



## Splitter Pro

Splitter Pro Splitter is a single channel DMX512 interface splitter and is an effective solution for controlling lighting equipment using the DMX512 standard. A feature of the splitter is the ability to transfer DMX512, RDM (ANSI E1.20) protocols from 1 input to 5 or 10 outputs, using XLR connectors (5 pins / 3 pins) or EtherCON connectors. Splitter Pro

has an intelligent indication that allows you to display the presence of a DMX512 signal, the presence of the fact of data transmission over the DMX512 line, as well as the presence of RDM interface signals (ANSI E1.20). To provide filtering of RDM (ANSI E1.20) protocol signals, the splitter is equipped with a dedicated switch and has an additional DMX loop-through (TRUE) port for the extended switching function. The device is designed in a housing for installation in a 19-inch "rack" rack and can be used at positive temperatures indoors and outdoors. The flexibility in placement of the device is characterized by its compactness, low weight, small depth equal to 110 mm, the ability to install on a truss and the fact that the converter can occupy only one height (1U) in a 19 "rack" rack.



### Benefits

- Rack form factor 1U 11 cm deep with IP20 protection
- Maintaining performance at voltages up to 305 V
- One TRUE DMX port
- Supports DMX512, RDM (ANSI E1.20) protocols
- Intelligent indication of operating modes
- RDM filtering function (ANSI E1.20)
- Galvanic isolation of DMX ports
- Free cooling function without fans and openings in the case
- Power connector powerCON TRUE1

### Application area

For installations where branching of DMX512, RDM (ANSI E1.20) protocol lines is required

## Technical specifications

### Mechanical

Housing: shallow installation depth in a rack  
Material: metal  
Dimensions, mm: 482 (L) x 44 (H) x 110 (W)  
Weight: 1.2 kg  
Mounting: in a rack, 1 module

### Power & Electrical

Power supply: ~ 100-250 V, 50/60 Hz  
Max power consumption: 5W  
Fuse: 0.5 A

### Environmental

Operating temperatures: 0 ... + 60 ° C  
Storage temperatures: -50 ... + 70 ° C  
Max. relative humidity: 95%  
IP Rating: IP 20  
Certificates: EAC, CE, RoHS  
Warranty: 36 months

### Control / Data Connections

Supported protocols: DMX512, RDM  
Refresh rate DMX data: 44 Hz

### Inputs / Outputs

DMX inputs: 1 with DMX Thru  
DMX outputs: 5 or 10  
DMX connectors: XLR (5 pins) or EtherCON

### Configuration / Indication

Indicators: LED, for DMX inputs

### Package Contents

Splitter Pro  
Powercable

## Product line

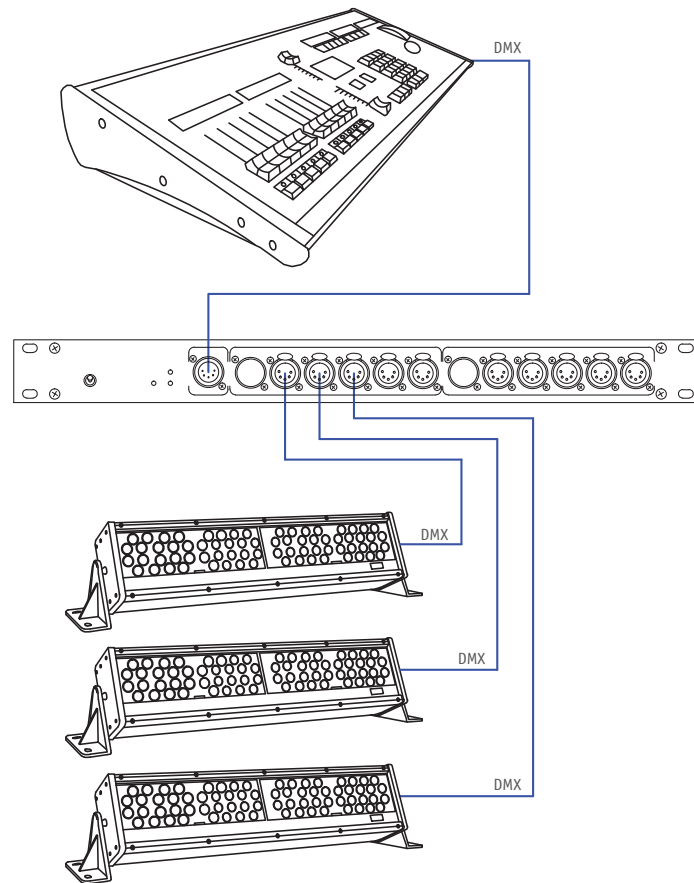
### Modification:

Splitter Pro, 1 DMX input, 5 DMX outputs (3-pin)  
Splitter Pro, 1 DMX input, 5 DMX outputs (5-pin)  
Splitter Pro, 1 DMX input, 5 DMX outputs (etherCON)  
Splitter Pro, 1 DMX input, 10 DMX outputs (3-pin)  
Splitter Pro, 1 DMX input, 10 DMX outputs (5-pin)  
Splitter Pro, 1 DMX input, 10 DMX outputs (etherCON)  
Splitter Pro, 3 DMX input, 8 DMX outputs (3-pin)  
Splitter Pro, 3 DMX input, 8 DMX outputs (5-pin)  
Splitter Pro, 3 DMX input, 8 DMX outputs(etherCON)

### Vendor Code

SPP-3-1D5D  
SPP-5-1D5D  
SPP-6-1D5D  
SPP-3-1D10D  
SPP-5-1D10D  
SPP-6-1D10D  
SPPD-3-3D8D  
SPPD-5-3D8D  
SPPD-6-3D8D

## Connection diagram



Specifications and appearance of Sandrax Electronics brand equipment are subject to change without notice.

## Accessories

### Name

- Ethernet cable etherCON, 1.5m
- Power cable with powerCON TRUE1 plug (female), 1.5 m
- Power cable Schuko Type F (plug) / powerCON TRUE1 (socket), 1.5m
- Power cable BS 1363 Type G (plug) / powerCON TRUE1 (socket), 1.5 m
- Power cable powerCON TRUE1 (socket)/powerCON TRUE1 (plug), 0.5 m
- DMX cable (3-pin)M/(3-pin)F, 0.5m
- DMX cable (3-pin)M/(3-pin)F, 3m
- DMX cable (5-pin) M / (5-pin) F, 0.5m
- DMX cable (5-pin) M / (5-pin) F, 3m
- Adapter (5-pin) F / (3-pin) M
- Adapter (5-pin) M / (3-pin) F
- Rack Mount Kit for Pro Series
- Clamp Mount Kit (1U) for Pro Series Chassis

### Vendor Code

- ACC-CCE-X/EC15
- ACC-CCP-0/PCT15
- ACC-CCP-F/PCT15
- ACC-CCP-G/PCT15
- ACC-CCE-X/PCT05
- ACC-CCDMX-3F/3M05
- ACC-CCDMX-3F/3M3
- ACC-CCDMX-5F/5M05
- ACC-CCDMX-5F/5M3
- ACC-AD-N5F/N3M
- ACC-AD-N5M/N3F
- ACC-MK-PR-RAC
- ACC-MK-1U(PRO)-CLA