



Product Safety Sheet for Supra EFF-IXLR AUDIO Cable

Product Name: Supra EFF-IXLR AUDIO

Manufacturer Information:

Name: Supra Cables / Jenving Technology AB

Address: Bastbacka 112-113, 45991 Ljungskile, Sweden

Contact: Jörgen Wahlsberg, +46-522-698990, www.supracables.se

1. Product Description

Product Type: High-quality balanced analog interconnect cable (XLR-XLR) designed for precise, low-loss audio signal transmission between hi-fi and professional audio components.

Applications:

Designed for balanced stereo signal transfer in high-fidelity and studio systems. Suitable for connecting preamplifiers, power amplifiers, DACs, CD players, streamers and other audio equipment equipped with XLR interfaces.

2. Safety Standards and Compliance

Relevant Directives and Standards:

- Low Voltage Directive (LVD) 2014/35/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 if the cables are damaged or improperly installed.
- Fire Hazard: Reduced compared to standard cables, but proper installation is required to maintain flame-retardant properties.
- Physical Damage: Risk of damage to the cables if subjected to excessive bending, crushing, or abrasion.

Mitigation Measures:

- Manufactured with tin-plated oxygen-free copper (OFC) for high conductivity and corrosion resistance
- Clearly marked for correct usage and cross-sectional area.

4. Technical Specifications

- Cable Type: SUPRA EFF-IXLR balanced interconnect cable
- Connector Type: XLR 3-pin male to XLR 3-pin female (stereo pair)
- Conductor Material: Silver-plated oxygen-free copper (OFC)
- Purity: 5N (99.999% copper)
- Conductor Design: Supra Equalized Frequency Flow (EFF) tubular geometry for reduced skin-effect and stable impedance
- Conductor Cross-Section: approx. 0.46 mm² / AWG 21
- Insulation Material: Polyethylene (PE) with very low capacitance

- Connector Type: Supra XLR connectors
- Connector Features: Fully shielded with secure locking mechanism and integrated strain relief
- Connector Material: 24K gold-plated contacts
- Rated Voltage: < 50 V (signal level)
- Temperature Range: -30°C to +70°C

5. Labeling and Traceability

Each product is labeled with:

- Product Name
- Serial/Batch Number
- Manufacturer Contact Information
- Meter Markings for length measurement
- CE Marking

6. Instructions for Safe Use

- Ensure the cable is suitable for the intended audio application and power requirements.
- Install according to local building and fire safety codes, particularly in public or commercial spaces.
- Avoid exceeding the cable's current-carrying capacity to prevent overheating.
- Inspect for physical damage before installation; do not use if the insulation is compromised.
- For in-wall or conduit installations, verify flame-retardant performance requirements.

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 & CPR verified by Rise

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: 05/07/2026

