W.)	165g

Based on 2.4GHz

Controller control the LEDs by the wireless zones receiver, base on 2.4GHz wireless control, no wiring trouble, user experience the free and fun of the wireless control!

Support multi-zones control

Support 4 zones, different zones can be in different control without wiring, easily and simple for engineering installation.

DMX512 Output

Support DMX512 output, can be used as a master, control DMX lamps.
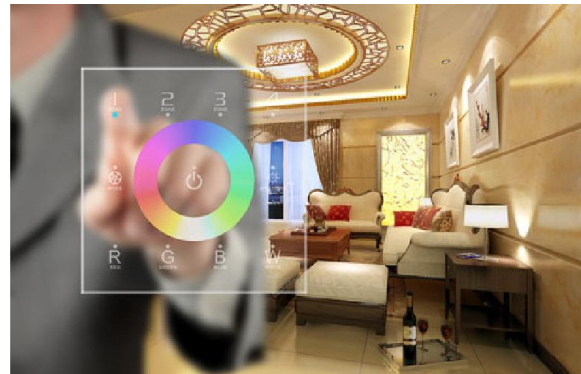
High-grade tempered glass panel

Adopt high-grade tempered glass panel, super easy to operate and with a bounch of outstanding featueres: nobleness & elegance, well protected against moisture, water, Corrosion and dust. Easy to clean. high strength, nonbreakable and Scratch Resistance, Non-defrmation, nondiscolouring, durable .

Latest human detection design. Capacitive touching sensor

High accuracy touching IC+special post-processing, the touching accuracy is highly strengthened, soft to the touch but highly sensitive.
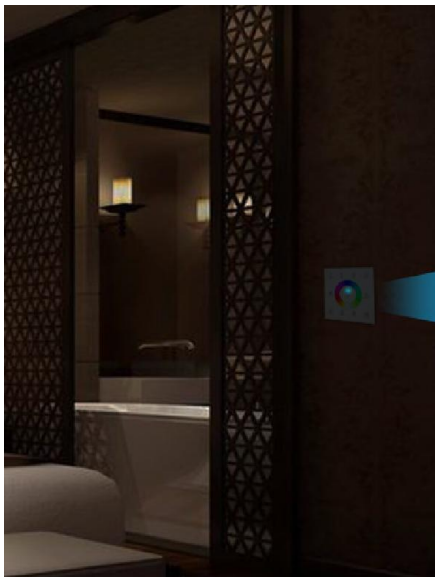

Humanized touch circle

Equipped with single color, two colors or colorful touch circle .adopt high accuracy Capacitive touch control chip, increases touch sensitivity and decreases mistaken triggering. Makes LED dimming and color chosen more humanized.

Touching along with chord music

LED indicator emits pale blue light when touching the keys, along with beautiful chord music. Visual & Auditory & Touch 3 layers to feel the light-changing synchronously.

LED night indicator

With the LED indicator it is very easy to find the switch in the dark.

T-PWM dimming technology/ 4096 gray scale

Pioneered T-PWM dimming technology+ 4096 gray scale makes an almost perfect dimming/ color-mixing performance.

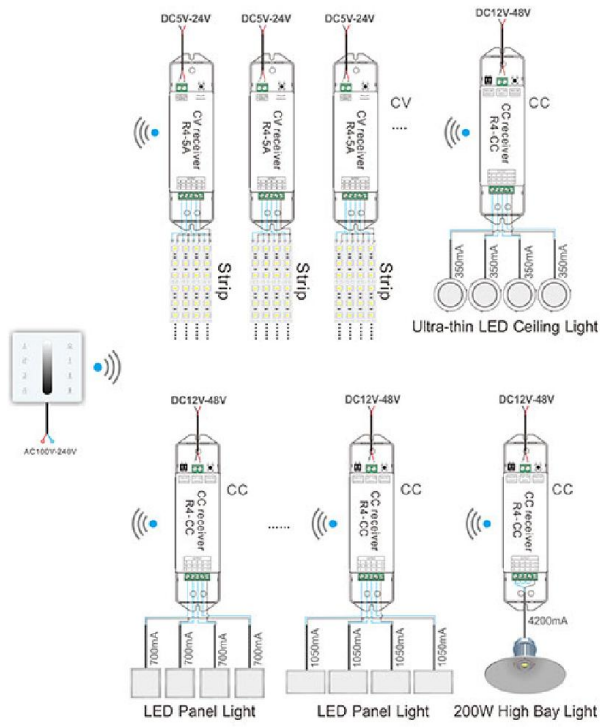## Support several panels to achieve multi-connected control

You can install the panels in different places to control the same LED, which will be convenient for the multi-connected and multi-control.

As the photo on the left, you can install a DX5 panel both in your bed room and doorway to control the indoor light, we can turn off the light without getting up with the help of it.

Installed in standard 86 boxes

Professional shell design combined with sealed PCB, super easy to install & remove. Unlike the similar ones in the market. Which needs to take the controller apart while installation, the PCB will be exposed and easily damaged during this course.

DC5V-24V   DC5V-24V   DC5V-24V   DC12V-48V

CV receiver R4-5A   CV receiver R4-5A   CV receiver R4-5A   CV   CC receiver R4-CC   CC

Strip   Strip   Strip

350mA 350mA 350mA 350mA

Ultra-thin LED Ceiling Light

AC100V-240V

DC12V-48V   DC12V-48V   DC12V-48V

CC receiver R4-CC   CC   ......   CC receiver R4-CC   CC   CC receiver R4-CC   CC

700mA 700mA 700mA 700mA   1050mA 1050mA 1050mA 1050mA   4200mA

LED Panel Light   LED Panel Light   200W High Bay Light

Connect to DMX decoder:

AC100V-240V

DMX Decoder   811-10A   001   Zone 1   LED Strip

DMX Out   DC12V-24V

DMX Input   DMX Decoder   811-10A   005   Zone 2   LED Strip

DMX Out   DC12V-24V

DMX Input   DMX Decoder   811-10A   009   Zone 3   LED Strip

DMX Out   DC12V-24V

DMX Input   DMX Decoder   811-10A   013   Zone 4   LED Strip

DC12V-24V