

DMX 512

Lighting Control Series

Version: 1.10
14 June 2018

Splitter Pro

Multi-channel DMX512 splitter/repeater



Splitter PRO is a series of multifunctional rack mountable splitters for larger DMX networks boosting the signal to create a network of 5 or 10 additional DMX lines from DMX input.

(This series includes special device Splitter DUO PRO with 3 DMX inputs and 8 DMX outputs that operates as a regular splitter with 1 input and 8 outputs as well as two separated 1-to-4 splitters with fail-safe option.)

All input and output channels have full galvanic isolation. Remote Device Management (RDM) compatible. The device is suitable for indoor use and rack mountable. Splitters are powered by 100-250V industrial AC mains, power consumption is less than 5 watts.

Key Features



DMX Bi-Direct



Supports RDM



UltraStart

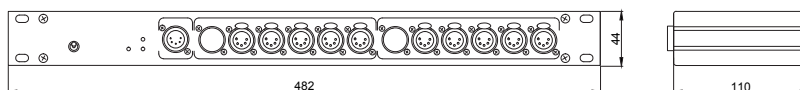


Galvanically
Isolated Ports



Natural Heat
Convection

- No buttons
- Ethercon or XLR (customer request)
- Time-tested in severe weather conditions
- 100% input data reservation
- Single or double input modes
- Input back up function



pro
series

Pro Series is special portfolio of rack-mounted (or clamp-mounted) professional DMX transceivers, ArtNet/sACN converters, hybrids and splitters in small-depth lightweight metal housing. From 2 to 8 ports per each device (up to 16 ports in 2-unit Pro Deluxe series). Natural heat convection. All ports are galvanically isolated. UltraStart Technology guarantees ready device in less than 3 seconds after power supply.



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electronics
lighter than ever



Sundrax Electronics,
6008, First Central 200,
2 Lakeside Drive, Park Royal, London
NW10 7FQ United Kingdom
+ 44 (0) 208 991 33 19
office@sundrax.com
www.sundrax.com

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Technical Specifications

Mechanical

- Housing: Small depth rack mounted
- Material: Metal
- Dimensions, mm: 482(D) x 44(H) x 110(W)
- Mass: 1.2 kg
- Mounting: Rack 1 unit

Power & Electrical

- Power supply: ~90-250 VAC, 50/60 Hz
- Input Power (max): 5 W
- Mains Fuse: 0.5 A

Environmental

- Operating Temperature: 0...+60°C
- Storage Temperature: -50...+70°C
- Operating Relative Humidity (max): 95%
- IP Rating: IP 20
- Certification: CE, RoHS
- Warranty: 36 Month (Return to base)

Control / Data Connections

- Supported protocols: DMX512, RDM
- DMX data refresh rate: 44 Hz

Inputs / Outputs

- DMX Inputs: 1
- DMX Outputs: 5 or 10
- Connectors: XLR (5 pins) or EtherCON

Configuration / Indication

- Indication: LEDs for DMX inputs

Package Contents

- Splitter Pro
- Power cable

Product Line

Name	Modification	Product code
Splitter PRO	1 DMX input/5 DMX outputs (5-pin)	SPP-5-1D5D
	1 DMX input/5 DMX outputs (etherCON)	SPP-6-1D5D
	1 DMX input/10 DMX outputs (5-pin)	SPP-5-1D10D
	1 DMX input/10 DMX outputs (etherCON)	SPP-6-1D10D

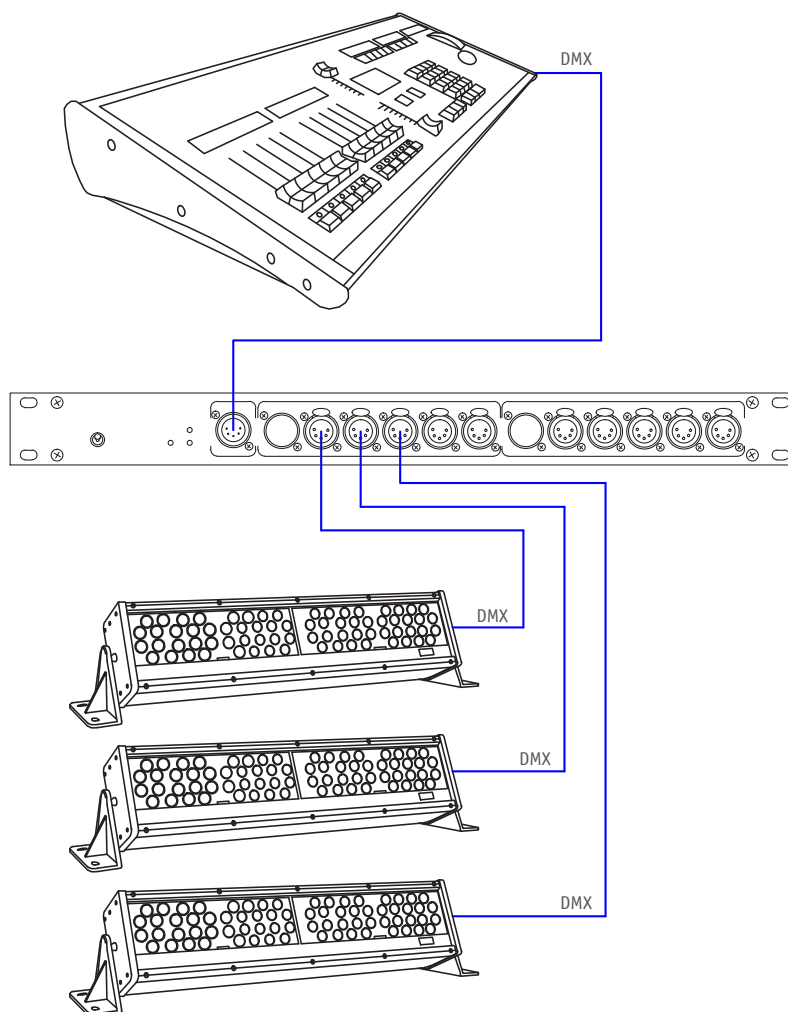
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Connection Scheme



Accessories

Name

Truss mounting kit

Product code

MCA-1-TMK

Disclaimer

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. No liability accepted for errors or omissions. Always make sure to use the most recent release and contact Sundrax Electronics to verify correctness before placing your order.



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NW10 7FQ United Kingdom
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office@sundrax.com
www.sundrax.com