

# DMX 512

Lighting Control Series

Version: 1.30  
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## Splitter Solid DUO

Multi-channel DMX512 splitter/repeater



Splitter Solid DUO is special device with 2 DMX inputs and 4 DMX outputs that operates as a regular splitter with 1 input and 5 outputs as well as two separated 1-to-2 splitters.

All input and output channels have full galvanic isolation. Remote Device Management (RDM) compatible. The device is suitable for indoor use.

### Key Features



DMX Bi-Direct



Supports RDM



UltraStart



Galvanically Isolated Ports

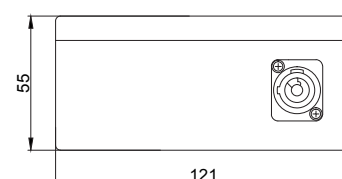
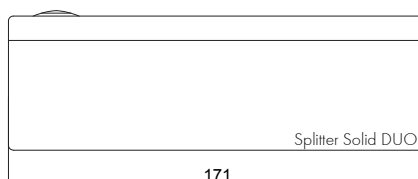


Natural Heat Convection



High Ingress Protection

- XLR connectors
- Time-tested in severe weather conditions
- Single or double input modes



**Solid**  
series

Solid series has been specifically designed for adverse environments, hardly accessible and excessively dusty locations. Best at open installations, Solid Series converters have proved their excellent resistance to mechanical impact and any kind of stage smoke. Solid series includes wireless DMX or ArtNet/sACN/RDM transceivers/receivers, DMX Ethernet ArtGate converters, as well as hybrid CrossGates (wireless DMX/ArtNET/sACN transmitter/receivers). Natural heat convection and moulded 3mm space effective thick metal case with reinforced connectors provide high ingress protection (IP44). All ports are bidirectional i.e. may be configured as inputs or outputs. All DMX ports are galvanically isolated. UltraStart Technology guarantees ready device in less than 3 seconds after power supply. Different wall and clamp mounting options.



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# DMX 512

Lighting Control Series

## Splitter Solid DU0

Multi-channel DMX512 splitter/repeater

### Technical Specifications

#### Mechanical

- Housing: Solid case
- Material: Metal
- Dimensions, mm: 171(D) x 55(H) x 121(W)
- Mass: 1.2 kg
- Mounting: Surface, Truss

#### Power & Electrical

- Power supply: ~90-250 VAC, 50/60 Hz or 12-24 VDC
- Input Power (max): 5 W
- Mains Fuse: 0.5 A (VAC modification)

#### Environmental

- Operating Temperature: 0...+60°C
- Storage Temperature: -50...+70°C
- Operating Relative Humidity (max): 95%
- IP Rating: IP 44
- 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 or 2
- DMX Outputs: 5 or 4
- Connectors: XLR (5 pins, 3 pins); PowerCON

#### Package Contents

- Splitter Solid DU0
- Power cable (PowerCON)
- User guide

#### Configuration / Indication

- Indication: LEDs for DMX inputs activity

### Product Line

Name	Modification	Product code
Splitter Solid DU0	2 DMX inputs/5 DMX outputs (3-pin), 100-250VAC	SPSD-3-2D5D-AC
	2 DMX inputs/5 DMX outputs (5-pin), 100-250VAC	SPSD-5-2D5D-AC
	2 DMX inputs/5 DMX outputs (3-pin), 12-24VDC	SPSD-3-2D5D-DC
	2 DMX inputs/5 DMX outputs (5-pin), 12-24VDC	SPSD-5-2D5D-DC



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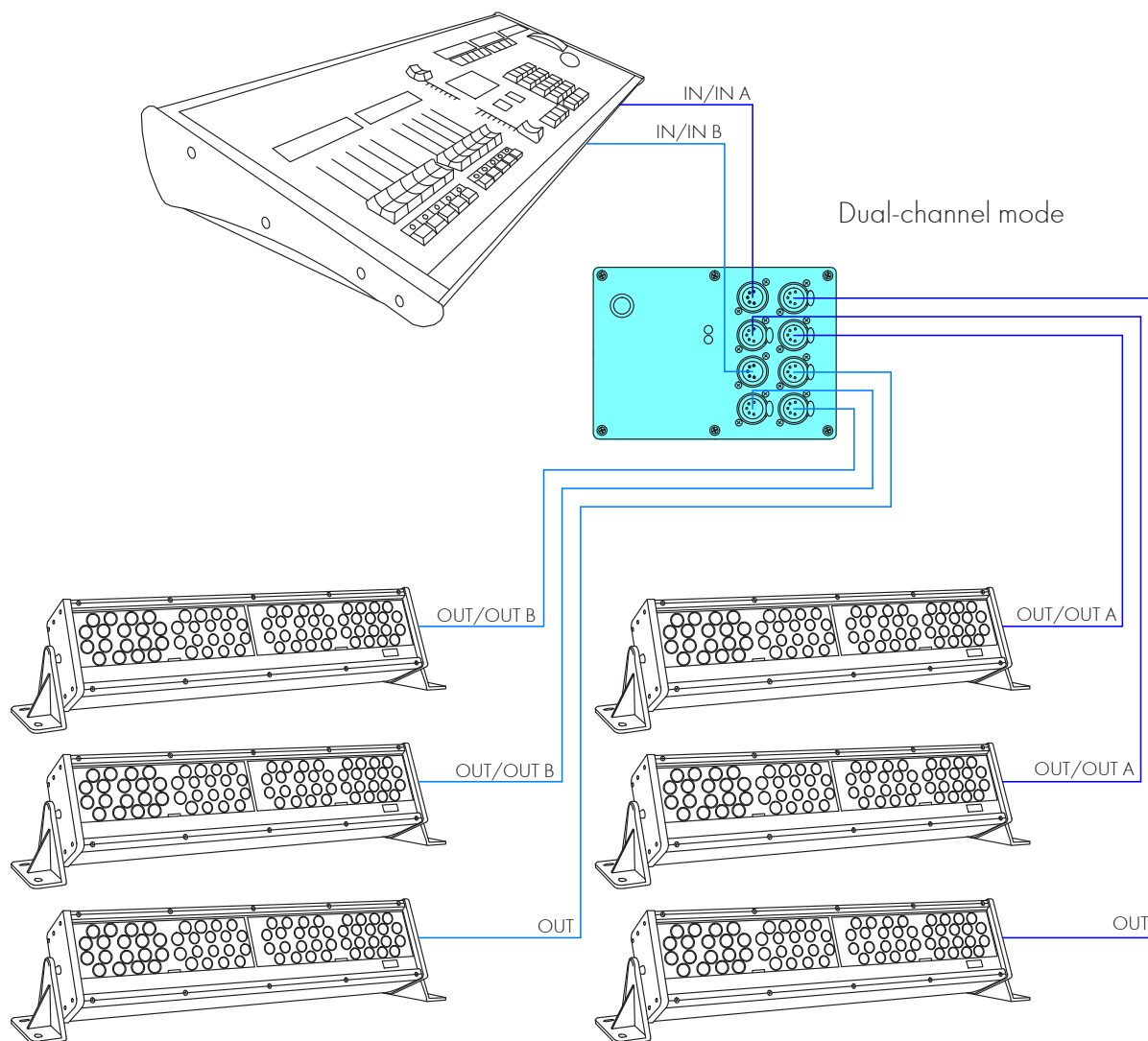
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### Connection Scheme



### Accessories

#### Name

Truss mounting kit

Surface mounting kit

#### Product code

MCA-1-120

MCA-2-120

#### 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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