



## **CLEARVIEW DOUBLE HELIX DIGITAL INTERCONNECT OWNER'S MANUAL**

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### **PERFORMANCE AND DESIGN**

The Clearview double Helix Interconnect is one of the fastest most transparent, most detailed and least colored interconnects available at any price. In independent dealer and audiophile listening tests, it has bested \$1500 Nordost Quattro Fil and \$8000 Audionote Silver Interconnect, not to mention expensive wires from MIT, Cardas, Transparent and Synergistic Research.

The basic design principles that make the Double Helix sound so unsmeared and revealing are:

- Ultra-low skin effect due to ultra-thin (.0025-inch), single strand conductors.
- High purity copper, drawn and tempered to our specification.
- Absolute minimum dielectric (insulation) losses due to a loose-fitting, thin dielectric sleeve, composed of polymer compounds selected by ear.
- Proprietary double helix field-canceling configuration (with our unique grounding scheme) to minimize all signal interactions between the + and – signal conductors.
- The best-sounding, lowest skin effect RCA connectors available in high-end audio, manufactured by us and significantly better sounding than Cardas or WBT or Eichmann.
- Four hours of our proprietary treatment to modify the crystallographic properties of the copper conductors.



- Chemical treatment of the dielectric sleeve to improve surface conductivity.

## INSTALLATION TIPS

**DO NOT USE ANY BREAK-IN DEVICES OF ANY KIND ON OUR WIRES!** They will seriously degrade the sound. Use only music to break in our wires.

**CAUTION:** you can bend the interconnect as much as you wish, but **DO NOT PULL ON IT** with more than a one or two pound force. **NEVER** pull the plug out by yanking on the sleeve.

1. Install the interconnects with the double color band plugs (or plugs marked "source") toward the music source, provided the source component's output is in correct absolute phase. If the source component puts out an inverted phase signal, then you need to reverse the interconnect. If not, you will suffer degraded sonic performance.
2. Firmly grasping only the brass barrel of our RCA plugs, gently plug them in with minimal twisting. Never pull on the ribbon or wire portion of the interconnect.
3. Keep the interconnects away from AC wires, and never running alongside the AC wires. If they need to cross AC wires, have them cross at right angles (approximately). Keep the interconnects away from any plastic; in particular, keep them at least 4 inches away from artificial fiber rugs and plastic wall moldings.
4. A further small improvement can be made by "fluffing" the sleeves so they do not lay flat against the whole length of the wire inside the sleeve. You can do this by blowing into one of the RCA plugs. The sleeve will puff up, then partially collapse. The idea here is to keep as much air as possible between the sleeve and the signal wire inside it.



## **MAJOR SONIC UPGRADE:**

### **NEW RCA PLUGS**

Your new interconnects embody the latest Mapleshade/InSound advance—a radically minimalist new RCA plug, of our own design. New design features include: A special brass alloy, absence of plating for best sound, ultra thin-wall shell and center pin (to minimize skin effect), maximally smooth contours (to eliminate field concentrations at corners) and an all-new, never before used dielectric.

In our very first tests, this new plug amazed us! It represents a much larger advance than we expected over our previous proprietary design. In particular, the improvement in bass power and definition was startling. And it represents an even larger advance over the most expensive and highly touted of today's audiophile RCAs, including WBT, Cardas, and Eichmann.

A cosmetic note: Many of the center pins look off center. This is functionally irrelevant; each and every plug has been tested for both fit and contact resistance in our quality control test fixture.