



rackSplit octo

Category

- A) DMX Splitters

Description

- 8-output DMX512/RDM opto-splitter/data-fixer. 1U 19" rack mount with ultraslim 50mm profile.

Mechanical

- Housing: 19" 1U rack enclosure
- Material: metal
- Overall dimensions: 1RU (H) x 19" (W) x 50 mm (D)
- Weight: 0.82 kg
- Country of manufacture: UK

Environmental

- Operating temperature: 0°C to 40°C
- Storage temperature: -10°C to +50°C
- Operating relative humidity (max): 80% non-condensing
- IP rating: IP20 indoor use only
- Certification: CE, WEEE, RoHS
- Warranty: 2-year (return to base)

Power & Electrical

- Operating voltage: 94-230 VAC +/- 10%
- Operating Frequency: 47-63 Hz
- Input power (max): 250 W
- Duty cycle: 100% @ 25°C
- Internal fuse: T1A slow blow

**No user serviceable parts inside
Disconnect power before opening
Product must be earthed**



Connections

- Input: XLR5M (1 no.)
- Loop/Term: XLR5F (1 no.)
- Output: XLR5F (8 no.)
- Power: IEC C13 male

Control

- Input protocols: DMX512, DMX512 (1990), DMX512-A, RDM V1.0 (E1.20 - 2010 ESTA Standard)
- Output protocols: same as input

Input protection

- Input mode: Optically isolated
- Input ESD protection: 12 kV
- Input voltage protection: +/- 80 V

Output protection

- Output mode: ground referenced
- Output ESD protection: 12 kV
- Output voltage protection: +/- 80 V

Configuration / Indication

- Split/Fix slide selector
- LEDs for Power & Data

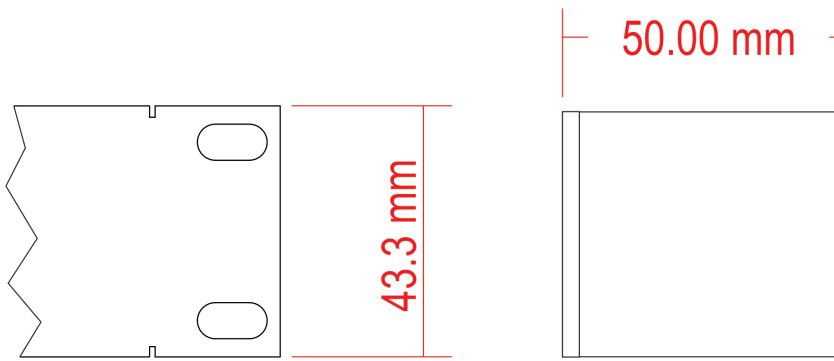
Ordering information

- Product code: rackSplit octo
- Package contents:
 - Product
 - IEC mains lead

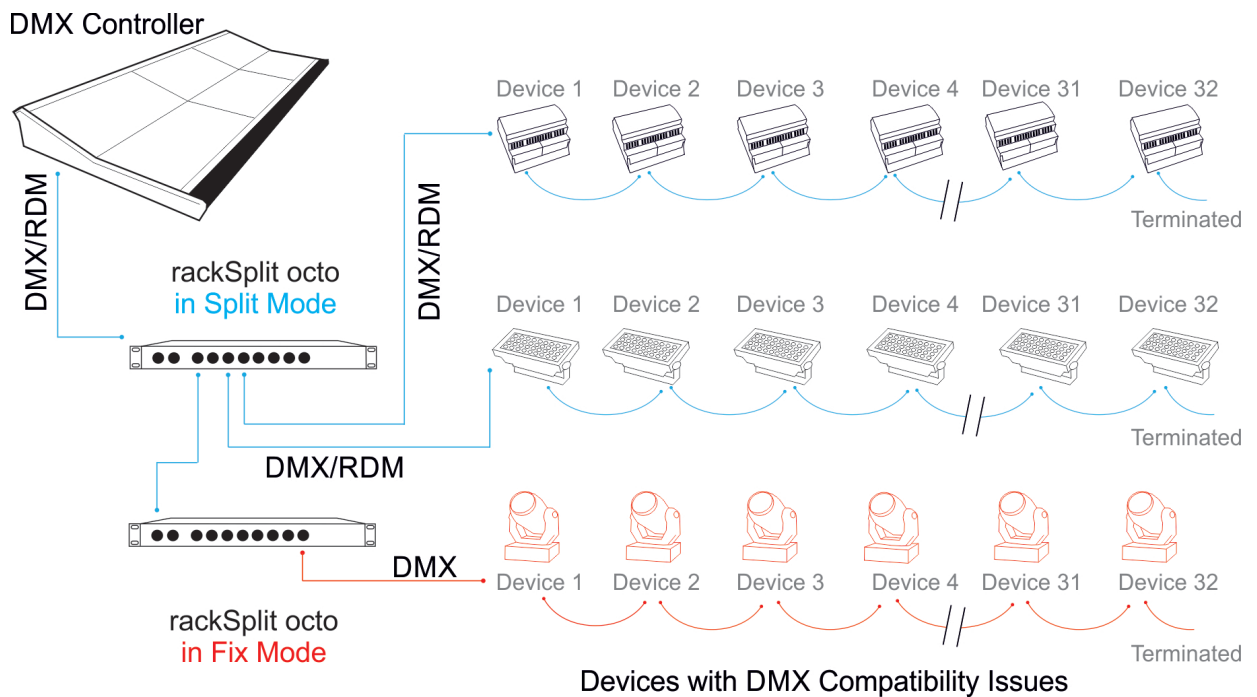
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Mounting diagram



Application diagram



The diagram shows how rackSplit octo could be utilised in a typical application. The upper unit is set to normal Split mode and is routing DMX/RDM data to compliant devices. The lower unit is set to Fix mode, which removes the RDM and enables the problematic fixtures to function without flicker.



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All products are covered from date of purchase by a 2-year return to base warranty.

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