GreenLink XLR

Hi-end XLR stereo pair interconnects

The GreenLink XLR delivers remarkable sound quality.

- **The GreenLink XLR (Female to Male) enable full balanced connection of source to amplifier.**
- **Twin "Green" aerospace grade cable configuration contains special silvered copper alloy main conductors and PTFE insulation.**
- **Cable to plug connection contains Anti-resonant visco-elastic polymer.**
- **A dense silver plated OFC copper braiding protects the cable from EMI and RFI and allow superb noise immunity which enables the perception of even the most delicate nuances of live music.**
- **NEUTRIK XLR connectors with golden plated contact pins.**

AR Sound GreenLink interconnect include an anti-resonant polymer within the DIN plugs.

This special high visco-elasticity polymer provides an airborne vibration isolation between the cable and the connected equipment (Pre-amp/Power-amp/Power supply). Another benefit of using this damping polymer is a reduction in the microphonicity of the plug by controlling and lowering the resonance frequency of the plug.

***What is microphonicity?*: Music played in the room produces vibrations in the air and the interconnect, and the vibrating cable transforms this energy into an electric signal that interferes with and distorts the original music signal travelling from the music source to the amplifier. Lowering the distortion caused by a vibrating interconnect is overlooked by most manufacturers.**

The visco-elastic polymer damping any resonance or ringing in the metal plug and the cable, thus preventing it getting into and distorting the source music signal.

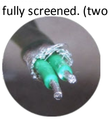
The result is better focus and resolution, with a more solid bass line and dynamic presentation.

Technology

The cable used to compose this special interconnect has been expertly selected from many top quality cables being used in the aerospace industries.

The **AR Sound GreenLink XLR** use a low capacitance wire (115pF/meter).
Low capacitance is an important factor in selecting a proper interconnect.

The **GreenLink XLR** interconnect pair contains **Green** cable pair, each **Green** cable contains two 22 AWG copper alloy twisted pair wires with Teflon™ (PTFE) insulation and fully screened. (two **Green** cables for each channel. close up picture showing one of the two wires used for a single channel:)



The **Green** cable pair allowing the use of one main conductor for hot and the another conductor for return while screen Serves as a protective shield. The **GreenLink XLR** use twin **Green** cable construction. The main pair of conductors in each **Green** cable twisted to further enhance RF rejection of the cable. first barrier avoiding RF noise from penetrating into the cable is the screen and the secondary treatment is the twisting of the internal pair.

The main pair of twisted conductors in each **Green** cable is made of a special, aerospace grade copper alloy carefully selected after extensive listening tests for its superb sonic qualities and durability. the copper alloy wire comprises a silver content which allows for better bonding to the silver solder used to make this superb interconnect.

The interconnect insulation is made of **Teflon™** (PTFE), PTFE is the best insulation material used in the cables industry which has the lowest dielectric absorption.

Using Teflon™ (PTFE) as insulation is a prime consideration in Hi-End interconnects. Teflon maintains a low capacitance and very high resistance between the internal leads which keeps interaction between channels to minimum.

The low dielectric absorption of Teflon allow locating the main conductors in the **Green** cable in very tight configuration- which renders the **Green** very high bandwidth cable while maintaining a low capacitance. Yet another benefit is that Teflon also bonds very tightly to the metal conductors and prevents oxidation of the metal over the years. It is only the high cost of Teflon (PTFE) cables which leads manufactures to choose inferior plastics, such as PVC, as insulation.

Teflon is also highly durable- actually you can put the **AR Sound GreenLink XLR** in the oven at 180 Celsius degrees and nothing will happens to the lead! - except to the rubber gourmet of the XLR connector.

The **Neutrik XLR connectors** contacts are made of gold plated brass and this ensures a superb connection point without pin oxidation over time. The Neutrik XLR connectors have been proved for many years and had established their reputation for robust and reliable performance.

Directionality mark is added at the source side with the logo "AR Sound **GreenLink**"

Sound Quality

The first thing you will notice is details you have missed before. It's as though a curtain over the music has been removed.
The music details you will hear will flow effortlessly, in a natural manner, without any emphasis on the upper-mid frequencies like many "detailed" interconnects do.

The bass region is clean, very fast and solid, free from distortion or time smears.

Superb sounding midrange frequencies - crisp detailed "sweet" vocals enable the listener to follow the singer's words easily.

High frequencies are crystal clear and natural - without any glare. Brasses sounds become devoid of the harsh metallic sound common in many other interconnects. Woodwind instruments are presented with the correct tonal balance and timbre, showing the real sound texture of the wood and lacking the "Plastic" sonic texture of inferior interconnects.

The sound stage is wide and clear, with superb focus.

Technical specifications:

75/100/120 Centimetres of two Shielded twisted pairs per each channel contains four 19/34AWG silvered copper alloy stranded wires.

(total of 1.68 mm square cut for each channel - 4 X 22AWG)

primary conductors Insulation: 1/16" PTFE.

Shield: silver plated OFC copper (92% coverage)

Outside Diameter: 6 mm

External colour: Semi-transparent light green.