SPEAKER CABLES

REFERENCE SERIES V2

The Version 2 Delta, Alpha and Sigma speaker cables feature the new VTX-Ag conductors, Caelin Gabriel's latest innovation in enhanced signal delivery technology. These unique conductors combine a center core of pure silver with a concentric surrounding layer of pure OFE copper. This one-of-a-kind conductor compliment delivers the dynamic and timing advantages of pure silver with the purity of tone associated with the finest copper. The VTX-Ag performance improvement is a revelation compared to any other audiophile grade speaker cable. The new VTX-Ag conductor, coupled with their larger gauge conductors set benchmarks for dynamics, three dimensional scale and timing in sound.

SHUNYATA RESEARCH

shunyata.com

"From the second the cables were connected, it was clear they represented a massive jump in performance."

– Daniel Månsson, AudioNord Sweden

HARP

HARP was discovered during Caelin Gabriel's research into *current drift* and audio frequency current resonances that occur in speaker cables. These resonances are roughly analogous to standing waves (modals) in room acoustics. The exclusive HARP module acts as a current-mode diffraction device that breaks up these resonances, improving the perceived resolution and coherency of the system.

— Improved resolution and clarity

VTX-Ag

Shunyata's **VTX-Ag** cables are uniquely constructed with both an inner, center conductor made of pure silver and an outer concentric ring conductor made of pure copper. It's made using the finest fluorocarbon insulation to minimize dielectric absorption and re-radiation which translates to an improvement in resolution and clarity. VTX-Ag delivers the speed and clarity of silver and the midrange warmth and three dimensional power in the lower octaves of copper without imparting any of the negatives associated with either metal.

— The best qualities of silver and copper combined

KPIP™

Kinetic Phase Inversion Processing was developed by Caelin Gabriel after years of research into the underlying causes of various effects such as burn-in, wire directionality and the effects of cryogenic treatment. He discovered that there was an underlying core principle that burn-in and cryogenics only partially addressed. Once the governing principle was understood it became possible to create a processor that reduces the need for long burn-in periods and eliminates the effects of cryogenic treatment. Four-days of continuous KPIP™ dramatically reduces the sonic ups and downs associated with burn-in, delivering a relaxed and natural presentation.

ArNi™

Sonic Welding

99.99 PURE OFE 101

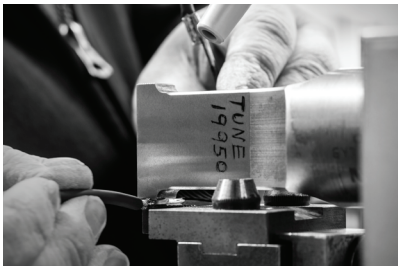
ArNi® wire is the trade name for Shunyata Research's many custom designed conductors. ArNi® wire is used by top electronics and speaker manufacturers because of its refinement and performance. ArNi® begins with the highest purity raw copper and silver metals, including Ohno (single crystal), CCC silver and OFE C10100 conductors. Fluorocarbon dielectrics, another key feature, can be found in aerospace applications due to extremely low dielectric absorption and superb heat resistance. ArNi® wires are pre-treated with KPIP to extract the best performance possible.

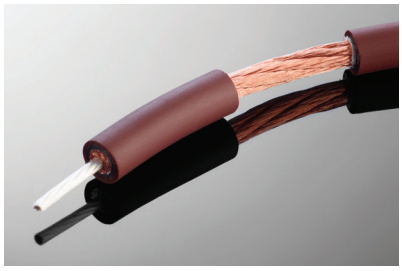
Simple crimping, soldering, brazing and screws are all inferior methods of joining two wires or terminals together. **Sonic welding** uses high-energy sonic waves to literally join two metals together at a molecular level. Cold-welding uses high-energy pneumatic pressure to bond metals. Shunyata Research uses both of these methods to secure connections that do not degrade over time.

— *Superior contact and wire connections*

Shunyata Research uses only highest purity copper for the production of its wire products. **OFE Alloy 101**, or C10100, is the highest grade of copper with a minimum 99.99% purity and a conductivity rating of 101% IACS. OFE stands for oxygen-free electrolytic and supersedes the term OFHC (oxygen-free high conductivity). C10100 is the *only* grade of copper that comes with a written certification of purity.

— *Certified by ASTM F68 C10100*





SIGMA SP

Cable Type	VTX-Ag 04
Conductors	ArNi® OFE
Dielectric	Fluorocarbon
Connectors	SR-SP-z
HARP Module	Dual
KPIP™ Processing	4-days
Standard Length	2.00 meters

ALPHA SP

Cable Type	VTX-Ag 06
Conductors	ArNi® OFE
Dielectric	Fluorocarbon
Connectors	SR-SP-v
HARP Module	Single
KPIP™ Processing	4-days
Standard Length	2.00 meters

DELTA SP

Cable Type	VTX-Ag 08
Conductors	ArNi® OFE
Dielectric	Fluorocarbon
Connectors	SR-SP-v
HARP Module	N/A
KPIP™ Processing	4-days
Standard Length	2.00 meters

Safety Assurance: All models

Continuity and polarity tests — by two technicians

HiPOT tests insulation breakdown @ 1,200 VAC

LIMITED LIFETIME WARRANTY

The unparalleled craftsmanship and build quality of Shunyata Research products is backed by a limited lifetime warranty. This demonstrates our commitment to building the finest products on the planet and providing exceptional customer support.

— VALID ONLY IN THE US AND CANADA —

SHUNYATA RESEARCH

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