

## Product Safety Sheet for Sword-IXLR Cables

Product Name: Supra SWORD-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](http://www.supracables.se)



### 1. Product Description

Product Type: High-end balanced analogue XLR interconnect cable for Hi-Fi and professional audio systems, engineered for absolute signal transparency and uncompromised musical fidelity.

Applications: High-fidelity balanced line-level signal transmission in stereo, high-end Hi-Fi, and professional audio systems. Optimised for demanding installations where ultra-low inductance, phase accuracy, and superior noise rejection are essential for lifelike and dynamic sound reproduction. Ideal for connecting DACs, CD players, pre-amplifiers, mixers, and power amplifiers in premium audio environments.

### 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 Sword-IXLR Audio
- Connector System: Permanently mounted Swift XLR connectors with robust locking mechanism, designed for maximum contact stability and long-term signal integrity.
- Conductor Material: High-purity oxygen-free copper (OFC), individually enamelled litz strands.
- Purity: High-grade OFC for maximum conductivity, transparency, and long-term signal integrity.
- Design: Bifilar-wound litz geometry with low-inductance signal path for transparent signal transfer.
- Cross-section: 2 x 1.6 mm<sup>2</sup> / AWG 15 + drain wire
- Insulation: Individually enamelled strands with PE/PP dielectric construction and durable PVC outer jacket
- Shielding: Fully screened Alu/PET foil shielding for superior rejection of electromagnetic and RFI interference.

- Voltage rating: Line-level analogue audio signal use
- 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: Jorgen Wahlsberg

Date: 05/26/2026

