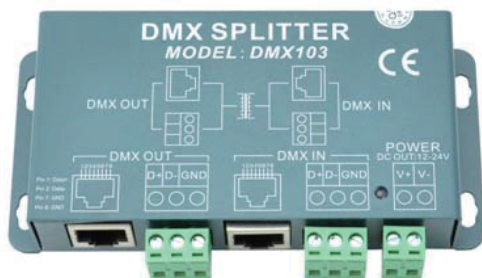


## DMX Splitter : DMX103



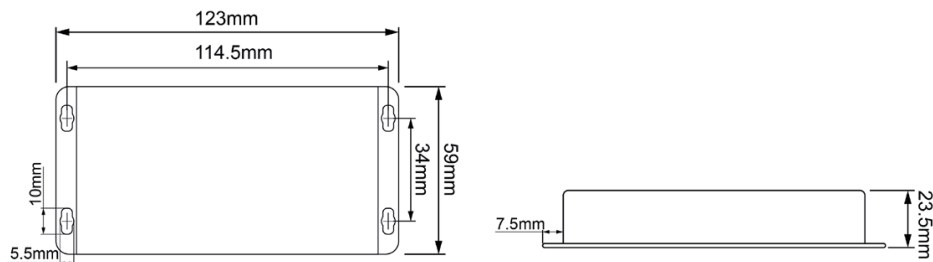
### Product Overview

DMX103 is a digital signal splitter. It dedicated to the DMX512 digital lighting controller signal shaping and amplification, and 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 DMX512 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.

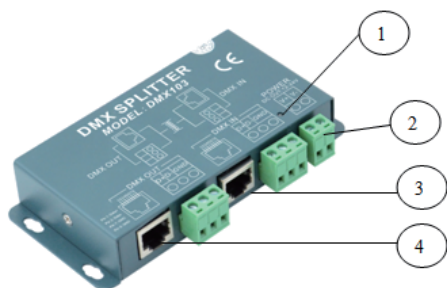
### Technical Parameters

Signal Mode:	DMX512 (1990) and the various signal transmitted by RS - 485 interface 1 Channel for signal input, 1 Channel signal output through electric isolation
Interface mode:	RS - 485
Signal Input Socket:	RJ45 or Connector
Input voltage:	12V - 24VDC
Product Size:	123(L)*59(W)*23.5(H) mm
Pack size:	309(L)*256(W)*129(H) mm, 50pcs/11.8kg/carton
G.W:	220g

### Dimension

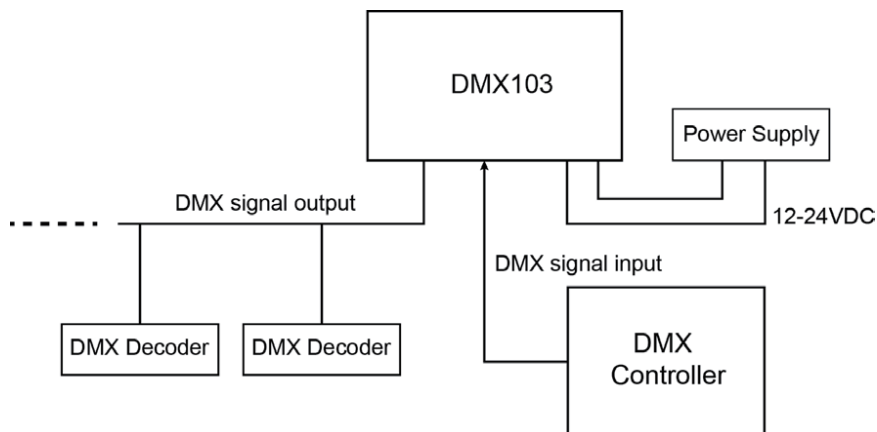


## Interface Introduction



- (1) LED indicator: Power on, LED indicator light;  
Entering DMX signal, LED light flicker.
- (2) Power input interface: 12 ~ 24VDC
- (3) DMX signal input interface
- (4) DMX signal output interface

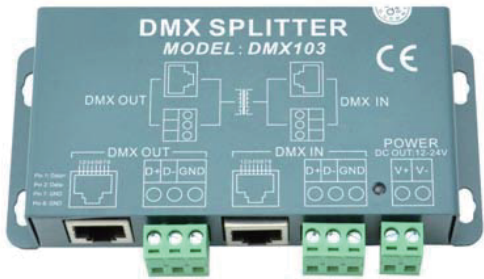
## Connection



## Using instruction:

- (1) Click on the map as shown in wiring, DMX103 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 distance of 300m (ultra five types of network cable test distance).

# DMX信号放大器:DMX103



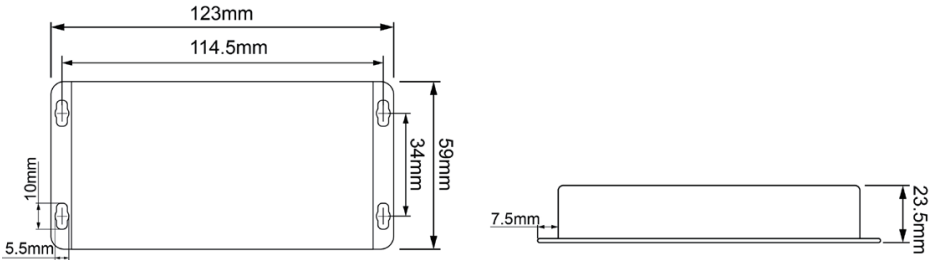
## 产品概述

DMX103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,各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。

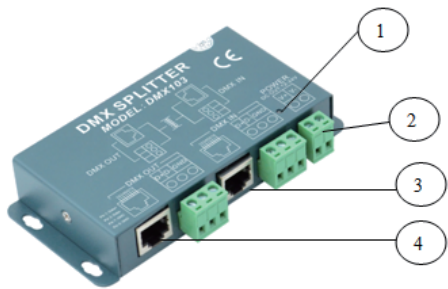
## 技术参数

- 传输信号: DMX512 (1990) 以及采用RS-485接口传输的各种数码信号1 路信号输入,1 路经电气隔离的信号输出
- 接口类型: RS-485
- 信号连接插座: RJ45/Connector
- 供电电源: 12V-24VDC
- 产品尺寸: 123(长)\*59(宽)\*23.5(高)毫米
- 包装尺寸: 309(长)\*256(宽)\*129(高)毫米, 50pcs/11.8kg/箱
- 毛重: 220克

## 产品尺寸图

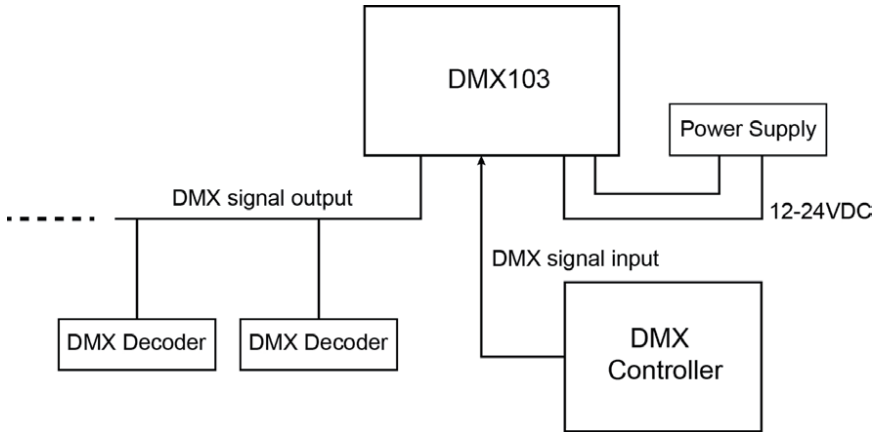


接口介绍



- (1) LED指示灯:接通电源,LED灯亮;有DMX信号时,LED灯闪烁
- (2) 电源输入端口: 12-24VDC
- (3) DMX信号输入端口
- (4) DMX信号输出端口

应用方框图



使用说明:

- (1) 按上图所示布线,DMX103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300m(超五类网线测试距离)距离加一个。