



# DMX SPLITTER



**CA-DS14**

**CA-DS18**

## **User Manual**

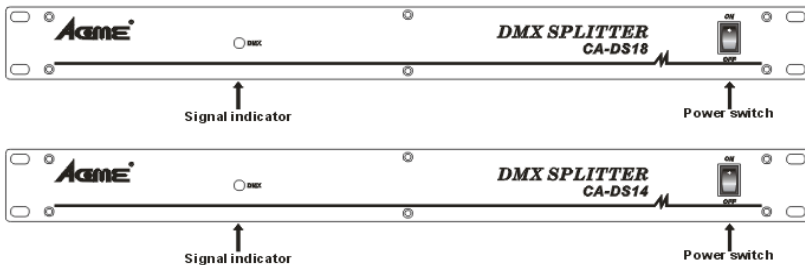
Please read the instructions carefully before use

Acme CA-DS14 DMX Splitter is a DMX-512 distributor and amplifier. It's specially designed for connection of DMX receivers (Moving heads, color changers, dimmers, etc.) in a daisy chain configuration. Acme CA-DS14& CA-DS18 can overcome the restriction that single RS-485 can only connect 32 sets of lighting equipment. Nowadays, It's indispensable that multiple DMX-512 outputs optically isolated in many DMX controlled systems. CA-DS14 or CA-DS18 provides total electrical isolation between different branches in a daisy chain group. This greatly decreases problems with ground loops. CA-DS14&CA-DS18 will efficiently buffer and magnify the DMX signal that can make the DMX data transmission more accurate and reliable.

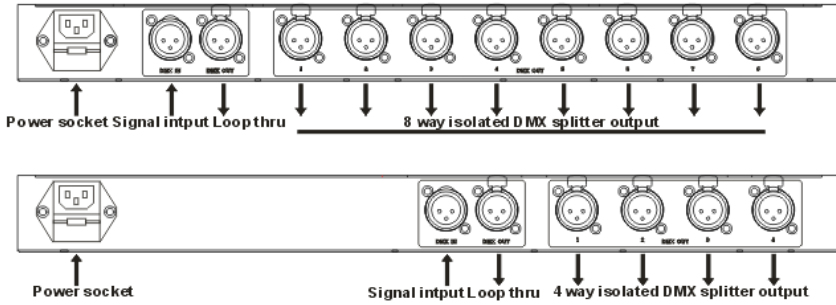
## 1. Features

- Fully controlled by DMX-512 (1990)
- Buffer, magnify, distribute DMX signal effectively
- 3 pin XLR input and a passive loop through
- 1 DMX input and 4 way / 8 way isolated DMX splitter output
- Input isolated from outputs over 2000V
- Outputs are isolated from each other over 2000V
- Power supply: AC 120V 60Hz / AC 230V 50Hz
- 1U 19" rack mount
- Dimension: 483 x 44.5 x 145 mm
- Weight: 2.3kg (CA-DS14)  
2.6kg (CA-DS18)

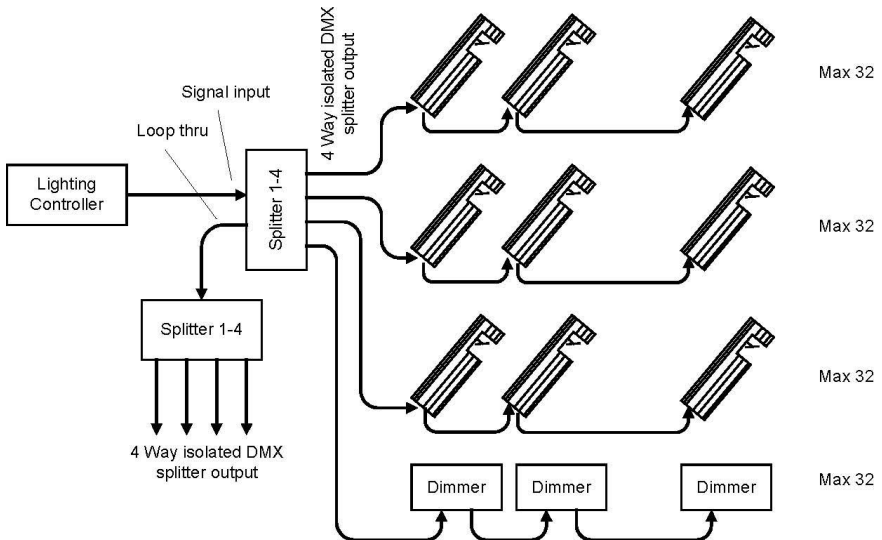
## 2. Front Panel



### 3. Back Panel



### 4. Application Diagram (CA-DS14):



# **Innovation, Quality, Performance**