

DMX-Protect

Passive in-line protector designed to protect a DMX line from damage due to electrocution.



DMX-Protect has two levels of protection.

The first is a self-healing circuit that protects against accidental connection to mains and will recover when the fault is removed.

The second is a 'protection of last resort' that will sacrifice the product in order to protect against high energy faults such as lightning strikes.

- Passive in-line protector
- Bidirectional protection - both I/P & O/P are protected from fault on other side
- Protects against accidental connection to mains (recoverable fault)
- Sacrificial protection against lightning strikes (non-recoverable fault)
- Supports RDM
- Protective metal case
- Data input: standard 5-pin male XLR connector
- Data output: standard 5-pin female XLR

Technical Specification

Mechanical

- Housing: Metal Enclosure
- Material: Powder coated aluminium
- Overall dimensions: 79 mm (W) x 86 mm (H) x 42 mm (D)
- Weight: 0.2 kg
- Mounting: Free-standing
- 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

Power & Electrical

- Passive

DMX Input & Output Protection

- IP & OP protected against continuous connection to 425 VAC
- IP & OP protected by gas discharge from static electrocution and lightning strike above 420 VDC

Control

- Control: 1 Port DMX & RDM in-line protector
- Input Protocols:
 - DMX512, DMX512(1990), DMX512-A
 - RDM V1.0 (E1.20 - 2006 ESTA Standard)
- Output Protocols: Same as input