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Wireworld Introduces the Headphone Cable Polygraph

Direct connections reveal the full effects of headphone cables

Miami, FL—Wireworld Cable Technology—respected manufacturer of high-performance audio and video cables—is pleased to announce that company founder and president David Salz has introduced a new way to evaluate the sonic performance of headphone cables. The Headphone Cable Polygraph uses a high-resolution music player adapted to drive headphones directly, without a cable. That direct connection provides a lossless reference that creates listening comparisons which reveal the full effects of cables.

“I am thrilled to introduce the Headphone Cable Polygraph, which makes it easy to test headphone cables for musical preservation,” said Salz. “My entire career has been dedicated to developing higher-fidelity cables through better tests, and this one is truly amazing. We now have the opportunity to bring this message to consumers and professionals, raising awareness that adds credibility to high-end audio.”

Tests made with the Headphone Cable Polygraph are much more revealing than a standard cable vs. cable comparison. Comparing one cable to another can reveal *only the differences* between those two cables, which is not the same as showing the *full audible effect* of either cable. The only way to hear a cable’s full effect is to compare it to a direct connection, as when the music player is connected directly to the headphones. We use custom-made, male-to-male adapters for the reference direct connection. This lets listeners identify cable effects much more easily than in normal listening.

The goal of any high-fidelity cable is to minimize the loss of music. However, these tests clearly show that cables color and compress the sound while losing delicate details. We’ve learned that those changes are mostly caused by electromagnetic losses. To avoid those losses, Wireworld’s patented DNA Helix® design channels electromagnetic energy to improve definition, purity, and dynamics.



Wireworld uses the term 'Audio Cable Polygraph' to describe any test that compares audio cables to direct connections. For example, the reference standard for testing speaker cables is to plug amplifiers directly into the speakers. Likewise, audio components can be docked together with plug adapters to provide the reference standard for testing interconnects. In scientific terms, these direct connections are the 'test control'. David Salz has been using these tests to develop cables for 35 years.

Our Headphone Cable Polygraph demonstration systems allow listeners to compare the reference direct connection to Wireworld's Nano Series headphone cables and the original cables that came with our two pairs of Oppo PM-3 headphones. Individuals may also use these systems to test their own cables. The music players are the PonoPlayer and the Questyle QP1R. Most listeners are very surprised when they hear how well these systems reveal the losses and colorations of cables.

Ultra-light and flexible, Nano audio cables are ideal for headphones and portable components. The Nano series includes four levels, Pulse™, Nano-Eclipse™, Nano-Silver Eclipse™ and Nano-Platinum Eclipse™. In addition to DNA Helix conductor geometry, Nano cables also feature Composilex® 2 insulation for surprisingly lifelike tone quality.

Wireworld will showcase the Headphone Cable Polygraph in addition to its full line of cables during CES 2016 in Venetian Tower suite 30-201.

About Wireworld

Wireworld Cable Technology, founded by industrial designer David Salz in 1992, is the premier provider of leading-edge digital and analog cable technology for home audio speakers and video components, from HDMI and USB audio to state-of-the-art high-end interconnects and speaker cables. Wireworld earned its world-class reputation by producing superior cables based on the use of objective perceptual testing, innovative patented designs, premium materials, and exceptional manufacturing quality. For more information, visit www.wireworldcable.com.