



## AR Sound GreenLink

### Hi-end RCA interconnect

#### The GreenLink delivers remarkable sound quality

- Twin Green cable configuration with a selected aerospace grade cable.
- Pseudo balanced configuration- screen serves as true shield for improved noise rejection.

#### Technology

The cable used to compose this special interconnect was selected carefully from many top quality cables being used in the Aerospace industries in order to achieve the highest standards.

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

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

**Pseudo balanced configuration:** The screen at each Green cable serves as a genuine shield which directs the picked up noise to a single point, thus Avoiding the noise build up over the return path conductor- a usual occurrence in Unbalanced Interconnects.



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 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 in the oven at 180 Celsius degrees and nothing will happens to the lead! - except to the rubber gourmet of the DIN connector.

The RCA connectors used are the top quality NEUTRIK™ PROFI, with Gold plated brass contacts and spring loaded earth contact prevents possible noise damage by making ground before signal and braking signal before ground.

The internal soldering pads of the NEUTRIK PROFI connector are silver plated and this ensures a perfect metal bonding in the solder joint between the copper-silver wire of the GreenLink, the silver plated connector soldering pads and the silver Solder.

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 like a curtain from the music that has removed.

The music details you will hear will flow effortlessly, in a natural manner, without any emphasis on any part of the audio frequency spectrum.

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

Superb sounding midrange frequencies and "sweet" vocals enable the listener to hear the correct phrasing and intonation.

The high frequencies are crystal clear, natural and glare free, while brass instruments sounds become devoid of the harsh metallic sound common in many other interconnects.

The GreenLink exhibits a correct sound stage and depth which enables to ear and perceive the correct spatial information of voices and instruments in the orchestra.

#### Technical specifications:

75/100/120 Centimetres of two Shielded twisted pairs - each one (each channel) contains two 19/34AWG copper-silver alloy stranded wires.

(total of 0.84 mm square cut for each channel - 2 X 22AWG per Green or 4 X 22 AWG for GreenLink)

**primary conductors Insulation:** 1/16" PTFE.

**Shield:** silver plated OFC copper- for each Green (two separate shield for GreenLink).

**Resistance:** 48 milliohms/meter (14.6 milliohms/feet).

**Capacitance:** 62 pF/meter (hot to return for each channel).

**Outside Diameter:** 6 mm

**External colour:** Semi-transparent light green.