SUPRA® Cables
MADE IN SWEDEN

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Product Safety Sheet for Sword-IXLR Excalibur Cables

Product Name: Supra SWORD-IXLR RHODIUM AUDIO
Manufacturer Information:
Name: Supra Cables / Jenving Technology AB
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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: Sword-I
- 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 mm² / 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: Jörgen Wahlsberg
Date: 05/26/2026

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