



User Manual

Splitter Pro

Contents

Safe operation	3
General information	3
Installation	3
LED indication	3
Connection scheme	4
Technical maintenance	6
Notes	6

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 100-230V

General information

Splitter Pro is a single-channel DMX512 splitter and is an effective solution for controlling dynamic lighting equipment. A feature of the splitter is the ability to transfer DMX512, RDM (ANSI E1.20) protocols from one input to 5 or 10 outputs. Splitter Pro (double input modifications) is a double-channel DMX512 splitter with 2 inputs and 8 outputs. Splitter Pro (double input modifications) can work as two separate splitters 1-to-4, or as a single splitter with 1 input and 10 outputs (similar to Splitter Pro). Splitter Pro and Splitter Pro (double input modifications) can be supplied with XLR 5-pin, XLR 3-pin, or EtherCON connectors. RDM support can be enabled and disabled by a stick switch on the front panel. Each input connector has a through-output connector to pass DMX512 signal to other devices in a chain. The device is designed in a housing for installation in a 19-inch rack and can be used at positive temperatures indoors.

Installation

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

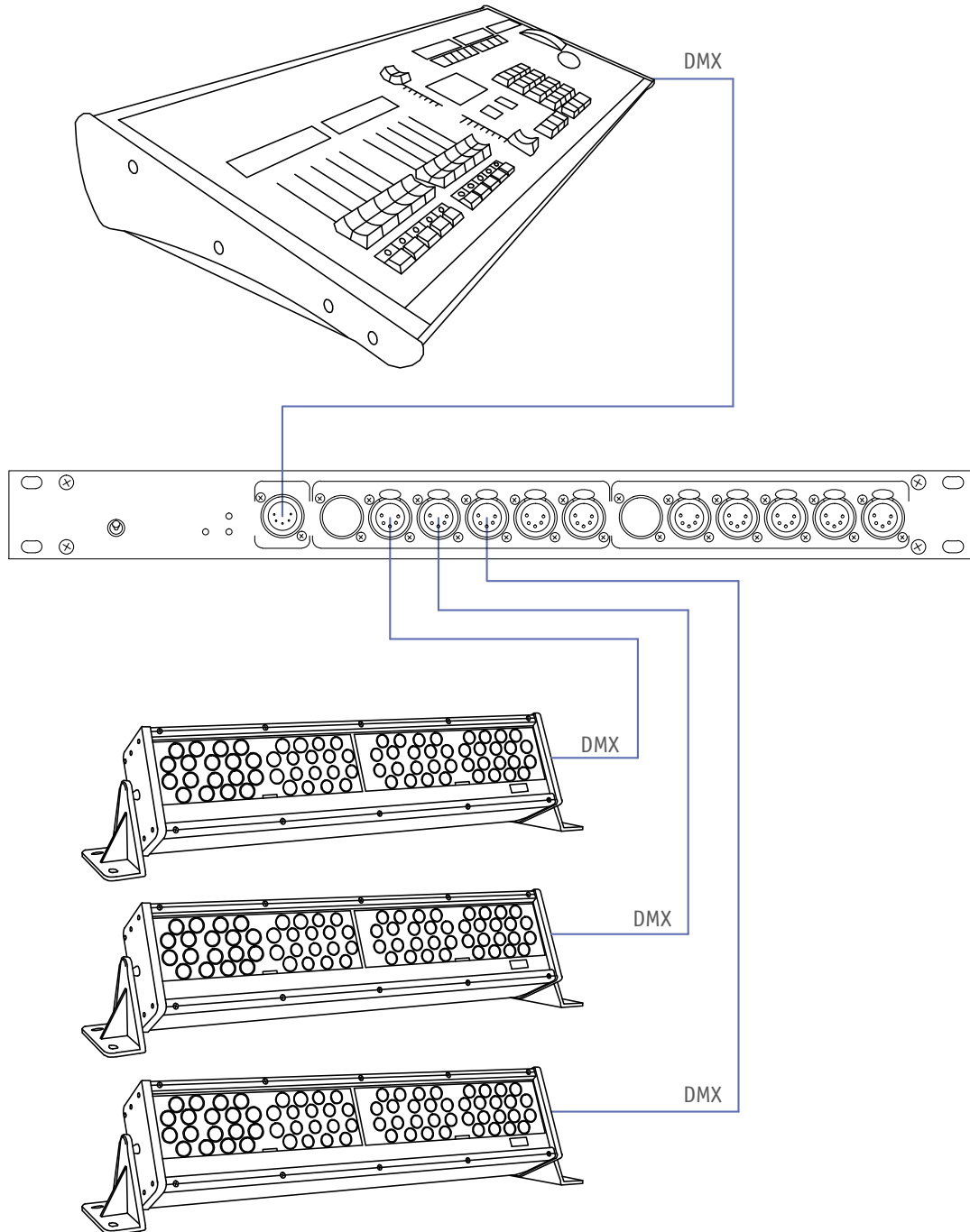
1. Ensure the device has no damage due to transportation.
2. Install the unit into the rack and secure it with screws. Connect the power cable plug to a power outlet.
3. Connect cable to input port "IN" if you use Splitter Pro device or to necessary input port ("IN COM", "IN A" or "IN B") if you use Splitter Duo Pro device. If the input signal is present, the appropriate port indicator lights green. If there is no signal, the indicator is red.
4. Connect the desired number of output lines to the "OUT" connectors.
5. The device is ready for use.

LED indication

LED	Status
Red	No valid DMX signal on input
Green	Valid signal is detected, no changes in DMX data
Blinks green	Valid signal is detected, DMX data is being changed
Blinks orange	RDM activity is detected

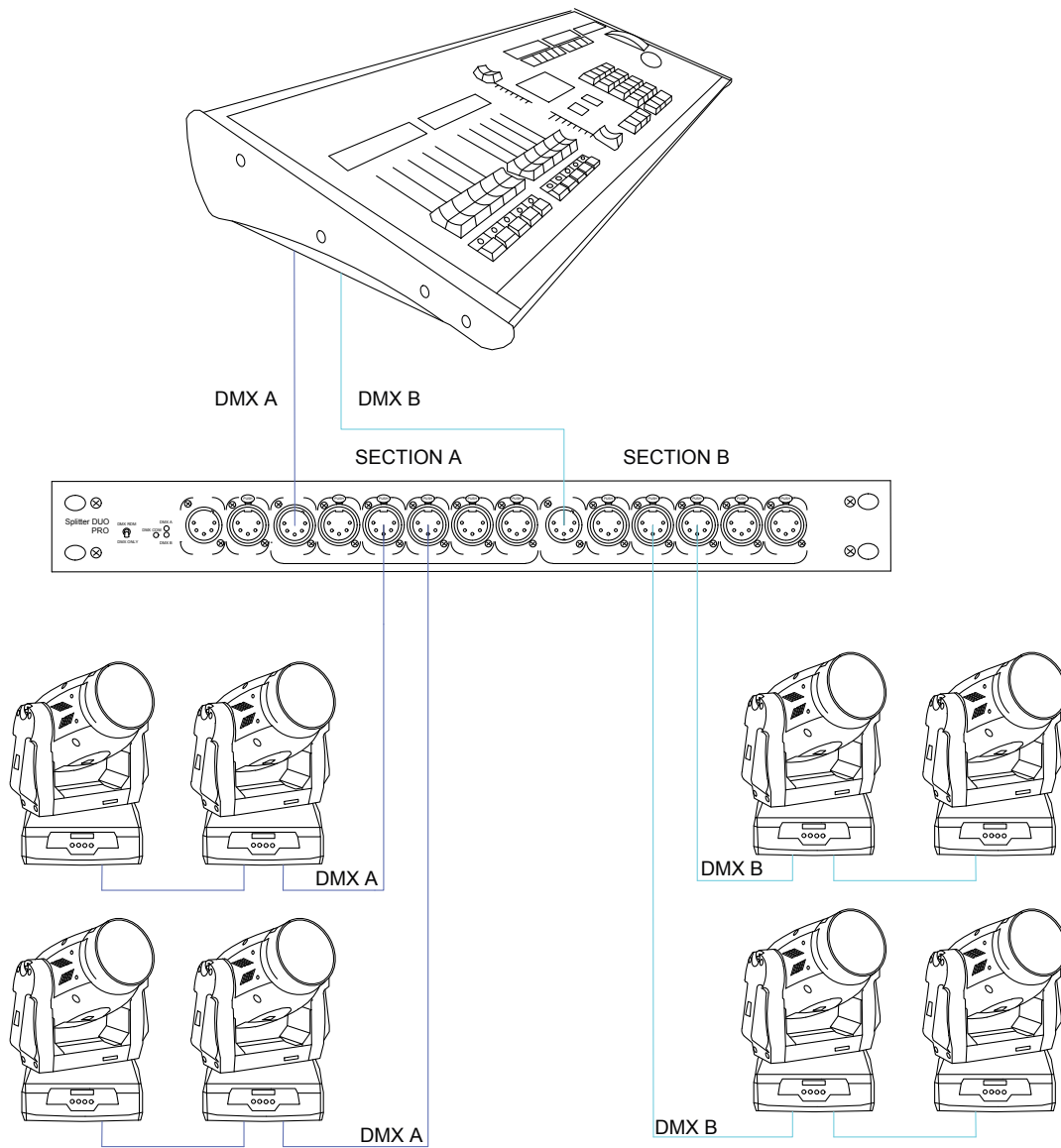
Connection scheme

Splitter Pro, Splitter Pro (double input modifications)



Connection scheme

Splitter Pro (double input modifications)



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

Notes



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