

8 Ways DMX Signal Splitter

Model No.: GDMXSP08

Input and output optical isolation/Eight independent outputs/DMX512 compatible



CE RoHS LVD

Features

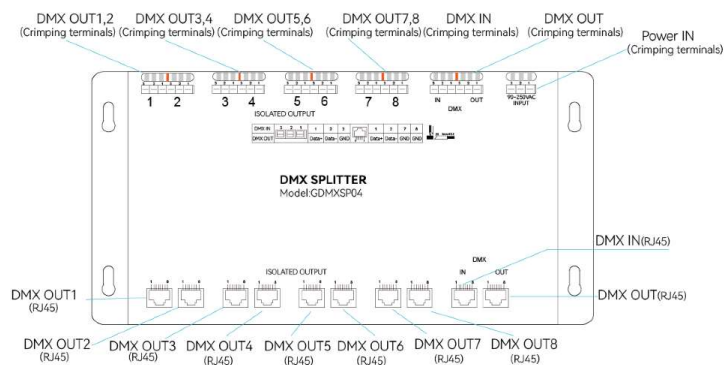
- One DMX512 signal input, repeat eight ways DMX512 signal output, each allowing for 170 DMX devices to be connected.
- Dedicated to amplify, distribute and insulate the signal that comes from the lighting system equipment when it is connected to the bus of DMX512.
- High voltage isolation technology adopted for input/output interface, applied to DMX512 signal shaping and amplification after long distant transmission.
- Electrical insulation between input and output terminals, output terminals among channels
- Input isolated from outputs to 1000VDC.
- Outputs are isolated from each other to 1000VDC.
- Crimping terminal/RJ45 terminals input for input and output sides.
- Working with AC90-250V directly.

Technical Parameters

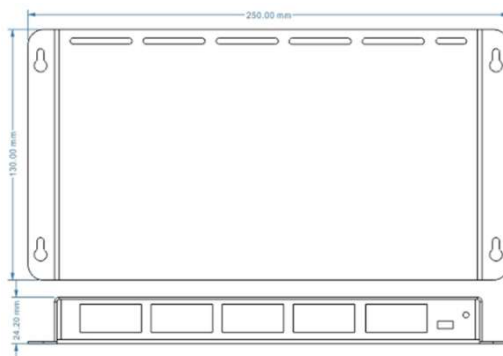
Input and Output	
Input voltage	90-250VAC
Input signal	1×DMX512/1990
Output Signal	DMX512/1990×8CH
Isolation Output	>1000V
Connectors	Crimping terminals/ RJ45 terminals

Environment	
Operation temperature	Ta: -30°C~70°C
IP rating	IP40
Dimension and Weight	
Production Dimension	L250×W130×H24mm
G.W	935g

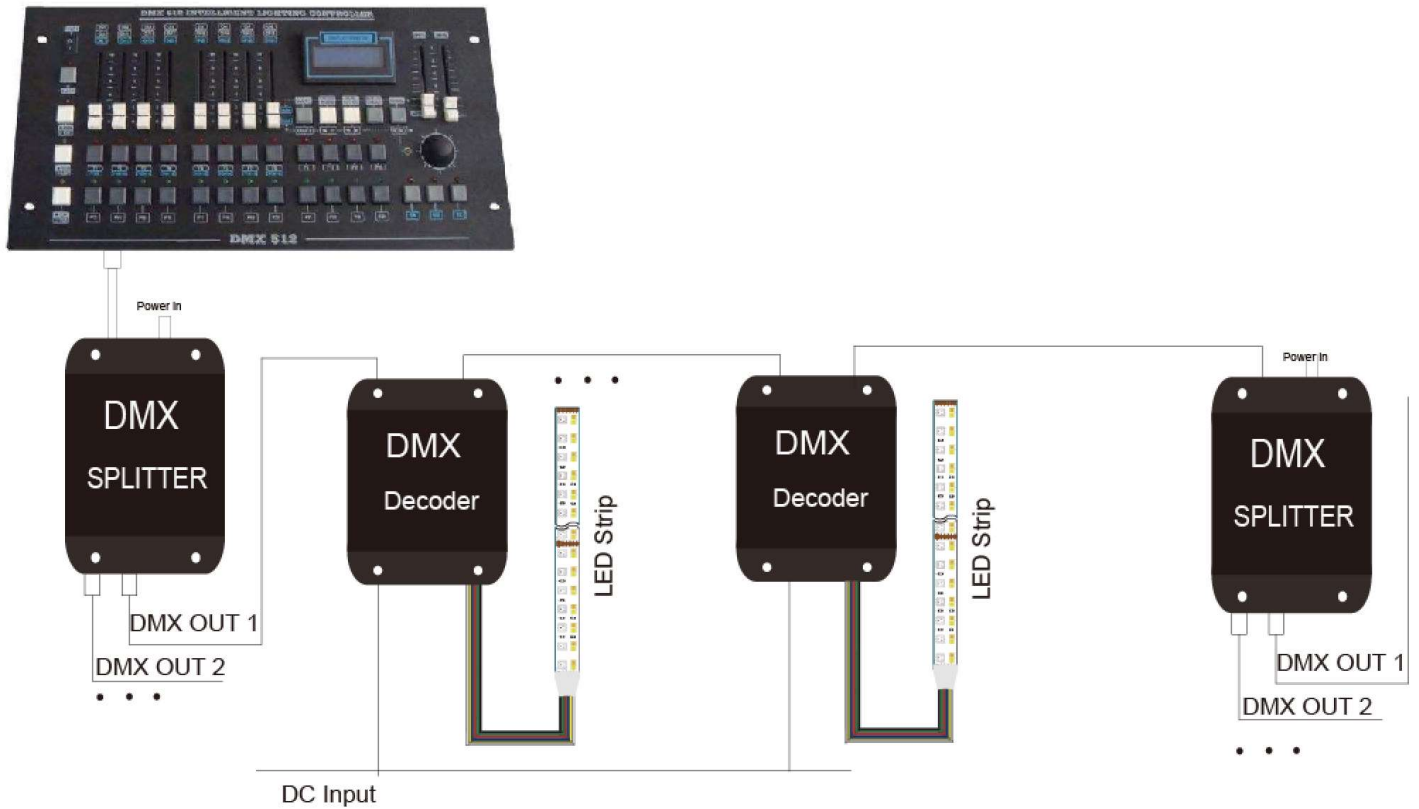
Mechanical Structures and Installations



Dimension



Wiring Diagram



Note:

1. DMX signal cable is three core shielded signal cable, the signal cable with positive, negative, when connect the DMX signal terminals pls pay more attention to the polarity.
2. When connect the decoder, please make sure to the corresponding positive, negative and GND.
3. The cable between splitter and decoders should not over 300meters.
4. Each output is capable of driving 170pcs additional DMX512 decoders.
5. An additional splitter must be added after 32pcs decoders. Cascade connection must not more than 4 PCS.