

Rail-DALI



Bridging the gap between Entertainment & Architecture

Rail-DALI provides a three way interface between DMX512, RDM and DALI.

Many architectural projects face a technological barrier to the integration of functional and effects lighting. Functional lighting is increasingly available with a DALI interface. Most effects lighting and control systems use DMX512. Rail-DALI solves this problem by transparently converting either DALI to DMX512 or DMX512 to DALI.

Rail-DALI provides four optically isolated DALI circuits. This allows a total of 256 channels or lamps to be controlled. Multiple products can be linked together to provide a greater channel count when required.

The product supports the latest version of DALI, allowing bidirectional data flow. 'Back Channel' DALI information on light level and fault status is converted to RDM. This allows the lighting controller to monitor the lights as well as control their intensity.

The number of channels per DALI circuit is user configurable. This allows the response rate to be configured for the application.



Features:

- Convert DMX512 to DALI
- Convert DALI to DMX512
- Convert DALI Status information to Remote Device Management (RDM)
- Supports 32 to 256 channels
- Configurable bandwidth
- DIN Rail or surface mounting
- DMX512 (1990) or DMX512-A
- RDM Draft V1.0

Specification:

- Input voltage: 5 or 9-24 VDC
- Power: 1 Watt
- Protocols: DMX512
RDM V1.0
DALI
- Duty Cycle: 100%
- Mounting: DIN Rail or Surface
- Listing: CE / FCC
- IP: Indoor use only

Power Supply (not included):

PSU-5-4-FER

- Input voltage: 100 - 230 VAC
- Output: 5V DC 4A
- Num. powered: 2
- Listing: CE / FCC / UL / PSE
- IP: Indoor use only