

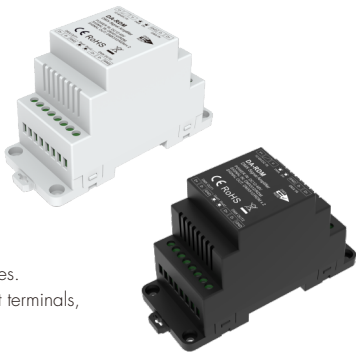
# DA-RDM

## DMX&RDM Signal Amplifier

DMX512

### Features

- One DMX512&RDM signal input, two DMX512&RDM signal output.
- Dedicated to amplify, distribute and insulate the signal that comes from the lighting system equipment when it is connected to the bus of DMX512&RDM(or RS-485).
- Realize extending DMX512&RDM signal transmission distance.
- Signals expansion output control, increase DMX&RDM (485) signal amplifier to distribute multi-channel control.
- Supports bi-directional communication for addressing and controlling RDM devices.
- Optical isolation between the input and output terminals, and between the output terminals, prevents damage to the device due to incorrect wiring, and also prevents signal interference between devices.
- Available in white or black.

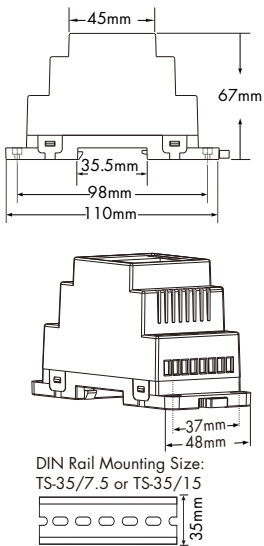
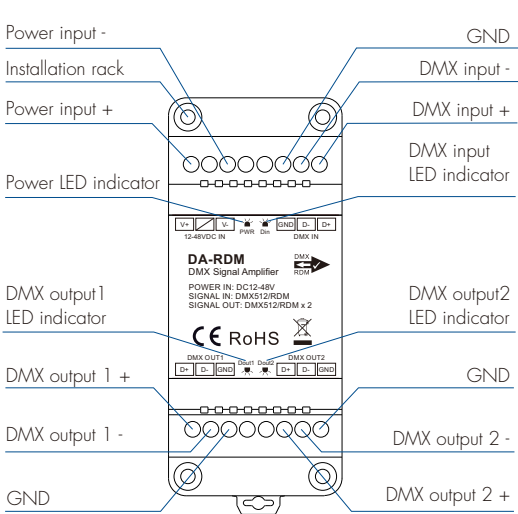


CE RoHS

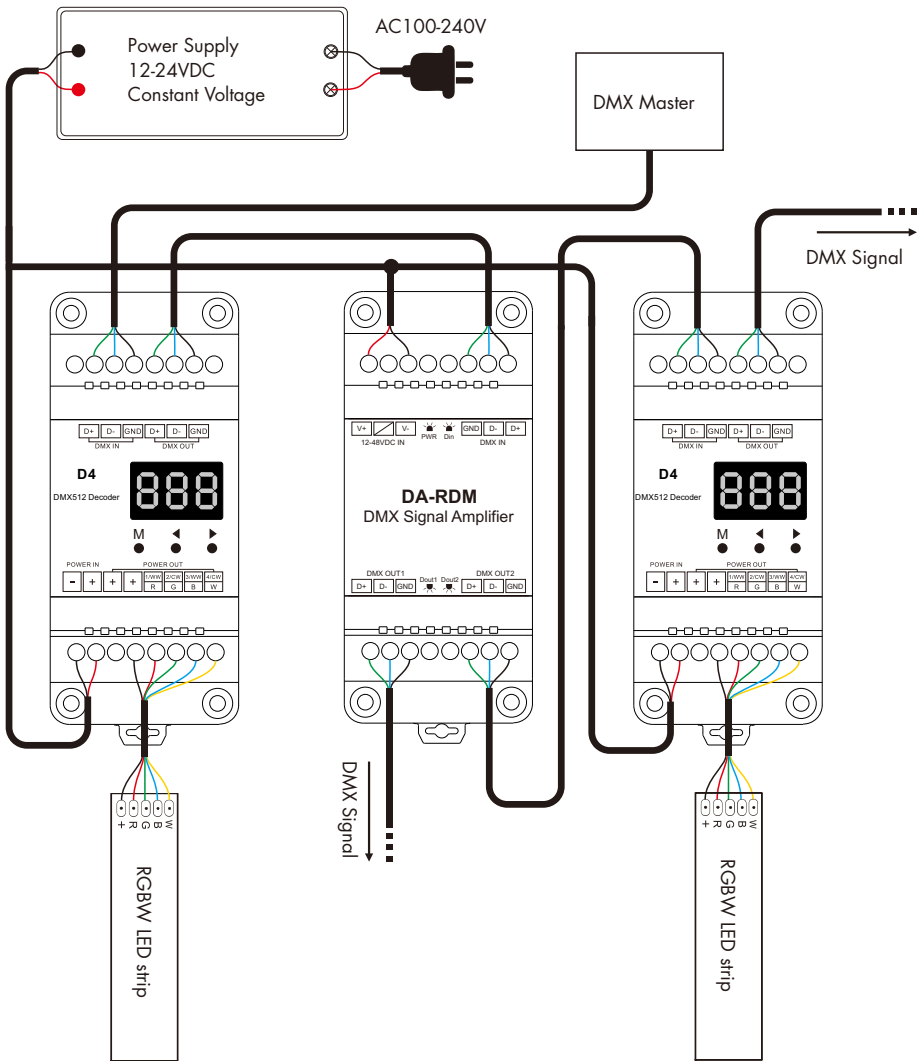
### Technical Parameters

Input and Output		Environment		Safety and EMC	
Input voltage	12-48VDC	Operation temperature	Ta: -30℃ ~ +55℃	EMC standard	EN 61347-1/-2
Input current	0.5A Max.	Case temperature(Max.)	Tc: +65℃	Safety standard	EN IEC 55015/EN IEC 61547 ETSI EN 301 489-1/-3/-17
Input signal	DMX512 & RDM	IP rating	IP20	Certification	CE RoHS
Output signal	DMX512 & RDM x 2	Warranty		Package	
		Warranty	5 years	Size	1120 x W78 x H55mm
		Protection	Reverse Polarity	Gross weight	0.127kg

### Mechanical Structures and Installations



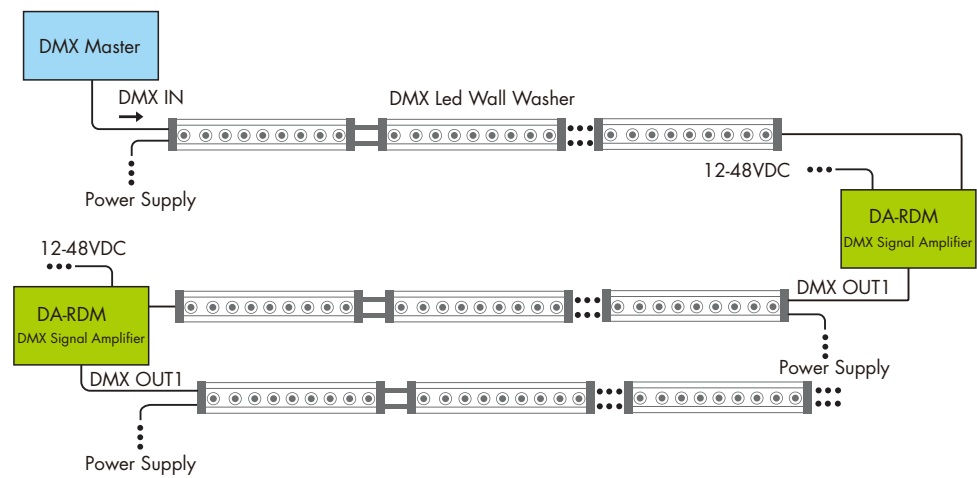
### Wiring Diagram



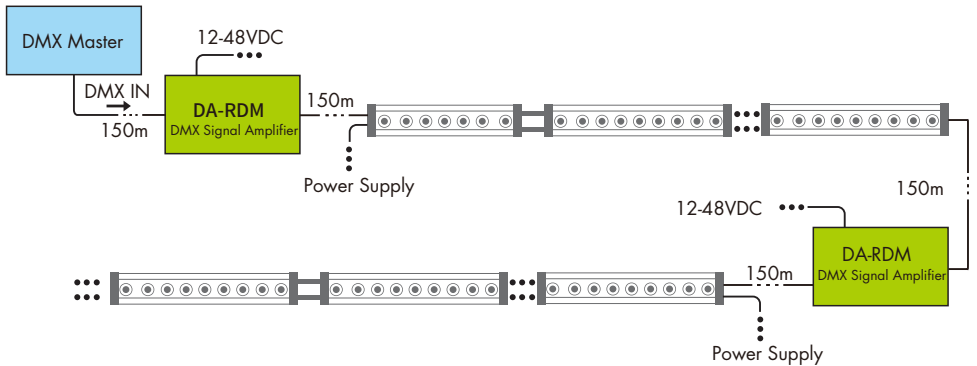
#### Note:

1. An DMX&RDM amplifier is needed when more than 32 decoders are connected, signal amplification should not be more than 5 times continuously.
2. If the recoil effect occurs because of longer signal line or bad line quality, please try to connect 0.25W 90-120Ω terminal resistor at the end of each DMX&RDM line.

A. The signal of many of DMX LED lights connection example:



B. The long distance of DMX signal example:



C. The distribution of DMX signal example:

