

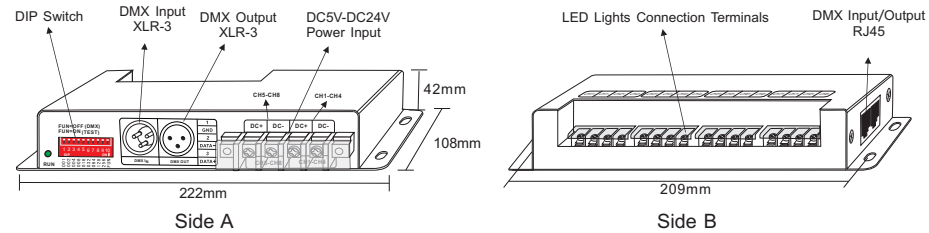
8 × 6A DMX DECODER



CODE
BL-PC-LT898

OUTPUT CURRENT	MAX. LOADING	VOLTS
	240W	5V DC
8 × 6A channels (48A)	576W	12V DC
	1152W	24V DC
DIMENSIONS	W108 × L222 × H42mm	
HOUSING	Aluminium casing	
MOUNTING	2 × mounting tabs	
WARRANTY	5 years	
COMPLIANCE		
OPERATING TEMP.	-30°C ~ +65°C	
INGRESS PROTECTION	Indoor use only	
CONNECTION METHOD	Screw terminals, RJ45, XLR-3	
CONTROL	DMX 512 signal from automation system	
MAX. DISTANCE FROM POWER SUPPLY	Recommended under 10 metres For specific projects contact Bright Light	

CONFIGURATION DIAGRAM



HOW TO SET THE DMX ADDRESS VIA DIP SWITCH

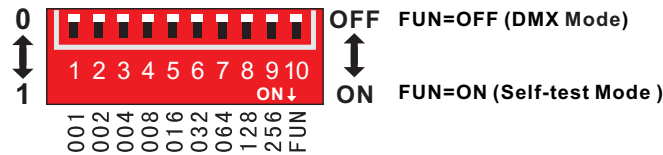
1) Set DMX512 Original Address:

Accept DMX512 signal only when the DIP switch FUN=OFF, as Figure 1

DIP	1	2	3	4	5	6	7	8	9	10
Address	001	002	004	008	016	032	064	128	256	FUN

Specification

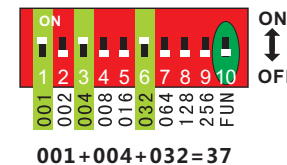
DMX512 initial address code is equal to the total amount of the DIP switches' number from 1 to 9, press DIP switch downward(ON: at position : "1"), user can get the number of its position, if pressing upward(at position "0"), the number of its position is 0.



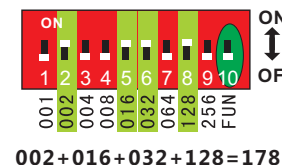
Example1: Set Initial Address To 32



Example2: Set Initial Address To 37



Example3: Set Initial Address To 178



* When Dip switch 1-9 are OFF, the initial DMX address defaults to 1.

FUNCTION

- DMX control for single colour, Tuneable white, RGB, and RGBW LED ribbon strip or other constant voltage luminaires
- Recommended for use on large lighting projects

ATTENTION:

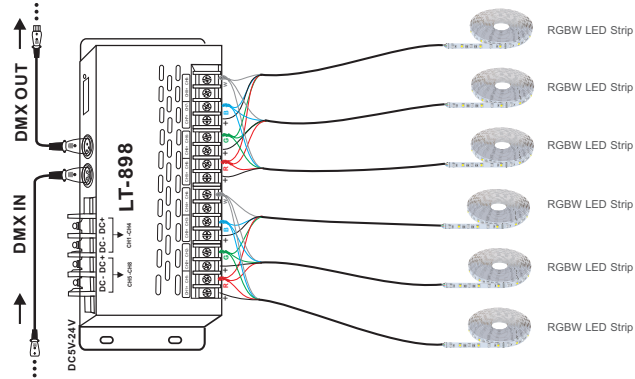
- The product shall be installed and serviced by a professional electrician.
- This product is not waterproof & cannot be installed outdoors, use IP65 box if required for outside use.
- Good heat dissipation will prolong the working life of the repeater, please ensure good ventilation.
- Please check 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.

2) Testing Function:

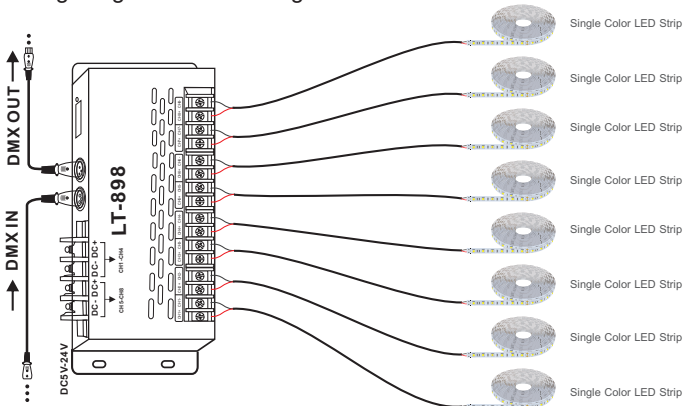
Regarding the dip switch, turn on 10th for testing mode. No.1-8 control 8 Channels accordingly. No.9 is for brightness option, 100% or 50%, which applies for all channels.



CONNECTION DIAGRAM



2) Connecting Single Color LED Lights:



3) DMX Console Connection:

