RGBW-DMX5V CONTROLLER INSTALLATION INSTRUCTIONS

STOP

BEFORE YOU BEGIN
Read and follow all safety instructions

⚠ WARNING

RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal.
- Use only UL (or other NTRL) approved wire for input/output connections.
- Make sure LEDs and drivers are cool to touch when performing maintenance. Make sure the supply voltage is the same as the rated voltage of the luminaire.
- Do not install in a hazardous atmosphere, except where the ambient temperature does not exceed the rated operating temperature of the fixture.
- Keep tightly closed when in operation

Prepare Electrical Wiring

Electrical Requirements
Must check if the local voltage range is correspond with the working voltage of the fixture. Use min. 75ºC supply.

Grounding Instructions
The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes.

Follow all applicable safety procedures and use Personal Protective Equipment such as hardhats, safety glasses, reflective vest, electrical safety gloves, fall protection equipment and safety toe boots during the installation, operation, and maintenance of the luminare.
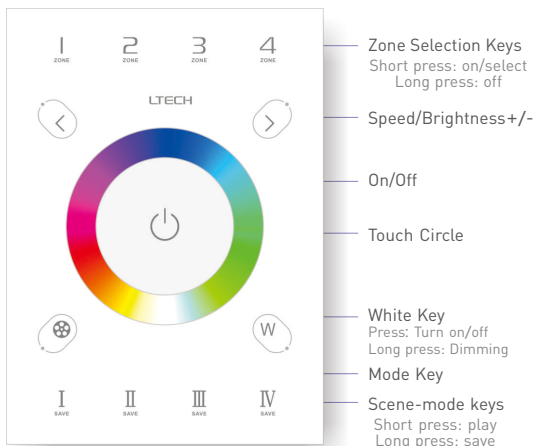
RGBW-DMX CONTROLLER INSTALLATION INSTRUCTIONS

RGBW-DMX5V

Zone	4 zone
Signal	DMX512 protocol
Dimensions	L 7" x H 1.3" x D 1.9"
Features	12 built-in mode, scene
Operating Temp.	-22ºF ~ 131ºF (-30ºC ~ 55ºC)

Key Functions

Zone Selection Keys
Short press: on/select
Long press: off

Speed/Brightness+/-

On/Off

Touch Circle

White Key
Press: Turn on/off
Long press: Dimming

Mode Key

Scene-mode keys
Short press: play
Long press: save

The Changing Mode (Press ⊛ to Select):

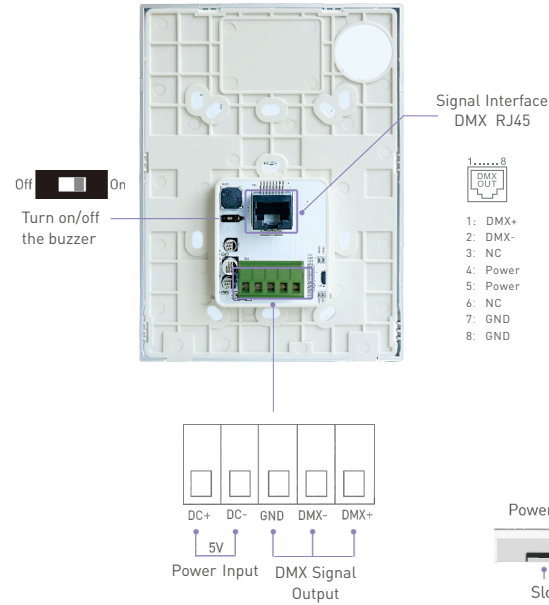|			
1. Static Red	2. Static Green	3. Static Blue	4. Static Yellow
5. Static Purple	6. Static Cyan	7. Static White	8. RGB Jumping
9. 7 Colors Jumping	10. RGB Smooth	11. 7 Colors Smooth	
12. Static Black			

* Any damage caused from improper installation will void warranty and not be accepted for RGA (Return Goods Authorization). Improper installation includes but not limited to field-drilled hole(s), improper latch closure and any damage caused during installation.

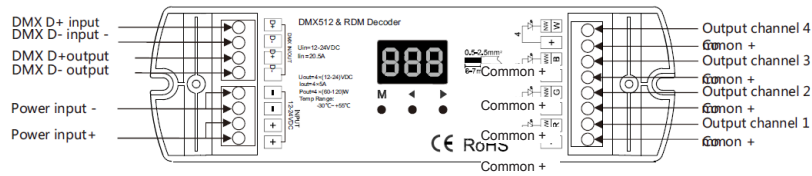# RGBW-DMX CONTROLLER INSTALLATION INSTRUCTIONS

Product Size:

106mm
10.5mm
18mm
146mm
83.5
60
57
47.5
30
46
60
7
7
4

UX8   Touch Panel

Terminals

Off — On
Turn on/off the buzzer

Signal Interface
DMX RJ45

1......8
DMX OUT

1: DMX+
2: DMX-
3: NC
4: Power
5: Power
6: NC
7: GND
8: GND

DC+   DC-   GND   DMX-   DMX+
5V
Power Input
DMX Signal Output

USB Input
Power Indicator   The Running Light
Slot   Reset key   Slot

Decoder:

DMX D+ input
DMX D- input -
DMX D+output
DMX D- output
Power input -
Power input+

DMX512 & RDM Decoder

Uin=12-24VDC
Iin=20.5A
Uout4=(12-24)VDC
Iout4<5A
Pout4<(60-120)W
Temp Range:
-30℃~+55℃

M   ◀   ▶

CE RoHS

Output channel 4
Common +
Output channel 3
Common +
Output channel 2
Common +
Output channel 1
Common +
Common +

RGBW-DMX5V (4-channel DMX decoder)

Dimensions	L 6.7" x W 2" x D 0.9"
Output Current	5A / channels
Input Voltage	12-24V DC
Output Power	4 x (60-120)W
Frequency	PWM output

RGBW-DMX CONTROLLER INSTALLATION INSTRUCTIONS
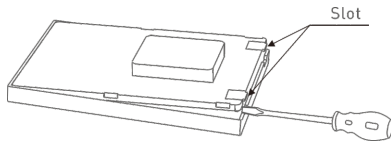
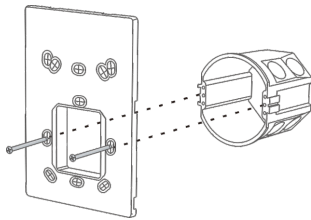## Installation Instruction:

Touch Panel
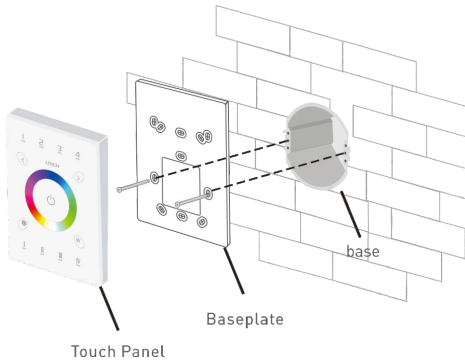
Baseplate

base

1. Install the back box into the wall. Typical boxes as below:
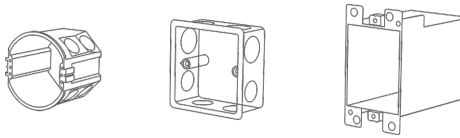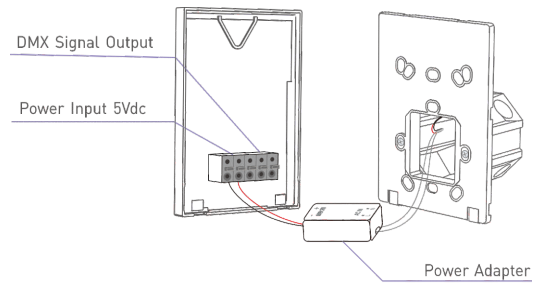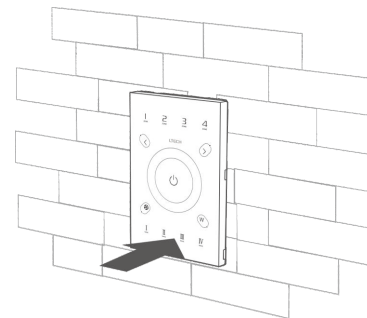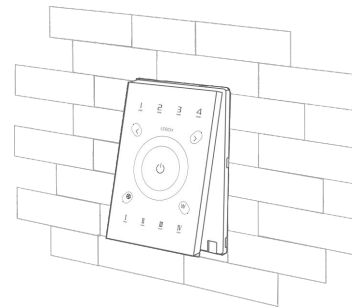

2 Use a straight screwdriver to pry the position shown:

Slot

3. screw the baseplate and the back box in the wall firmly.

4 Connect in a right way and put the power adapter into the back box.

DMX Signal Output

Power Input 5Vdc

Power Adapter

5 Embed the upper touch panel into the baseplate and then tap the bottom to press into the slots.

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DMX Output Wiring