

4 Channels DMX/RDM Signal Amplifier

Feature

- One DMX512/RDM signal input, four 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).
 - Extend the transmission distance of DMX/RDM signals.
 - Supports bi-directional communication for addressing and controlling RDM devices.
 - The input terminal and output terminal are optically isolated from each other, and each output terminal is also optically isolated from each other.
- Avoiding damage to equipment due to incorrect wiring, also prevents signal interference between devices.
- 6 LED indicators for power in, DMX in and DMX output status.

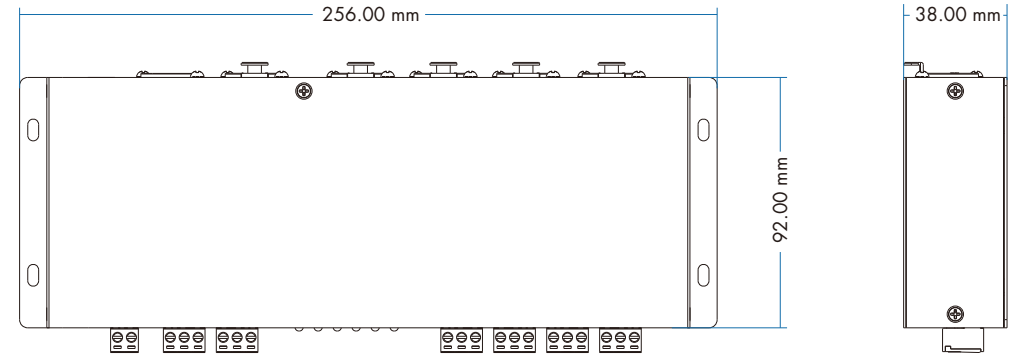
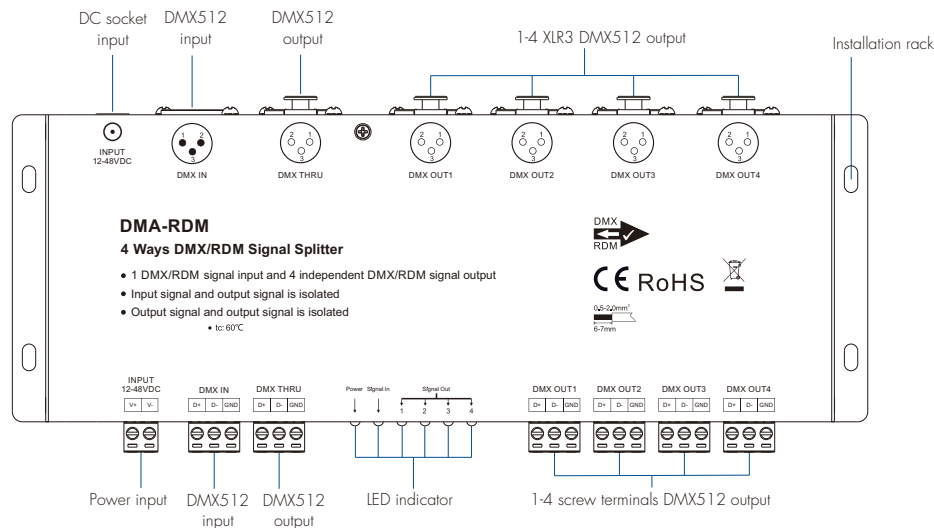


CE RoHS

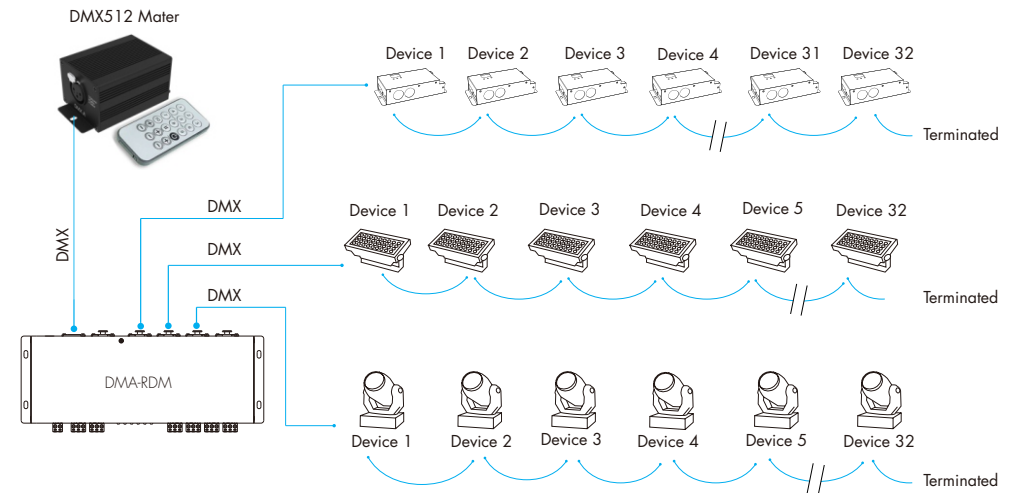
Technical Parameters

Input and Output		Environment	Safety and EMC/Warranty and Protection	
Input voltage	12-48VDC	Operation temperature	Ta: -20°C ~ +55°C	EMC standard
Input current	0.17A Max	Case temperature (Max.)	Tc: +60°C	EN IEC 55015 EN IEC 61547 ETSI EN 301 489-1/-3
Input signal	DMX512/RDM	IP rating	IP20	Safety standard
Output signal	DMX512/RDM x 4	Package		EN 61347-1/-2
			Certification	CE ROHS
			Warranty	5 years
		Size	L260 x W112 x H43mm	Protection
		Gross weight	0.75kg	Reverse Polarity

Mechanical Structures and Installations



Wiring Diagram



Note:

1. Other DMX512 devices can be connected via the DMX THRU port. If the DMX THRU port is not used, the DMX THRU port must be terminated with a termination resistor.
2. Up to 32 DMX512 devices can be connected to each output port, and the last DMX512 device must be connected to a termination resistor. The unused output outlets do not need to be connected to a termination resistor.
3. Termination Resistor: 0.25W 90-120Ω resistor is connected between D+ and D- at the end of each signal.