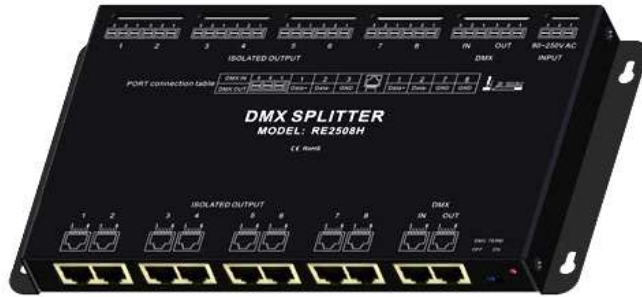


# DMX512 signal Amplifier & Splitter

Model:RE2508DC



CE RoHS

## Features

\*RE2508H digital signal distributor is used to DMX512 digital lighting control signal for amplification and 8 channels distribution output, each input/output interface adopts high voltage isolation technology, applied to DMX512 signal via remote transmission attenuation after the plastic amplification processing, as well as various distribution output interface, between input interface and the distribution between output interface to complete electrical isolation use occasion. As a result of each interface between independent isolation, and it can be avoided by controlling circuit, scanner, silicon box problems and burned precision digital light console, to ensure the safe operation of digital light console, at the same time also guarantee DMX signal can normal transfer to all kinds of lighting equipment, so as to improve the whole digital lighting control system reliability.

\*Signal types: DMX512, and the RS-485 interface of various digital signal transmission.

\*Signals connected socket: RJ45, and 3 PIN pressure buckle terminals.

\*Output RJ45, 3 PIN pressure buckle terminals.

\*Input to output, output to output electrical isolation pressure: > 1000V.

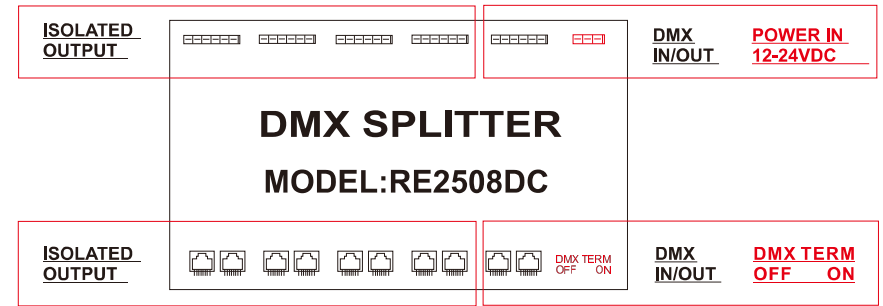
## Specification

Model:	RE2508DC	Output Channel:	DMX512/1990*8CH
Input Voltage:	12-24VDC	DMX IN/OUT:	RJ45/Pressure terminal
Singal:	DMX512/1990	Isolation:	>1000V
Power supply power consumption power:	<1.5W		
Temperature:	-30°C~70°C	Protection grade:	IP40
Weight:	750g	Product size:	L250*W130*H24(mm)

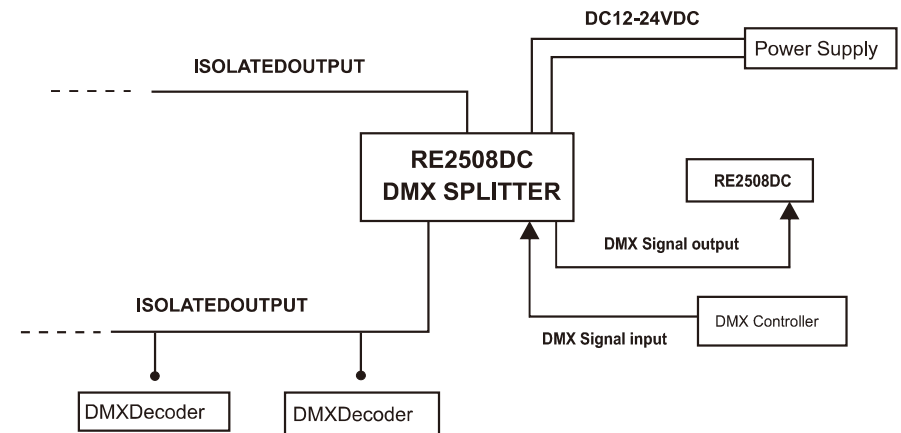
## Product size



## Operation



## Wiring



The power input terminals, DMX signal input/output: 3 PIN terminal , RJ45 interface.

## DMX-512 control signal connection

1. DMX signal cable is made of twisted pair (line), DMX signal includes positive and negative end, in pressure welding DMX signal line plug should pay special attention to polarity. DMX512 controller output signal positive, signal negative, signal ground with DMX decoder input interface corresponding connection.
2. DMX master output and DMX Decoder transmission lines can't be over 300 meters.
3. DMX master each interface can be with 512 DMX channels. Eight outputs interface. Through the DMX Control Lighting Software can with computer on line control. Realize infinite contact the DMX lights.
4. When contacting 32 DMX Decoder, DMX signal must add a signal amplifier and splitter . Cascade can't more than 4 PCS.