Manleshade

DOUBLE HELIX 2 SPEAKER WIRE OWNER'S MANUAL

IMPORTANT USER INFORMATION

- 1. DO NOT REMOVE RED AND BLUE COLOR BAND ON THESE CABLES. Removing this marking voids our moneyback guarantee and any warranty for this product. The Double Helix cables are highly directional, so it is very important to keep track of which end is which.
- **2. DO NOT USE ANY BREAK-IN DEVICES OF ANY KIND ON OUR WIRES!** Use only music to break in our wires. "Cable Cookers" and other types of break-in devices will seriously degrade the sound quality of our cable, thus using this type of device will void our moneyback guarantee and warranty for this product.
- **3. DO NOT WALK ON THESE CABLES OR EXPOSE THEM TO SHARP METAL CORNERS.** You can bend the cables as much as you wish, but the scuffing of shoes and other types of abrasion may wear through our insulation. This sort of damage is irreparable and could risk shorting your amplifier.

PERFORMANCE AND DESIGN

The Clearview Double Helix Speaker Cables are among the most detailed, transparent yet warm speaker cables available <u>at any price</u>; their deep bass impact and pitch definition are particularly impressive. In independent dealer and audiophile listening tests, they have bested MIT, Transparent, Nordost and Audioquest cables costing five to ten times as much.

The design principles that underlie the Clearview Double Helix's speed and lack of coloration are:

- Far lower dielectric/insulation losses (which cause harsh, smeared sound) than standard "garden hose" cables, due to ultra-thin dielectric films, under two ten-thousandths of an inch, composed of polymers selected by ear.
- High purity copper wire—drawn, tempered and silver-plated to our specification.
- Thin diameter, single strand wire to greatly reduce skin effect losses (which cause muddy bass, loss of detail and rolled-off treble) relative to "garden hoses". As determined by meticulous listening tests, the diameter chosen optimizes the balance between skin effect losses and resistance losses.
- Proprietary double helix field-canceling configuration with our unique grounding and shielding scheme to minimize all signal interactions between the + and – signal conductor and to eliminate outside electromagnetic interference.

INSTALLATION TIPS

- 1. Install the cables with the smaller band ends at your speaker (this is the end with the green bridging wire between the two bare cable ends). If the output of your amplifier is in correct absolute phase, connect red-banded cable to red speaker and amplifier posts (same for black). If your amplifier outputs an inverted phase signal, switch red for black speaker cables at the amplifier, not at the speaker.
- 2. Avoid laying the cables on (or under) any rug with artificial fibers, engineered wood or laminated floor or on any plastic-tiled floor or along any plastic wall-molding or plastic wallpaper. If you have artificial fiber rugs or plastic tile floors, raise cables at least four inches off the floor with wood blocks or cardboard vees or foamed polystyrene cups or suspend them with non-plastic string or thread. This is true of <u>all</u> cables, not just ours: all makes of cable are severely muddied by the dielectric losses of nearby artificial fibers and plastics.

NOTE ON MAPLESHADE BANANA PLUG TERMINATIONS

Our banana plugs are the best sounding banana connections in high-end audio because they are super thin walled, completely smooth and uncontoured in shape, and unplated. Should they develop a slightly loose fit in the matching banana receptacle, just squeeze the end very lightly to make it *slightly* oval in shape. Use SilClear to make bare wires, bananas and spade lugs sound even better and to permanently prevent oxidation.