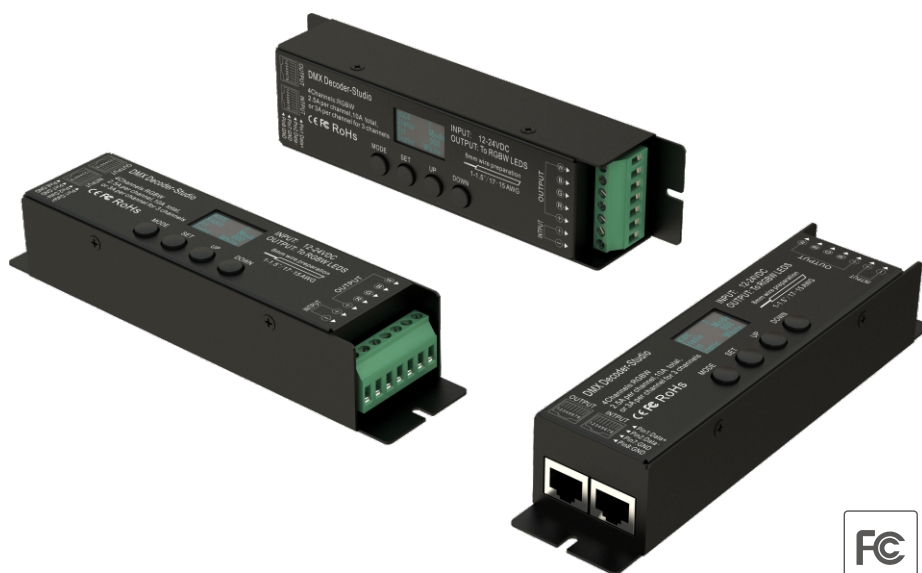




DMX512 Controller

LC-0DMX-D4-17



Description:

Can be used as DMX512 decoder, and DMX512(1990) protocol applies. OLED can display current operating state, convenient to operate; buttons of controller panel can control mode, change speed, brightness of corresponding channel.

Features:

1. DMX control;
2. RGB brightness can be independently dimming;
3. Data save automatically after power down;
4. Visual operation, flexible and convenient;
5. 33 common change modes and 2 DMX modes;
6. Has 0-255 grades speed adjustment in dynamic mode;
7. 256 grades brightness for each channel; 16581375 colors in total;
8. RJ45 standard ethernet interface.



Technical parameters:

working voltage: 12~24V ±5%

max.current: 2.5A (single channel) 10A in total

input signal: DMX512 (1990)

Color: RGBW,RGB,W,WW

color mode: 35 modes

working environment: indoor

waterproof grade: IP20

operating temperature range: -30°C-55°C

product dimension: L177*W41.5*H34.8mm

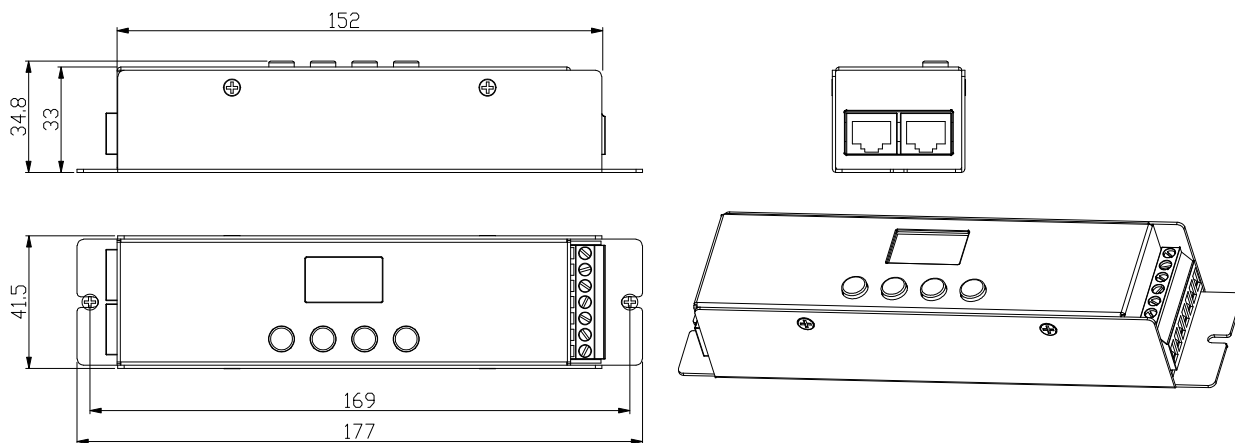
packing weight(gross weight) :about 320 gram

standard configuration list of packing:

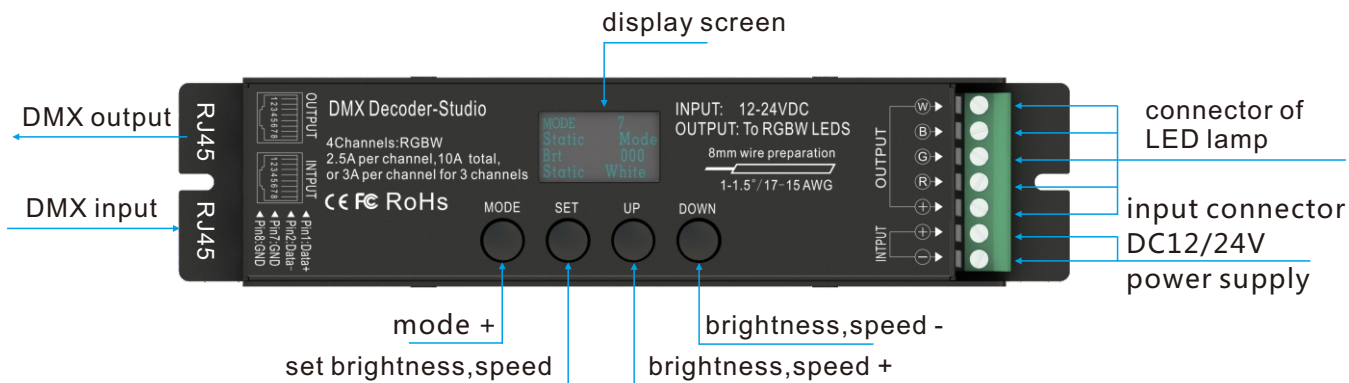
controller *1, user manual *1,

network cable*1, plastic anchor*2,screw*2

Product dimension(unit:mm):



Function description:





Operation instruction:

8.1 As common controller

8.1.1 mode 1 to mode 7 are static color modes, brightness can be set, but speed can't be set;

step 1: press "MODE" button to choose mode 1~7 ;

Step 2:press "SET" button to set brightness value of red light, and adjust brightness via "UP"/"DOWN" button;

Step 3:Press"SET" button again to exit.

8.1.2 mode 8 to mode 29 are dynamic color modes, speed can be set, but brightness can't be set;

step 1: press "MODE" button to choose mode 8~29;

step 2: press "SET" button to set speed, and adjust speed via "UP"/"DOWN" button;"UP" is button of speed+,
and "DOWN" is button of speed-;

step3:Press"SET"again to exit.

8.1.3 mode 30 to mode 33 are dimming modes, brightness can be set, and speed can't be set

Operating instruction of mode 30

step 1: press "MODE" button to choose mode 30;

step2: press"SET" button to set brightness value of red light, and adjust brightness via "UP"/"DOWN" buttons;

step3:press"SET" button again to exit.

Operating instruction of mode 31

step 1: press "MODE" button to choose mode 31;

step2: press"SET" button to set brightness value of green light, and adjust brightness via "UP"/"DOWN" buttons;

step3:press"SET"again to exit.

Operating instruction of mode 32

step 1: press "MODE" button to choose mode 32;

step2: press"SET" button to set brightness value of blue light, and adjust brightness via "UP"/"DOWN" buttons;

step3:press"SET" button again to exit.

Operating instruction of mode 33

step 1: press "MODE" button to choose mode 33;

step2:press"SET" button to set brightness value of red light, and adjust brightness via "UP"/"DOWN" buttons;

step3:press "SET" button again to set brightness value of green light, and adjust brightness via "UP"/"
DOWN" buttons;

step4:press "SET" button again set brightness value of blue light, and adjust brightness via "UP"/"
DOWN" buttons;

step5:press"SET"again to exit.



8.2 As DMX512 decoder

8.2.1 Mode 34 is single channel mode, brightness of 4 lights are controlled by one address;

Step 1: Press "MODE" button to choose mode 34.(be connected to DMX512 control panel);

Step2: Press"SET" button to set receiving address, and set receiving address via "UP" /"DOWN" buttons;
if address is set as X, the brightness value of 4 channels is CH(X).

Step 3: Press "SET" button again to exit.

8.2.2 Mode 35 is 4 channel mode, brightness of 4 lights are controlled by 4 continuous addresses

Step1: press "MODE" button to choose mode 35.(be connected to DMX512 control panel);

Step2: press "SET" button to set receiving address, and set receiving address via "UP" /"DOWN";if
address is set as X, the brightness value of the first channel is set as CH(X),and the brightness
value of the second channel is set as CH(X+1), and the brightness value of the third channel is set
as CH(X+2); and the brightness value of the forth channel is set as CH(X+3);

Step 3: press"set' button to exit.

Color mode:

- | | |
|-------------------------------|---|
| 1.static red | 15.red-green flicker |
| 2.static green | 16.red-blue flicker |
| 3.static blue | 17.green-blue flicker |
| 4.static yellow | 18.red-green-blue flicker |
| 5.static purple | 19.red-green-blue mixed color gradual change |
| 6.static cyan | 20.red-green mixed color gradual change |
| 7.static white | 21.red-blue mixed color gradual change |
| 8.7 colors jump change | 22.green-blue mixed color gradual change |
| 9.6 colors jump change | 23.red-green-blue single color gradual change |
| 10.7 colors flicker | 24.red-green single color gradual change |
| 11. red-green jump change | 25. red-blue single color gradual change |
| 12. red-blue jump change | 26.green-blue single gradual change |
| 13. green-blue jump change | 27. red gradual change |
| 14.red-green-blue jump change | |



- | | |
|--------------------------|--|
| 28. green gradual change | 32. blue dimming |
| 29. blue gradual change | 33. red-green-blue mixed color dimming |
| 30. red dimming | 34. DMX512 control panel dimming(single channel) |
| 31. green dimming | 35. DMX512 control panel dimming(4 channels) |

! Notice

1. The controller must be installed by professionals;
2. When installing the controller, first power off, then connect LED products with controller, after doing the right, then power on it;
3. The product is non-waterproof, please install and use it in dry environment;
4. Good cooling conditions will extend lifetime of controller, please install the product in well-ventilated environment;
5. Ensure input voltage conform to voltage range requirement of product;
6. Wire size used must be sufficient load connected and make sure wires are securely connected;
7. Before power on, ensure all wires are correctly connected to avoid lamps damage caused by wrong wiring;
8. If a failure occurs, don't repair without permission, please contact the manufacturer.