

DMX104(ST-4)

DMX Splitter

Summary

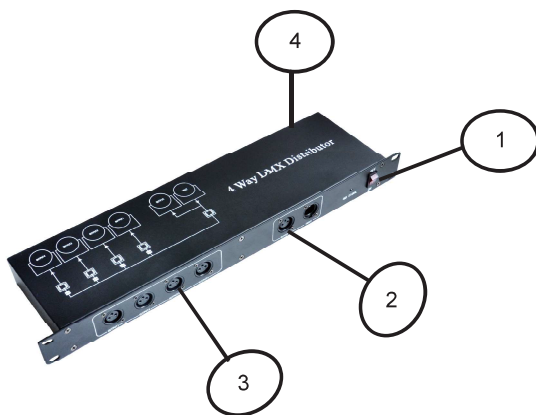
DMX104 is a digital signal splitter. It dedicated to the DMX512 digital lighting controller signal shaping and amplification, It adopts the high voltage isolation technique in various in-out interfaces. That is to say it doesn't only apply to be as the processing amplifier while the DMX 512 signal attenuation due to the remote data transmission, but also it can be used in which the various in-out interface need to be electric isolated. Since the various interfaces are isolated by each other, which is easy to avoid the control system damage caused by the control wiring, digital dimmer.etc and make the control system work well. And also it made sure the DMX signal is in regular transmission so that the reliability of the whole control system was raised.



Technical

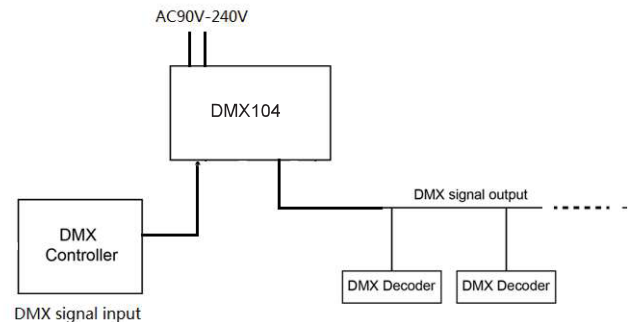
Signal Mode: International standard DMX512 signal,
 Input signal interface: three-pin gold-plated XLR male and female sockets parallel
 Output signal interface: three-pin gold-plated XLR female sockets parallel
 1 Channel for signal input, 4 Channel signal output through electric isolation
 Input Power: 90V-240VAC
 Frequency:50HZ-60HZ
 Product Size: 483(L)*255(W)*45(H) mm
 G.W: 1450g

Interface introduction



- (1) Power ON/OFF.
- (2) DMX signal input interface
- (3) DMX signal output interface,
- (4) Power input interface: 90-240VAC

Connection



Using instruction

- 1) Click on the map as shown in wiring, DMX104 output signal for the isolated places.
- 2) The wire for DMX is STP, the DMX signal has positive and negative signal. Pay attention to the polarity while soldering. Connect the positive signal, negative signal and GND to the corresponding signal of device.
- 3) DMX signal transmission in the case of load, please add a splitter in the distance of 40m-50m. (Specifically to see the live installation).

DMX104(ST-

概述

DMX104数码信号分配器专用于对 DMX512 数码灯光控制信号进行整形放大，输入输出接口采用高压隔离技术，适用于 DMX512 信号经远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。



传输信号：国际标准DMX512信号

接口类型：输入信号接口采用三芯镀金卡侬公座母座并接，输出信号接口采用三芯镀金卡侬母座。

输入电源：90-240VAC

频率：50Hz/60Hz

产品尺寸：483(长)*255(宽)*45(高)毫米

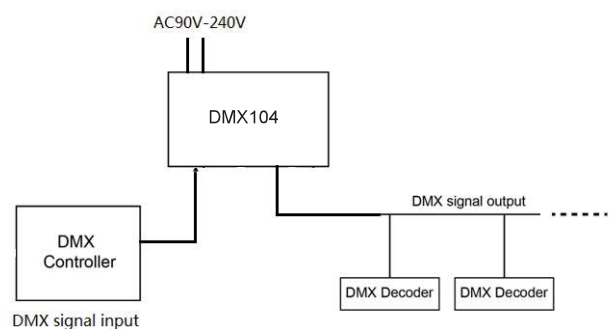
毛重：1450g

接口介绍



- (1) 电源输入开关键
- (2) DMX信号输入端口
- (3) DMX信号输出端口
- (4) 电源输入端口90-240VAC

应用方框图



使用说明

- 1) 按上图所示布线，DMX104为隔离地输出信号。
- 2) DMX接线为直连式，DMX信号有正信号和负信号。接线时要注意极性，将正信号、负信号和接地信号连接到设备相对应的接口。
- 3) DMX信号传输在带载的情况下，请将于40m-50m距离加一个。（具体看安装实况）。