

LTECH



LED Decoder DMX 4x6A - LT-840-6A

22704

Datasheet

www.ltech-led.eu | ©2020 | Ltech Europe | All Rights Reserved.

Technical Specs

General	
Product Type	Constant Voltage Driver
Length (mm)	156
Width (mm)	78
Height (mm)	40
Housing Color	Matte Black
Housing Material	Metal
Mounting	Surface mounted
Weight (g)	435
Electronics	
Input Domain	DC
Input Voltage	5 ~ 24V DC
Output Voltage	5 ~ 24 V DC
LED Output Current (max per o	6000
Output Current Max. (A)	24
Output Power (W)	120W @ 5V, 288W @ 12V, 576W @ 24V
Power Supply	N/A
LED Outputs	4
Lighting	
Color Range	RGBW
Control	
Output Signal	PWM-CV
Control	DMX
RDM Support	Yes
Dimming Range	0~100%
Dimming Curve	Linear
Driver Configuration	Dip Switches
Number of Channels	4
Wiring	
Wire Strip Length	5mm
Wire Type	2.5mm ²
DMX Socket	RJ45, XLR-3, Screw Terminal
Protection	
Reverse Polarity	Yes
Environmental	
Operating Temperature	-30 ~ 65 °C
Ingress Protection	IP20
Environment	Indoor

2014/30/EU Electromagnetic C EN55022:2006+A1:2007,
 EN61000-3-2:2006+A2:2009,
 EN61000-3-3:2008, EN55024:1998+
 A2:2003

ETIM Classification EC002924 Controller for
 luminaires

HS Code 8543709099

Country of Origin People's Republic of China

Regulations

Approvals

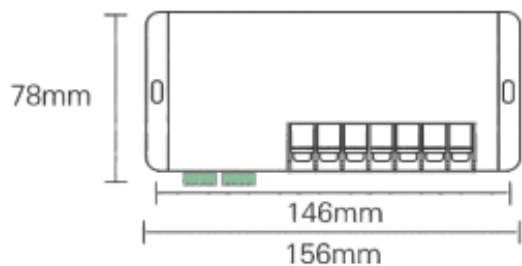
CE	√
FCC	FCC Part 15:2009



Order information

Code	Description
22704	LED Decoder DMX 4x6A - LT-840-6A

Technical Drawings

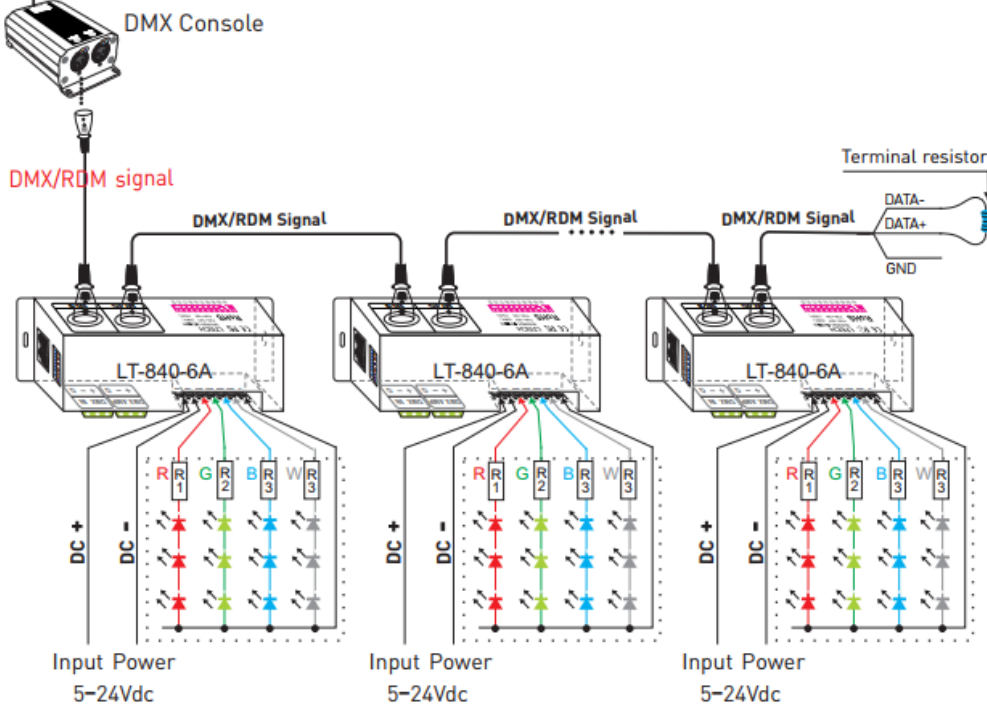


Wiring Diagrams

5.1 Decoder can be connected to a variety of standard DMX512 devices:

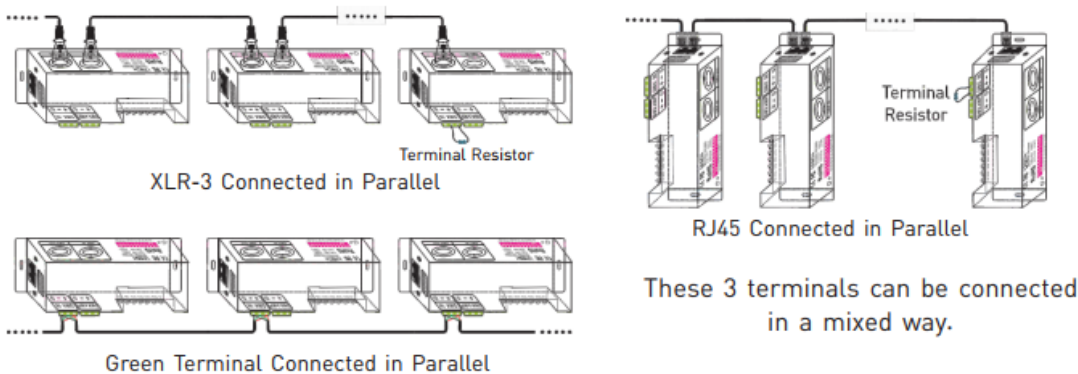


LT-840-6A is equipped with 3 types DMX terminals for users' selection. The diagram takes XLR-3 terminal as a example, same connecting method for the rest two: green terminal (with amplifier function) & RJ45 terminal.

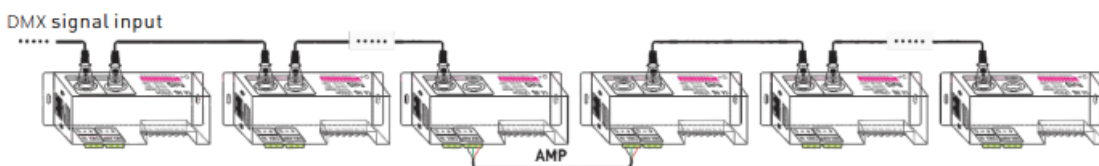


- * An amplifier is needed when more than 32 decoders are connected, signal amplification should not be more than 5 times continuously.
- * If the recoil effect occurs because of longer signal line or bad line quality, please try to connect 0.25W 90-120Ω terminal resistor at the end of each line.

5.2 The connection diagram of three DMX terminals:



5.3 The connection diagram of AMP signal amplifier terminal:



Related Products

Product name

LED Strip 5m RGBW 2700K

[See Online](#)

LED Converter V+/ V- - LT-3637

[See Online](#)

