Splitter Pro

Multichannel 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.

Application

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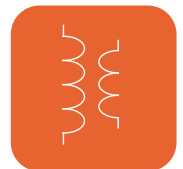Input back up function
DMX Thru port

DMX Bi-Direct

Supports RDM

UltraStart

Galvanically Isolated Ports

Natural Heat Convection

Splitter Pro

Multichannel DMX512 splitter/repeater

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 with DMX Thru
DMX Outputs: 5 or 10
Connectors: XLR (5 pins) or EtherCON

Configuration / Indication

Indication: LEDs for DMX inputs
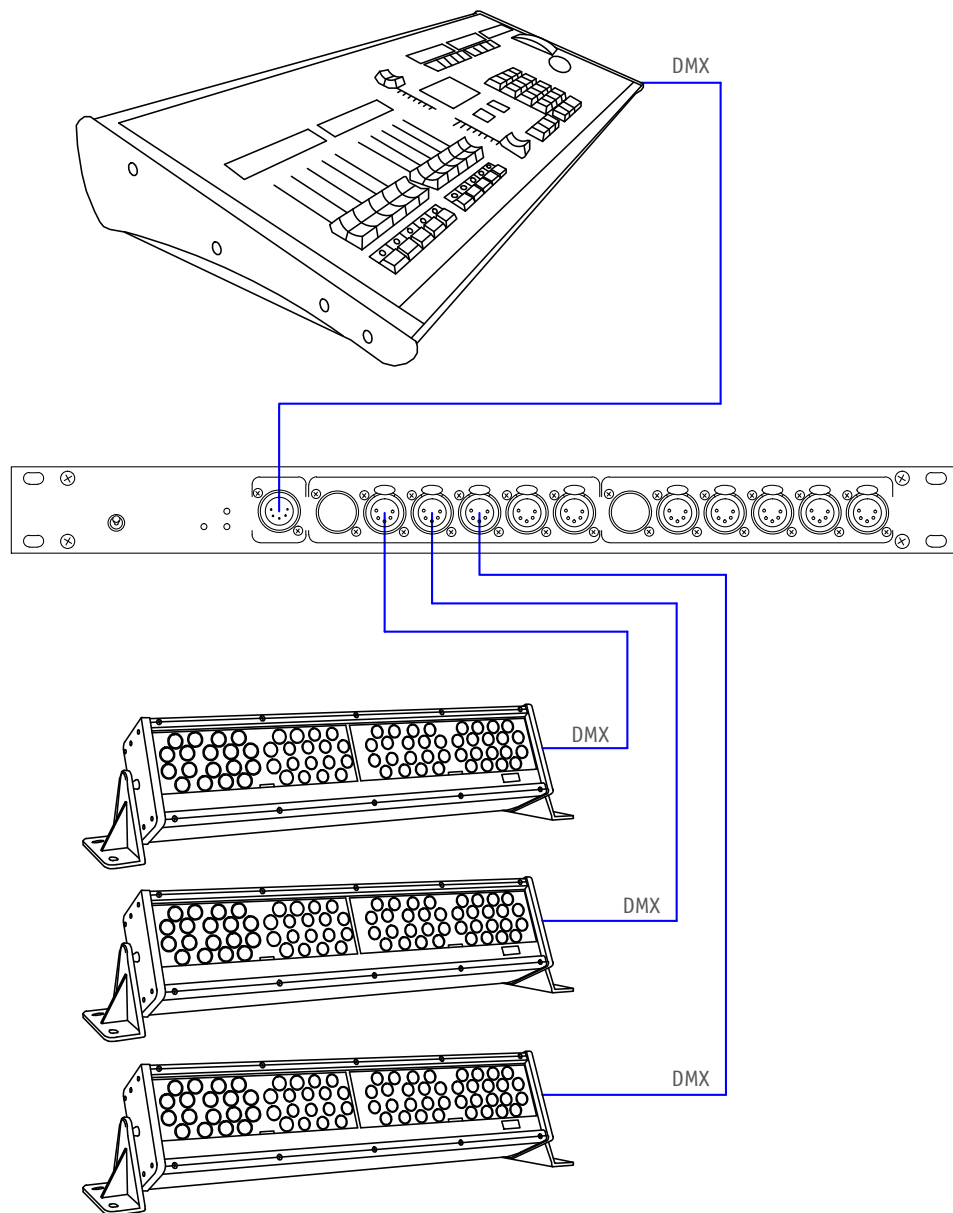
Package Contents

Splitter Pro
Power cable

Product Line

Name	Modification	Product code
Splitter PRO	1 DMX input/5 DMX outputs (3-pin)	SPP-3-1D5D
	1 DMX input/5 DMX outputs (5pin)	SPP-5-1D5D
	1 DMX input/5 DMX outputs (etherCON)	SPP-6-1D5D
	1 DMX input/10 DMX outputs (3-pin)	SPP-3-1D10D
	1 DMX input/10 DMX outputs (5-pin)	SPP-5-1D10D
	1 DMX input/10 DMX outputs (etherCON)	SPP-6-1D10D

SUNDRAX electronics

+ 44 (0) 208 991 33 19
office@sundrax.com
www.sundrax.com

Splitter Pro
Multichannel DMX512 splitter/repeater

Connection Scheme

DMX

DMX

DMX

DMX

Accessories

Name	Product code
Truss mounting kit	MCA-1-TMK