

DMX DECODER | 4 CHANNEL



CODE
BL-PC-LT8205A

OUTPUT CURRENT	MAX. LOADING	VOLTS
	100W	5V DC
4 × 5A channels (20A)	240W	12V DC
	480W	24V DC
DIMENSIONS	W44 x L175 x H30mm	
HOUSING	PVC casing	
MOUNTING	2 x mounting tabs	
WARRANTY	5 years	
COMPLIANCE		
OPERATING TEMP.	-30°C ~ +55°C	
INGRESS PROTECTION	Indoor use only	
CONNECTION METHOD	Concealed screw terminals	
CONTROL	DMX512 signal	
MAX. DISTANCE FROM POWER SUPPLY	Recommended under 10 metres For specific projects contact Bright Light	

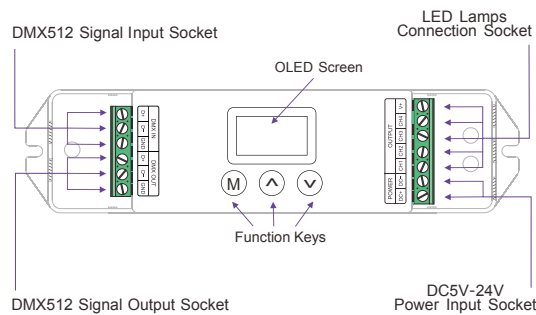
FUNCTION

- DMX control for single colour, Tuneable white, RGB, and RGBW LED ribbon strip or other constant voltage luminaires
- Ideal for working with small or existing lighting installations

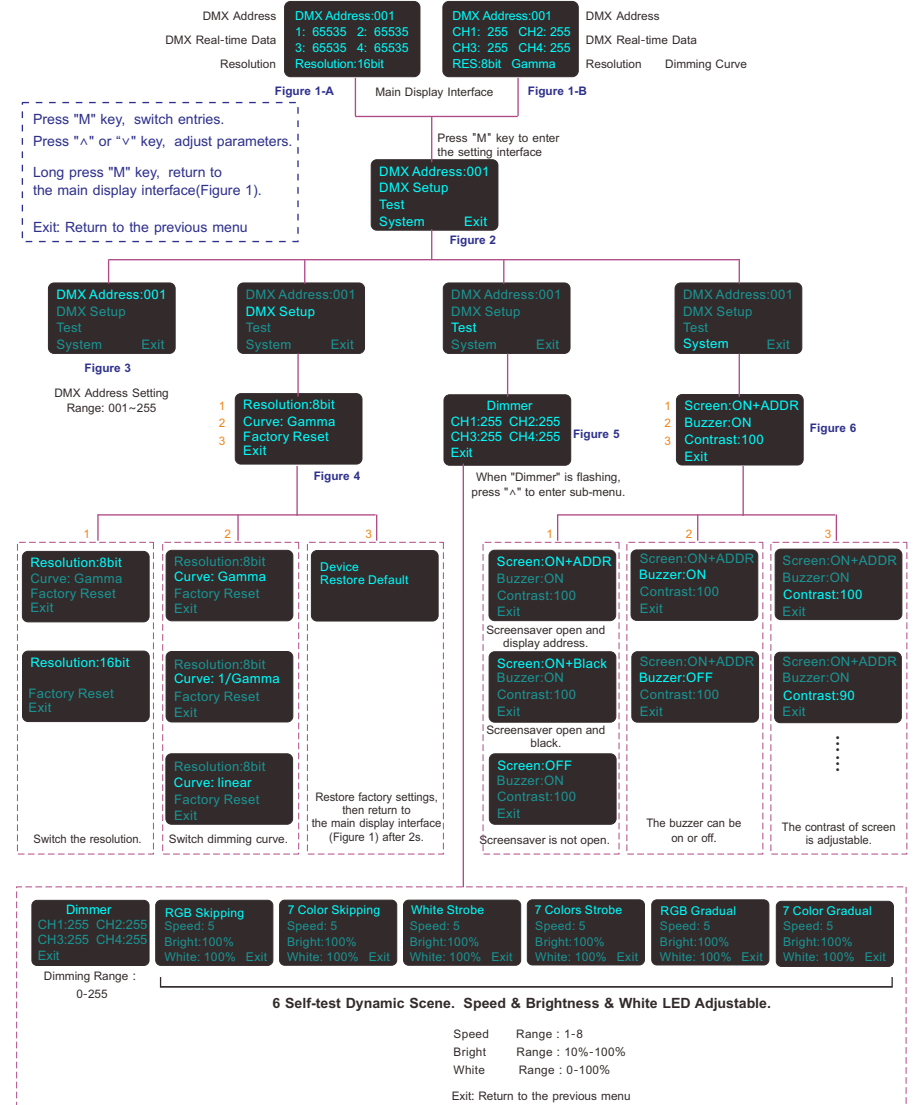
DIMENSIONS



DETAIL DIAGRAM



OLED SCREEN INTERFACE DIAGRAM

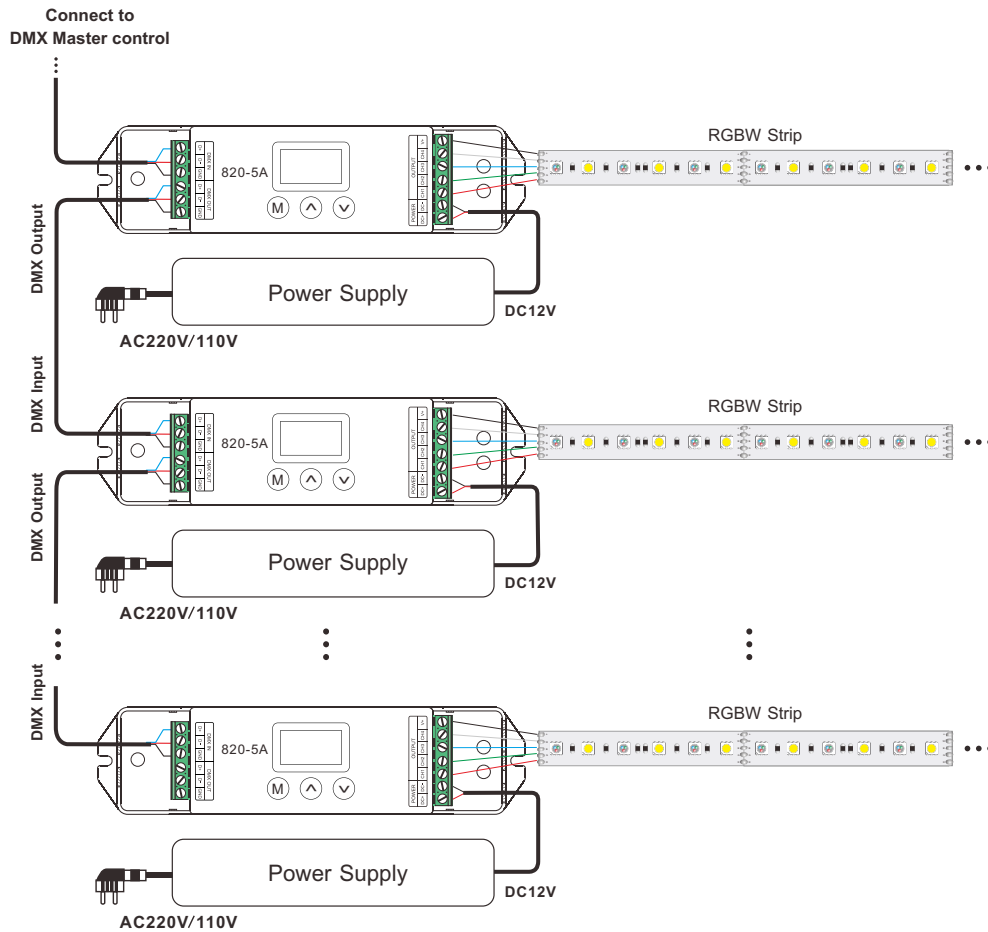


LT-820-5A will run the test scenes only when you enter "self-test" interface.

Screensaver enable time: undo for 2 min in the main display interface (Figure 1).

[Restore the default parameters] : In the main display interface(Figure 1) , Long press "M"/"▲"/"▼" 3 keys simultaneously, LT-820-5A will restore the default parameters, and the screen display"Device restore default" for 2s, then it will return to the main display interface (Figure 1)

WIRING DIAGRAM FOR MULTIPLE UNITS

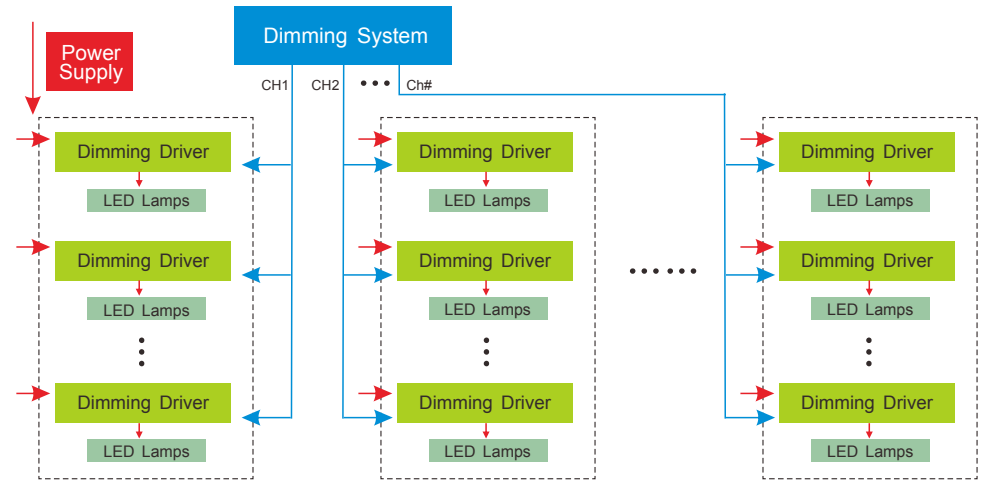


LED VOLTAGE

This controller can wire to the LED lamps with a voltage range from DC 5~24V if the input voltage equals the output voltage, for example:

- A lamp with 5V working voltage, use 5V power supply
- A lamp with 12V working voltage, use 12V power supply
- A lamp with 24V working voltage, use 24V power supply

SYSTEM CONNECTION DIAGRAM



ATTENTION:

- The product shall be installed and serviced by a professional electrician.
- This product is not waterproof & cannot be installed outdoors, use IP65 box if required for outside use.
- Good heat dissipation on will prolong the working life of the repeater, please ensure good ventilation.
- Please check the output voltage of any power supply used complies with the working voltage of the LED product used.
- Ensure an adequate sized cable is used from the controller to the LED lights to carry the current, please also ensure the cable is secured tightly in the connector.
- Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- If a fault occurs please return product to your supplier. Do not attempt to fix this product yourself.