



# User Manual

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## Splitter Duo DIN

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## Safe operation

To ensure safe and reliable operation of the devices, please observe the following requirements:

Use the device only for its intended purpose

Do not use devices that show signs of malfunctioning

Avoid strong physical impacts on the device

Protect devices and cables from contact with moisture or other corrosive liquids

Whenever a fault is detected in the device, please contact the manufacturer.

### Warning!

The device uses hazardous voltage AC 100-250V

## General information

Splitter Duo DIN is special DIN rail mount device with 6 DMX input/output ports 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 from each other. Remote Device Management (RDM) compatible.

The device is suitable for indoor use. Splitter is powered by 100-250 V industrial AC mains, power consumption is less than 5 watts.

# Connection types

Before mounting and power up, it is necessary to verify protective earthing and cable connectors.

1. Ensure the device has no damage due to transportation
2. Attach the device to the DIN rail
3. Set position of DIP-switcher 1 in accordance with needed device configuration (single-channel or dual-channel mode)

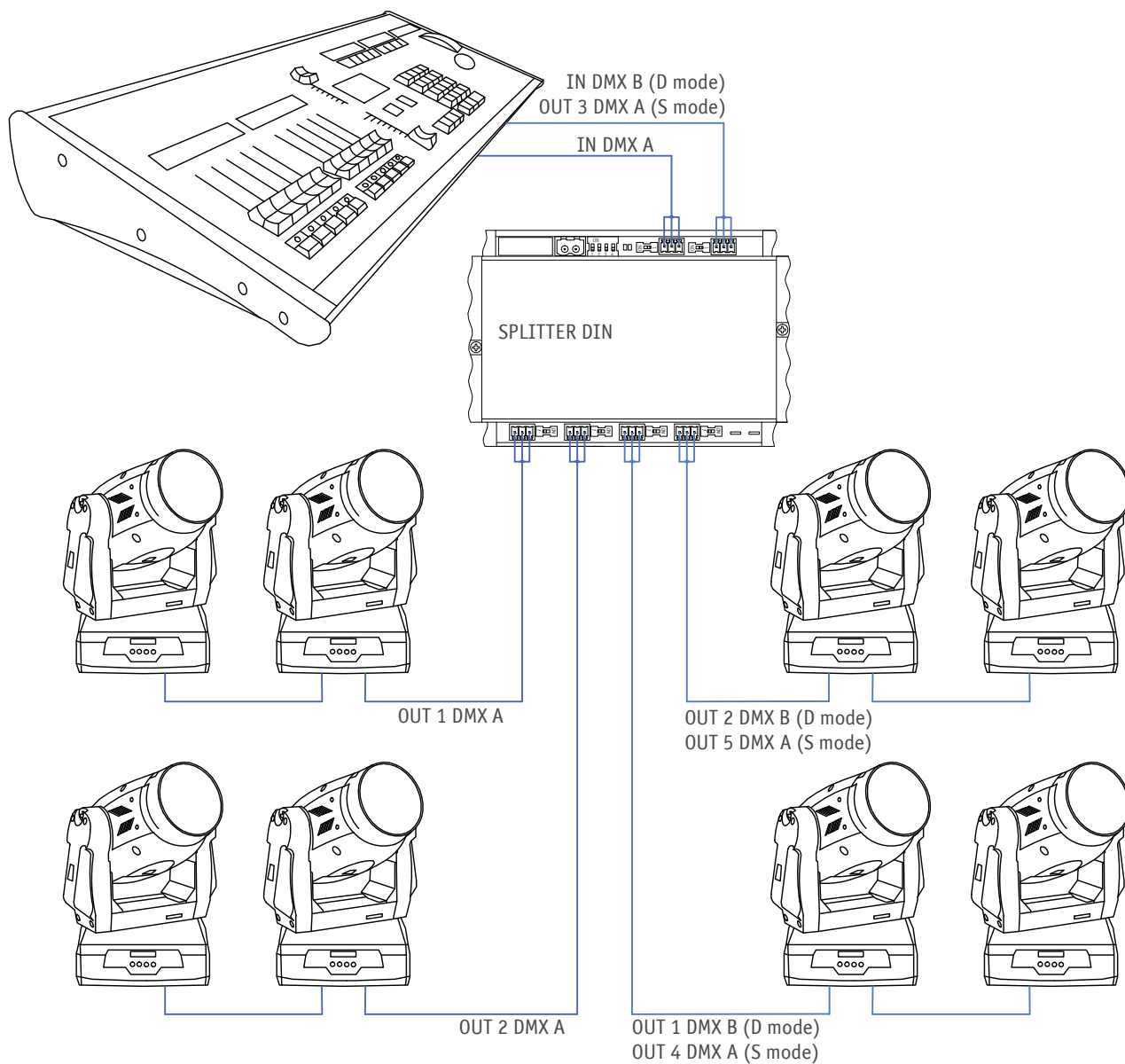
	ON	OFF
SW1	RDM enabled	RDM disabled
SW2	Dual splitter mode	Single splitter mode
SW3	Full transparent mode	Dedicated input(s) mode
SW4	Bus indication mode	DMX512 indication mode

4. All input and output channels have 120 Ohm terminators, managed by special DIP-switches TIN, T(1)–T(5). To connect the terminator to the line is necessary to set proper switcher in ON position, to disconnect- in OFF position
5. Connect the power, input and output DMX lines to the corresponding device ports
6. When device properly connected, the LED indicator on the device is lit. Its color indicates the presence of a valid DMX input signal: Green - present, Red - missing
7. The device is ready for use

# LED indication

	DMX512 mode	Bus mode
Green	Valid DMX signal	Bus is idle
Red	No DMX signal	Bus is busy
Off	Device/Section doesn't work	Device/Section doesn't work

# Connection scheme



# Technical maintenance

Maintenance the device, search and troubleshooting should be performed by service personnel. The device should be free from dirt, dents, connecting cables and wires must be intact and securely fastened.

## Notes



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