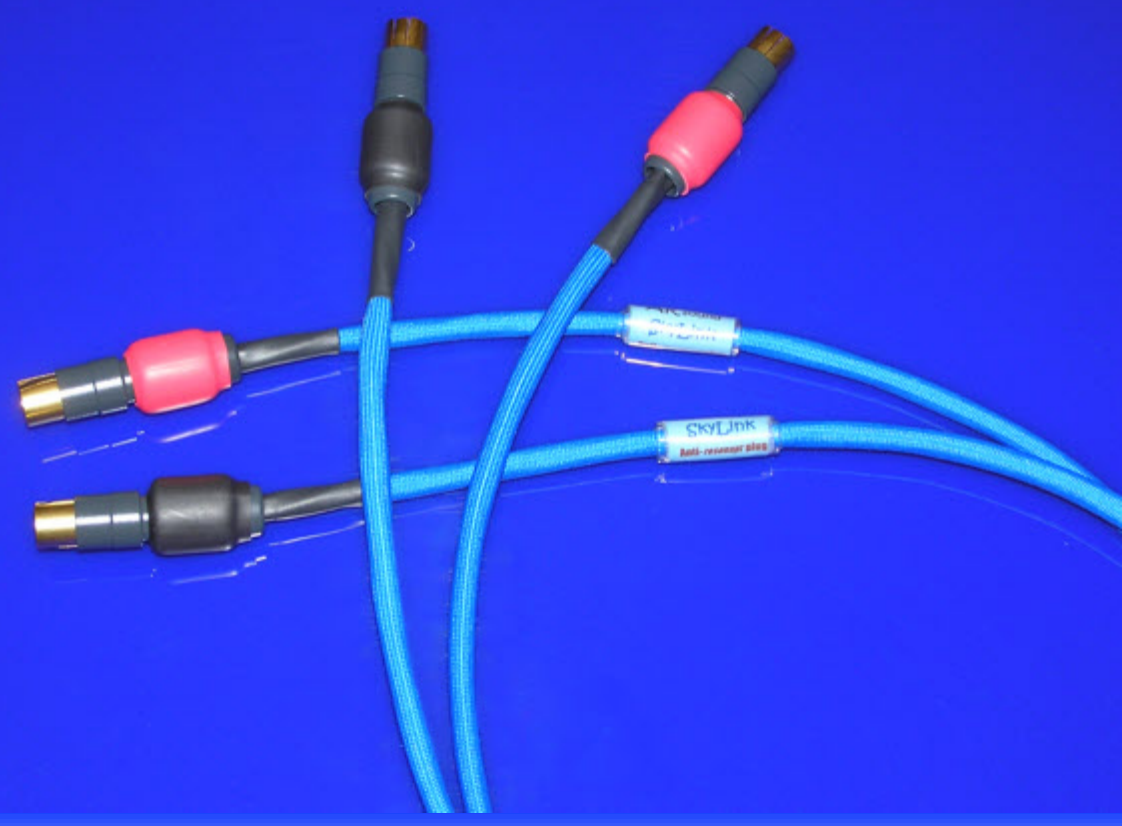


AR Sound SkyLink

Hi-end RCA interconnect



The SkyLink delivers remarkable sound quality

This interconnect is a perfect choice for music lovers who are looking for a top quality analog signal interconnect.

75/100 Cm length is offered- Custom length available by request

The RCA version is based over the successful SkyLink DIN version.

The SkyLink RCA is actually a pair of the SkyLink DIN interconnect version- the RCA plugs enables accepting larger diameter of cable, while this allow the use of SkyLink cable per each channel. Signal and return are using two shielded cables with floating screen configuration which drains the picked-up noise to a single point, thus avoiding the noise build up over the return path conductor.

Both signal hot and return are fully protected from external RF noise.

the twin cable arrangement also enable lowering the capacitance of the interconnect.

AR Sound SkyLink interconnect include an anti-resonant polymer within the RCA plugs. This special high visco-elasticity polymer provides an airborne vibrations isolation between the cable, the CD player (or other source used) and the pre-amp. Another benefit of using this damping polymer is a reduction in the microphonicity of the RCA plug by controlling and lowering the resonance frequency of the plug.

What is microphonicity?: Music played in the room vibrate the air and the interconnect, 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 damp any resonance or ringing in the metal RCA plug and the cable, thus preventing it getting into and distorting the source music signal.

Technology

The AR Sound SkyLink RCA interconnect contains four 21 AWG copper-silver alloy wires with Teflon® (PTFE) insulation for each channel. each two are separately screened and lapped together. The overall cross section of the eight main conductors of the SkyLink RCA is 3 square mm! as usually found in loudspeakers cables and not with an interconnect cables.

This means the SkyLink is a double version of the successful AR Sound SkyLink DIN-DIN interconnect. SkyLink RCA includes damping polymer added to both RCA plugs and use an unique configuration for the return path.

Following an extensive listening tests and design work, the best configuration has been expertly selected in order to achieve the highest possible standards employed by the SkyLink interconnect; The SkyLink use of a double return path and an optimised screen connections.

The result is an outstanding noise floor and an extremely low level resolution that enables the perception of even the most delicate nuances of live music. using a twin-cable configuration with a special care to the return path improved dynamic range to an unbelievable presentation of music.

The interconnect insulation made from 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 an extremely low capacitance and high resistance between the internal leads respectively, which keeps the interaction between channels to a minimum.

The low dielectric absorption of Teflon allows locating the main conductors in the SkyLink cable in a very tight configuration which renders the cable a 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 the 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, for insulation.

Teflon is also highly durable and can withstand extreme temperatures variations and mechanical pressure conditions without any risk of deterioration. actually you can put the SkyLink in the oven at 170 Celsius degrees and nothing will happen to the lead! - except to the rubber gourmet of the DIN connector.

Usually Teflon wires tend to have relatively long "Burn in" period, so it takes about 120 hours for the cable to sound at it best. The SkyLink is offered with few hours of initial burn in period but will need more time to show his best character.



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 SkyLink, the silver plated connector soldering pads and the silver Solder.

The SkyLink is directional interconnect: The source side is marked with the logo "AR Sound SkyLink". please note that the interconnect is directional while in most systems keeping the logo toward the source end will gain the best sound, while in other the other side will sound better so it is recommended to try the interconnect at both direction in order to obtain the best sound.

Sound Quality

The basic sound character of the SkyLink is similar to the successful DIN version, but since it is actually a twin version of the DIN interconnect so it have "more of the same qualities" - better dynamic range, improved low level resolution, deeper bass and also extended highs.

The first thing you will notice is vast of 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 in the upper-mid frequencies like many "detailed" interconnects do.

It allows for a clean, very fast and solid bass region, 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.

Woodwind instruments are presented with the correct tonal balance and timbre, showing the genuine sound texture of the wood.

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

Technical specifications:

For each channel: 75/100 Centimetres of two Shielded twisted pairs - each one contains two 22AWG silvered copper alloy stranded wires.

Eight 22AWG conductors are used for both channels.

primary conductors Insulation: 1/16" PTFE.

Shield: silver plated OFC copper. (each channel use two shielded pairs).

Resistance (primary conductors): ~ 25 milliohms/meter (8 milliohms/feet).

Resistance (return path): ~ 25 milliohms/meter (8 milliohms/feet).

Capacitance: 160 pF for 75Cm interconnect.

Outside Diameter: 6.1 mm

External Jacket: Polyurethane impregnated Fiberglass external sleeve over FEP jacket.

External colour: Blue.

