

## **SPLITTER D8**

## **USER MANUAL**



**Made in China**

**Please read this user manual carefully before using this  
product!  
Keep it for further reference**

## 1. Introduce

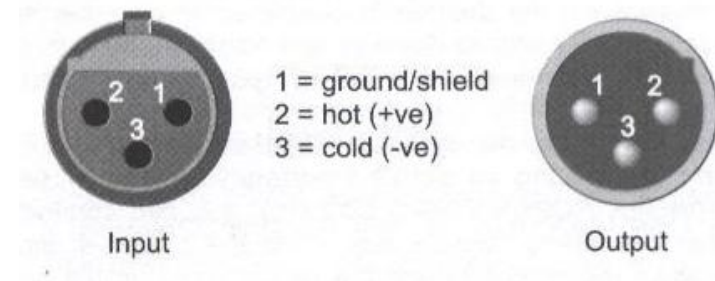
The 8-channel signal distribution amplifier is used for the relay, distribution, and amplification of DMX512 signals. Each input and output port employs optical isolation technology, with each power supply being completely independent. This ensures that all interfaces have distinct electrical isolation characteristics, thus preventing damage to control equipment due to surge voltage impacts in engineering applications.

## 2. Main performance features

- Fully compliant with DMX-512 (1990) specification
- Each channel is powered by an independent power supply and the channels are isolated by photoelectric technology, the input is isolated from the output >1000V DC and the outputs are isolated from each other >1000V DC to truly achieve independent output, greatly improving the anti-interference ability and protecting the safety of the equipment.
- Use photoelectric isolation technology to protect the control panel from damage caused by external power supply voltage or surge voltage impact.
- Each amplifier has a set of standard DMX512 signal input, 1 direct output and 8 optically isolated outputs, and both have input and output indicators.
- Light signal divider and amplifier, or another common name is light signal amplifier. This is a specialized device to amplify the signal on each channel, helping the stage light control device to easily control independent groups of lights
- With a capable splitter, you can send audio to multiple locations and control the signal amplitude from a central device. The KALE SPITTER distribution splitter is an audio splitter that uses ultra-low noise servo-balanced line level inputs for a clean, clear audio path. You also have separate A and B link output connectors to connect multiple SPLITTER units or send your input signal to a FOH mixer or other distribution point.
- Input and output meet RS-485 standard

## 3. Connection mode

- The DMX512 signal input is connected to the DMX IN pin seat and output from the DMX OUT pin seat.
- Up to 32 DMX loads can be connected in parallel at each output port.
- If you encounter problems or questions that cannot be solved, please contact the company headquarters or agent.
- Signal seat : 1 signal ground, 2 signal hot (+), 3 signal cold (-)



## 4. Specifications

Type	SPLITTER
Channels	8
Input	3-pin XLR input and a passive loop
Output	The output of the DMX splitter is 8 isolated lines
Power supply	AC 90-240V 50Hz / 60Hz, 15W
Structure	1U 19 inch