

# DMX108

## DMX DISTRIBUTOR

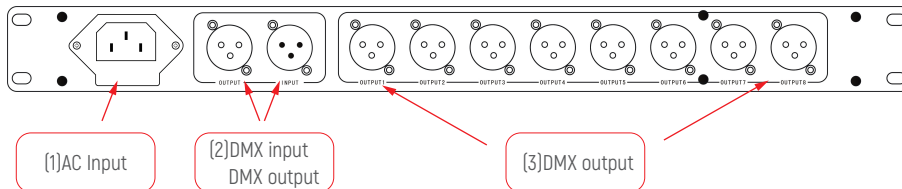


DMX-8(or DMX-4) Splitter is a DMX512 distribution amplifier It is specially designed for connection of DMX receivers (dimmers, color changers, moving lights,etc.) in a star configuration. DMX-8(or DMX-4) can surmount the restriction that single RS485 can only connect 32 sets of equipment. The multiple output optically isolated DMX512 distribution amplifiers have become necessary in many DMX512 systems. DMX-8(or DMX-4) provide total electrical ground isolation between different branches of the star. This greatly decreases problems with ground loops. DMX-8(or DMX-4) amplifies and refits the DMX signal, that it makes the DMX data transmission more reliable.

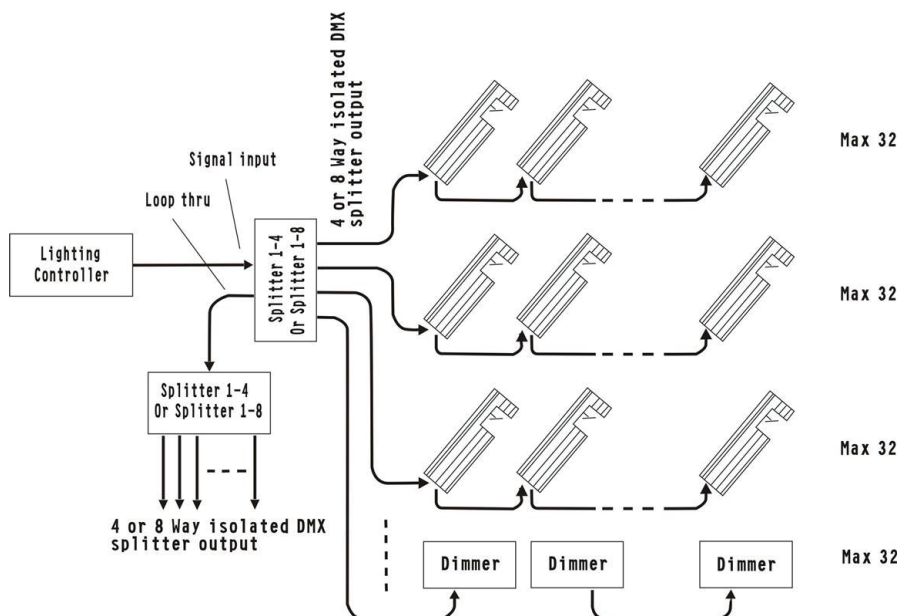
### Technical Specifications

- Fully compliant to DMX-512 (1990) specification.
- Inputs and outputs are true RS-485 rated.
- 3 pin XLR input and a passive loop through.
- 8 or 4 way isolated DMX splitter output.
- Input isolated from outputs over 1000VDC.
- Outputs are isolated from each other over 1000VDC.
- Power supply, 90-240VAC 50Hz / 60Hz , 15W .
- 1U high 19 inch rack mount construction.

### Diagram



### APPLICATION EXAMPLES



# DMX108

## DMX 信号分配器

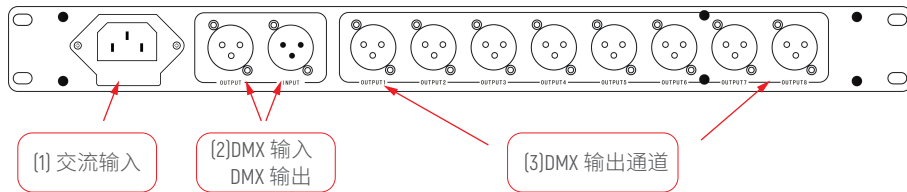


DMX-8 (或DMX-4) 数码信号分配放大器专用于对DMX512数码灯光控制信号进行整形放大和8 (或4) 路分配输出, 各输入接口采用高压隔离技术, 适用于DMX512信号经距离传输衰减后的整形放大处理, 以及各分配输出接口之间、输入接口与各分配输出接口之间需要完全的电气隔离的使用场合。由于各个接口之间互相独立隔离, 因此可以避免因控制线路、电脑灯、硅箱等问题而烧毁精密的数码灯光控制台, 确保数码灯光控制台的安全运行, 同时也保证DMX信号能正常传送至各种灯光设备, 从而提高整个数码灯光控制系统的可靠性。

### 技术参数

- 数码信号类型: DMX512, 以及采用RS-485接口传输的数码信号
- 1路信号输入, 1路直通信号输出 (信号输入与直通信号之间有电气隔离)
- 8(或4)路经电气隔离的信号分配输出
- 接口类型: RS-485
- 信号连接插座: 输入XLR-3-M, 输出XLR-3-F
- 输入对输出的电气隔离耐压: >AC300V
- 供电电源: AC90V-240V, 50Hz / 60Hz, 15W
- 尺寸: 484\*45\*140mm 19"1U
- 重量: 1.9kg

### 面板示意图



### 应用示意图

