



## Product Safety Sheet for British DC-Blocker

Product Name: LoRad DC Blocker MD01-16-BS

Manufacturer Information:

Name: Supra Cables / Jenving Technology AB

Address: Bastbacka 112-113, 45991 Ljungskile, Sweden

Contact: Jörgen Wahlsberg, +46-522-698990, [www.supracables.se](http://www.supracables.se)

### 1. Product Description

Product Type: DC blocker designed to eliminate unwanted DC voltage from AC mains power, ensuring clean and efficient power delivery to connected equipment.

Applications: Ideal for use in residential and commercial environments to prevent transformer saturation, reduce mechanical hum, and enhance the performance of audio and multimedia equipment.

### 2. Safety Standards and Compliance

Relevant Directives and Standards:

- Low Voltage Directive (LVD) 2014/35/EU
- Electromagnetic Compatibility Directive (EMC) 2014/30/EU
- RoHS Directive 2011/65/EU
- General Product Safety Regulation (GPSR) 2023/988

CE Marking: This product conforms to all applicable EU safety, health, and environmental protection standards and bears the CE marking.

### 3. Risk Assessment and Mitigation

Potential Hazards:

- Electrical Shock: Risk of electric shock if the product is improperly handled or damaged.
- Overheating: Overheating may occur if the product is overloaded or improperly ventilated.
- Ineffective DC Blocking: Risk of inadequate DC suppression if the product is misused or connected incorrectly.

Mitigation Measures:

- Equipped with components capable of filtering up to 3.6V DC offset, preventing transformer saturation and associated issues.
- Clear usage instructions provided to avoid overloading and ensure proper ventilation.
- Tested in compliance with EN standards to ensure effective DC blocking and safe operation..

### 4. Technical Specifications

- Input Voltage: 110-250V
- Frequency Range: 50-60Hz  
Max Load: 3680W
- DC Blocking Capacity: Filters up to 3.6V DC offset
- Chassis: Shielded aluminum to prevent electric, electromagnetic, and magnetic fields

## 5. Labeling and Traceability

Each product is labeled with:

- Product Name
- Serial/Batch Number
- Manufacturer Contact Information
- CE Marking

## 6. Instructions for Safe Use

- Only use the product within specified voltage and frequency limits.
- Ensure proper ventilation to avoid overheating.
- Avoid exposure to moisture or direct sunlight.
- Disconnect from mains during installation or maintenance.
- Connect to a grounded wall socket using appropriate mains flex cables for maximum effectiveness.
- Follow the recommended connection sequence: connect all devices to the DC blocker before plugging it into the wall socket; when disconnecting, unplug from the wall socket first and wait for indicator LEDs to extinguish before disconnecting devices.

## 7. Incident Management and Reporting

Post-Market Surveillance:

- Supra Cables monitors product performance and user feedback to identify potential safety issues.

Incident Reporting:

- In case of a safety issue, customers are encouraged to contact Supra Cables immediately.
- Incidents will be reported to relevant authorities via the EU Safety Business Gateway as required by GPSR.

## 8. Declaration of Conformity

Supra Cables declares that this product complies with the following directives and standards:

- CE, RoHS, REACH, EAC, WEEE & Verified by Intertek Sweden  
EN 50085-2-4:2009 in conjunction with EN 50085-1:2005

## 9. Disposal Instructions

- Dispose of this product in accordance with local electronic waste disposal regulations.
- Do not discard with general household waste.

Signed by: Jörgen Wahlsberg

Date: 2025-01-08

