# DMX 512
## Lighting Control Series

# 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

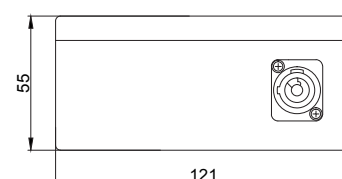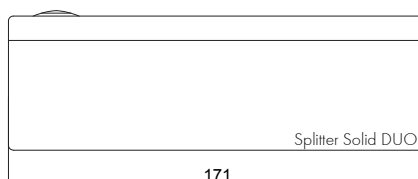| DMX Bi-Direct | Supports RDM | UltraStart | Galvanically Isolated Ports | Natural Heat Convection | High Ingress Protection |
|---|---|---|---|---|---|

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

Splitter Solid DUO

171

55

121

## 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, DMXEthernet 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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# 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 DUO
- Power cable (PowerCON)
- User guide

### Configuration / Indication

- Indication: LEDs for DMX inputs activity

# Product Line

| Name | Modification | Product code |
| --- | --- | --- |
| Splitter Solid DUO | 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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## Connection Scheme
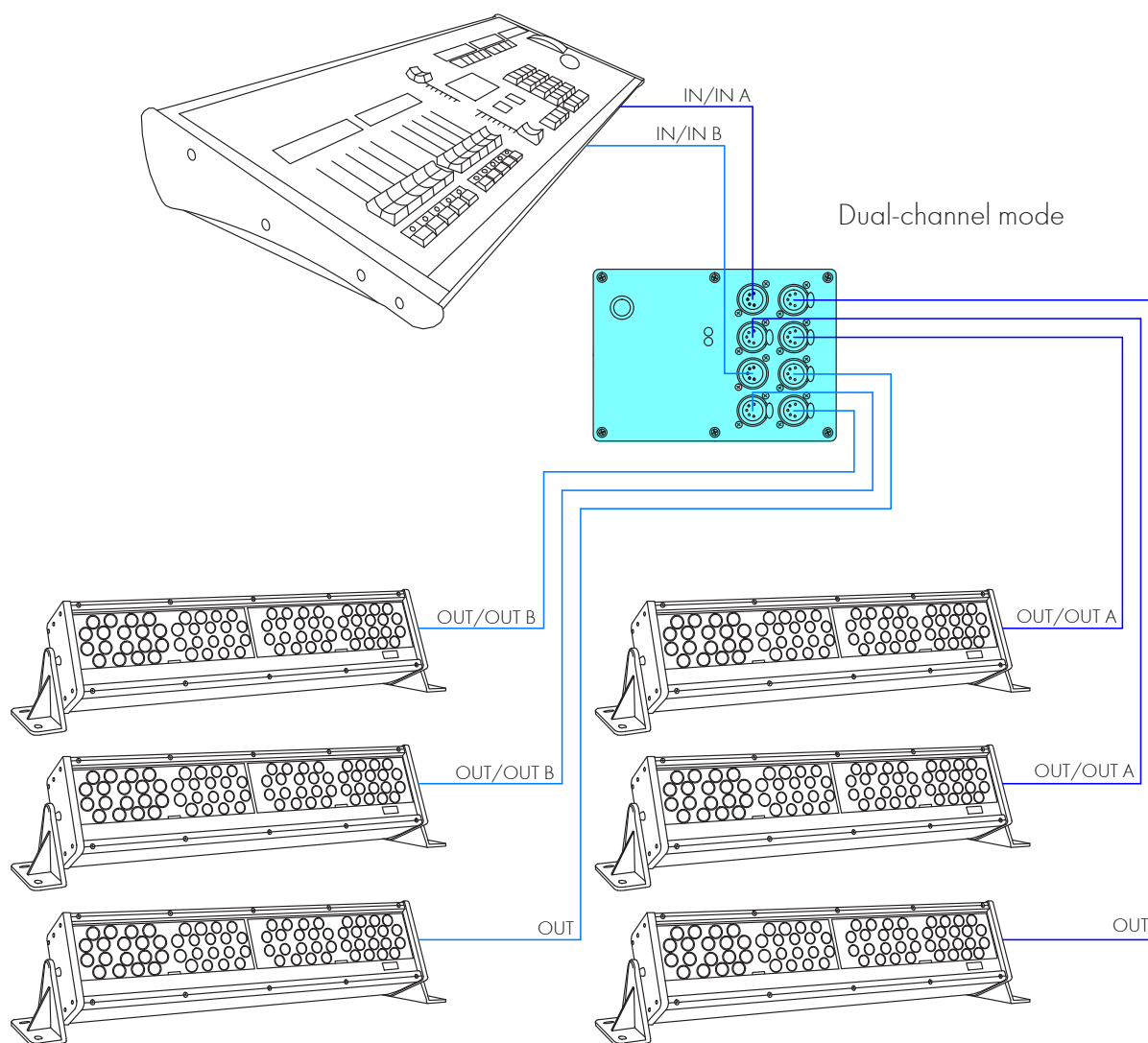
IN/IN A

IN/IN B

Dual-channel mode

OUT/OUT B

OUT/OUT B

OUT

OUT/OUT A

OUT/OUT A

OUT

## Accessories

| Name | Product code |
|---|---|
| Truss mounting kit | MCA-1-120 |
| Surface mounting kit | MCA-2-120 |

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