



SUNRICHER SR-2100AMP-RDM-8CH-3 8 Way RDM Enabled DMX Splitter Instruction Manual

[Home](#) » [SUNRICHER](#) » SUNRICHER SR-2100AMP-RDM-8CH-3 8 Way RDM Enabled DMX Splitter Instruction Manual 

Contents

- [1 SUNRICHER SR-2100AMP-RDM-8CH-3 8 Way RDM Enabled DMX Splitter](#)
- [2 8-Way RDM Enabled DMX Splitter](#)
- [3 Function introduction](#)
- [4 Product Data](#)
- [5 Safety & Warnings](#)
- [6 Wiring Diagram](#)
- [7 Product Dimension](#)
- [8 Documents / Resources](#)
- [9 Related Posts](#)



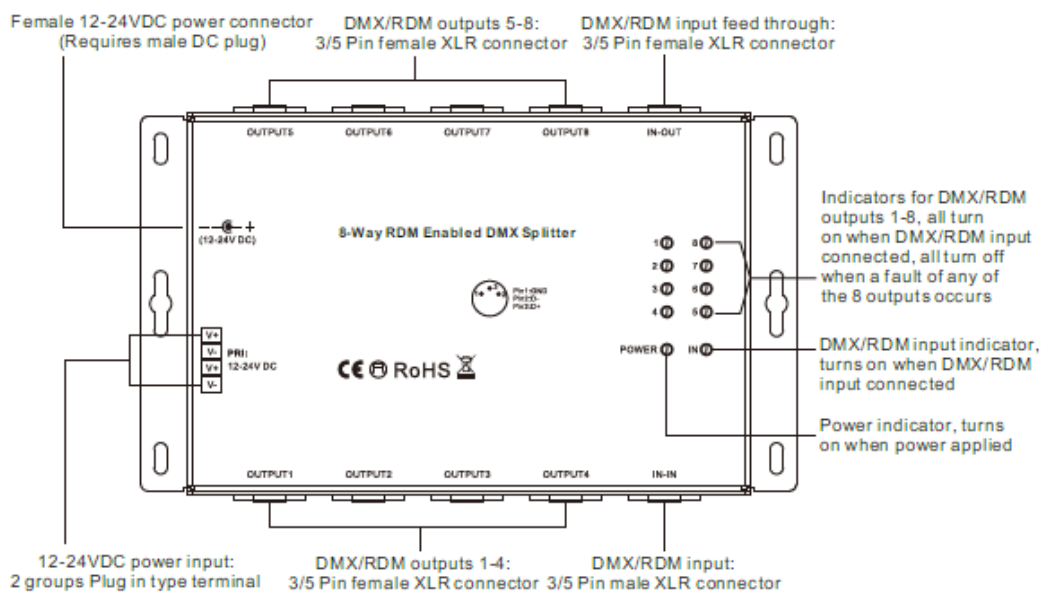
SUNRICHER SR-2100AMP-RDM-8CH-3 8 Way RDM Enabled DMX Splitter



8-Way RDM Enabled DMX Splitter

Important: Read All Instructions Prior to Installation

Function introduction



Product Data

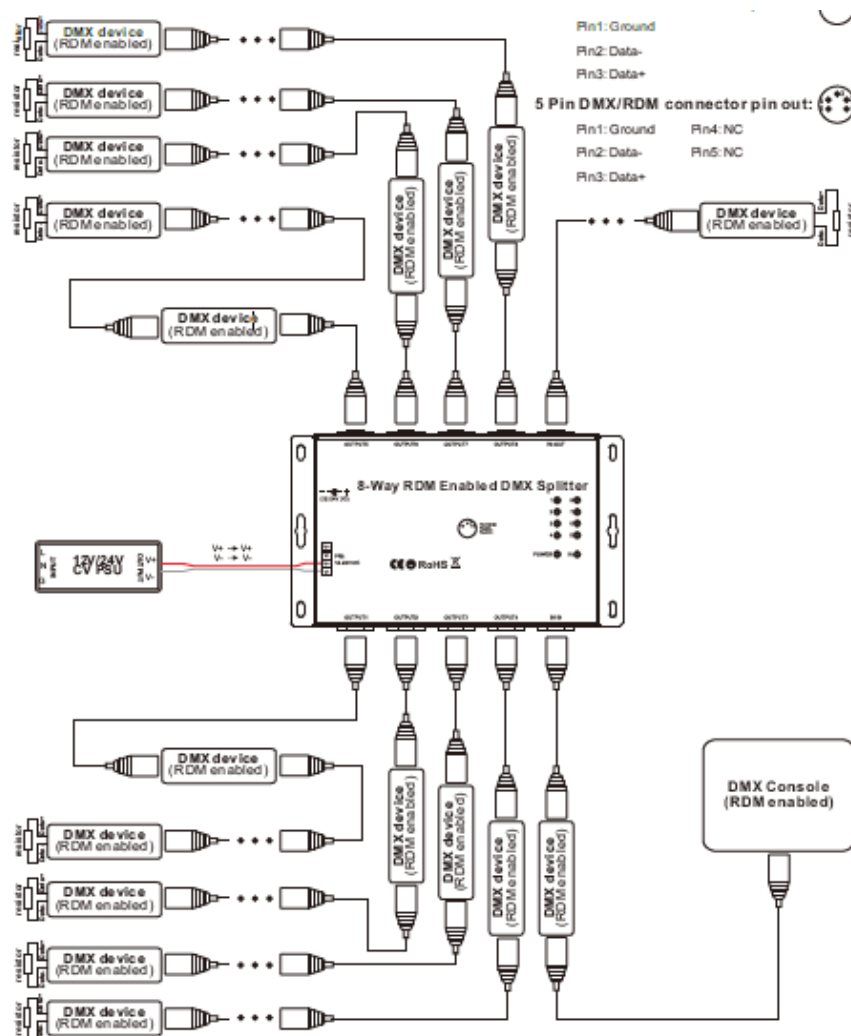
No.	Input Voltage	Input Current	Input Signal	DMX/RDM Connection Ports	Connector Pin Out	Size(LxWxH)	Operation Temperature
1	12-24VDC	Max. 300mA	DMX/RDM	Input: (1x) Male 3-Pin XLR Output: (8x) Female 3-Pin XLR	Pin1: Ground Pin2: Data- Pin3: Data+	199x125x44 mm	-20°C ~ +50°C
2	12-24VDC	Max. 300mA	DMX/RDM	Input: (1x) Male 5-Pin XLR Output: (8x) Female 5-Pin XLR	Pin1: Ground Pin2: Data- Pin3: Data+ Pin4: NC Pin5: NC	199x125x44 mm	-20°C ~ +50°C

- 8-Way RDM enabled DMX splitter
- DMX/RDM compatible
- RDM enabled – ANSI E1.20 compliant
- Extend both cable distance (up to 300m) and the number of devices (up to 32 devices per output, total 256 devices)
- Plug and play, 3/5-Pin XLR male DMX input, eight XLR female DMX outputs
- 8 outputs are full isolated from the input, the outputs are not isolated from each other
- Each output provides LED data indicators, providing full confirmation of proper operation
- Supports bi-directional communications for discovery, addressing and DMX control of RDM enabled devices
- A feed through XLR female connector is provided at the input, allowing this unit to be placed in the middle of an existing DMX chain

Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

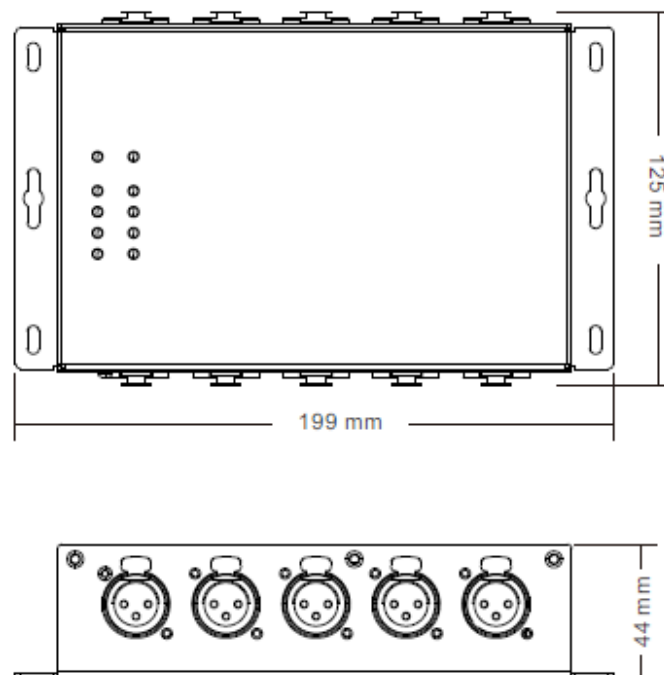
Wiring Diagram



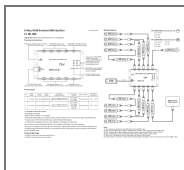
Note:

1. This splitter is placed in the middle of an existing DMX chain.
2. Max. allowed data cable length in a DMX chain is 300m, each output is branch DMX chain.
3. Max. allowed data cable length connected to each output (branch DMX chain) is 300m.
4. Max. 32 devices can be connected to each output of the splitter in daisy-chain.
5. Total $32 \times 8 = 256$ devices can be connected to 8 outputs of the splitter.
6. Please attach a 120ohm, 0.5W resistor between Data+ and Data- wires on the last device of each DMX chain.

Product Dimension



Documents / Resources



[SUNRICHER SR-2100AMP-RDM-8CH-3 8 Way RDM Enabled DMX Splitter](#) [pdf] Instruction Manual
 SR-2100AMP-RDM-8CH-3, 8 Way RDM Enabled DMX Splitter, SR-2100AMP-RDM-8CH-3 8 W ay RDM Enabled DMX Splitter, RDM Enabled DMX Splitter, DMX Splitter, Splitter