BL Controls
Nero
Manual

Dimensions

120
84
120

75

43.5
20
29.5

TOP VIEW

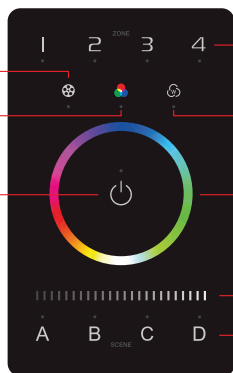**BOTTOM VIEW**

Key Functions

16 modes
Short press: Play mode
Long press: Adjust speed

Short press: ON/OFF RGB

Short press: All ON/OFF

16 modes (Press "⚙" to switch)
1. 3 color jumping
2. 7 color jumping
3. White strobe
4. 7 color strobe
5. Red green gradient
6. Red blue gradient
7. Green blue gradient
8. Red yellow gradient
9. Blue purple gradient
10. Green yellow gradient
11. Blue cyan gradient
12. Red purple gradient
13. Blue white gradient
14. Yellow purple cyan gradient
15. 3 color gradient
16. Full color gradient

ZONE
1 2 3 4

A B C D
SCENE

1-4 Zone keys
Short press: Turn ON
Select/Deselect the zone
Long press: Turn OFF

Short press: Turn ON/OFF
white
color
Long press: Adjust brightness
of white color

Touch color circle (RGB)

Touch slider bar (BRT)

4 Scene keys
Shortpress: Execute scene
Please refer to P4 for more
detailed instructions
Please refer to P4 to save scenes

DMX Channel Output Sheet
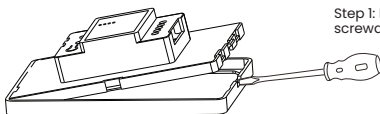
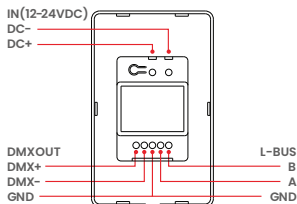| Address \ Type Zone	DIM	CT	CT2	RGBW	RGBWY
1	DIM1	C1	BRT1	R1	R1
2	DIM2	W1	CT1	G1	G1
3	DIM3	C2	BRT2	B1	B1
4	DIM4	W2	CT2	W1	W1
5	DIM1	C3	BRT3	R2	Y1
6	DIM2	W3	CT3	G2	R2
7	DIM3	C4	BRT4	B2	G2
8	DIM4	W4	CT4	W2	B2
9	DIM1	C1	BRT1	R3	W2
10	DIM2	W1	CT1	G3	Y2
11	DIM3	C2	BRT2	B3	R3
12	DIM4	W2	CT2	W3	G3
13	DIM1	C3	BRT3	R4	B3
14	DIM2	W3	CT3	G4	W3
15	DIM3	C4	BRT4	B4	Y3
16	DIM4	W4	CT4	W4	R4
17	DIM1	C1	BRT1	R1	G4
18	DIM2	W1	CT1	G1	B4
19	DIM3	C2	BRT2	B1	W4
20	DIM4	W2	CT2	W1	Y4
⋮	⋮	⋮	⋮	⋮	⋮
500	DIM4	W2	CT2	W1	Y4
⋮	⋮	⋮	⋮	⋮	/
512	DIM4	W4	CT4	W4	/

As shown in the sheet above, the address allocation across zones is as follows:
− Every 4 DIM addresses are distributed over 4 zones.
− Every 8 CT1 and CT2 addresses are distributed over 4 zones.
− Every 16 RGBW addresses are distributed over 4 zones.
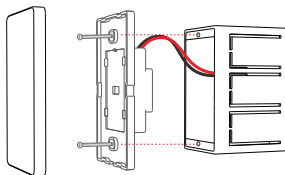− Every 20 RGBWY addresses are distributed over 4 zones.

Installation Instructions

Step 1: Remove the panel plate with a flathead screwdriver, as shown.

IN(12-24VDC)
DC-
DC+

DMXOUT   L-BUS
DMX+   B
DMX-   A
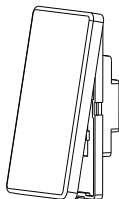GND   GND

Step 2: Attach the wires to the panel, as shown in the diagram below . Please be sure to turn off the power to the circuit at the circuit breaker or fuse box before attaching the wires.

Step 3: Install the panel plate. Once the wires are attached correctly, you can gently fold any excess wire and compress the panel into the junction box. Tighten the screws to secure the panel plate to the box.

Glass panel cover   Panel plate   Junction box

Step 4: Put the panel cover in place. Gently snap the panel cover onto the plate.

Attentions

Please use in spacious and open space. Avoid metal obstructions above and in front of products.
No disassembly of products so as not to affect the warranty.
Please use in a cool and dry environment.
Avoid direct contact with light and heat.
Please do not open, modify, repair, or maintain products without authorization, otherwise warranties are not allowed.

App Operating Instructions

1.Register an account

1.1 Scan the QR code below with your mobile phone and follow the prompts to complete the app installation.

1.2 Open the App and log in or register an account

Scan and download the App

2.Pairing instructions

Create a home if you are a new user. Click"+"icon in the upper right corner and access the "Add device" list. Follow the prompts to add a LED driver first, then pick "LED controller-Touch panel" from the device list. Follow the prompts to activate the device, then click "Bluetooth search"to add the device.
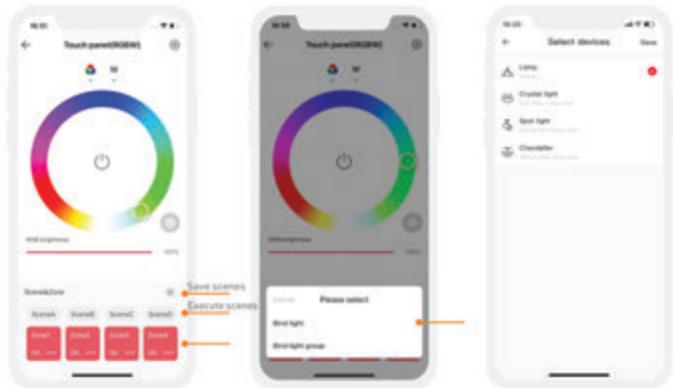
How to reset the device to factory defaults:

When the panel is powered on (the indicator light is white), long press Key A and Key D for 6s. If all the indicator lights of the panel flash several times, it means the device has been reset to factory defaults.

3.How to bind lights /light groups and save scenes

After pairing, get access to the control interface and choose the button for the zone lighting you are going to edit. You can bind lights and light groups to the buttons.
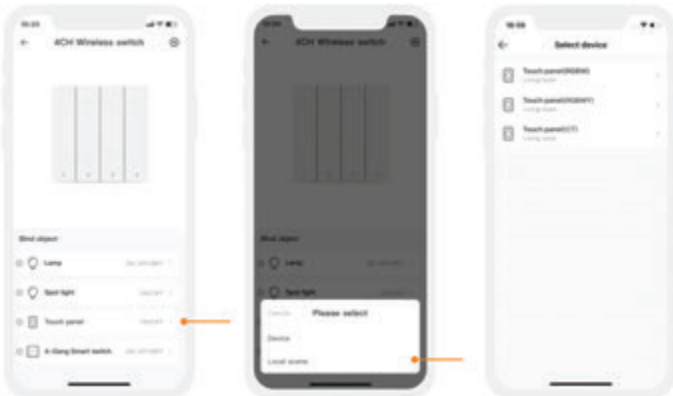
Local scenes: After adjusting the zone lighting to appropriate status, click "Save" and follow the prompts to save zone lighting status in the scene. After saving, click the corresponding scene button to execute the current local lighting scene (Supporting 16 scenes currently).

4.How to bind a bluetooth remote/bluetooth intelligent wireless switch

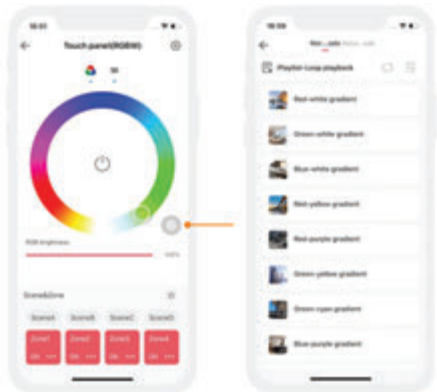Please refer to the manual of a bluetooth remote / bluetooth intelligent wireless switch. After adding the device, access the control interface and bind the corresponding intelligent touch panels.

5.Normal modes and advanced modes

Normal modes: Click "Mode"icon and access the mode interface. Click the blank area of the mode and it can be executed. There are 12 editable normal modes in total which satisfy the general needs of customers(Currently, only RGBW & RGBWY support normal modes). Advanced modes: Click the blank area of the mode and it can be executed. There are 8 editable advanced modes in total which satisfy the general needs of customers.

Edit modes: Switch to "Me" menu and click "Lighting mode settings". After selecting the light fixture type, click the blank area of mode to get access to the editable mode interface and edit it.

After complete editing, click "Apply" and the mode can be applied to the device.

6.How to share control of your home

The home sharing mode adopted is able to share the home or transfer the home founder to other home members. Switch to "Me" menu and choose "Home management". Click the home that you want to share and click "Add member", then follow the prompts to complete the home sharing.