



## VENOM-X

### SPEAKER CABLES, INTERCONNECTS AND DIGITAL CABLES

VENOM-X interconnects are the finest examples yet of the innovation and science that has made Shunyata Research products the most heralded of their kind. Designer Caelin Gabriel's goal was to create a series of affordable products with build quality, performance and technology advantages missing from even the most expensive designs. Within the VENOM-X range of cables, Shunyata Research has applied its most consequential conductor refinements, including PMZ (Precision Matched conductor) technology, VTXTM conductors, and premium fluorocarbon dielectrics. Based on exhaustive test results, the VENOM-X range of cables have exceeded every expectation. VENOM-X cable designs offer performance and build quality previously considered unobtainable at two to three times their affordable price points.



SHUNYATA RESEARCH

[shunyata.com](http://shunyata.com)

## GIANT STEPS

The key to the VENOM-X cables performance is their customization, conductor treatments and the foundation of science that underscores all Shunyata Research cable designs. Whether it is the PMZ conductors in the digital cables that eliminates added impedance, or the balanced tone and geometry of VTX™ conductors in the speaker cables, the VENOM-X model cables are poised to become Shunyata's next range of multi-award-winning products.

### THE SOUND OF VENOM-X

What do VENOM-X cable designs sound like? Using live music as a guide, VENOM-X model speaker cables, digital cables and interconnects convey the immediacy, dynamics and propulsion that we might experience at a live event. VENOM-X cables also perform with a beautifully refined voice that is impossible to find anywhere near their reasonable prices. VENOM-X cables convey an inherent sense of transparency, accurate timing and low-level detail that simply does not exist even in some of the world's most expensive cables.

### APPLICATIONS

An integrated VENOM-X system of cables will deliver performance that rivals any other SOTA cable system — often at less than one-quarter of the cost. VENOM-X cables are specifically designed to deliver jaw-dropping performance in systems of all types, whether solid-state, digital, tube and analog. Even right out of the box, one listen to the VENOM-X interconnects, speaker cables and digital cables will convince even the most hardened skeptics of their inherent design pedigree and performance.

VENOM-X-SP



## TECHNOLOGY



VTX

Shunyata Research's exclusive **VTX™** conductors are made in the shape of virtual tubes. The core of the conductor is completely hollow, minimizing skin effects and random eddy currents. They are produced using OFE Alloy-101.



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 need for cryogenic treatment.



Precision Matched Z

Shunyata's digital cables are produced using a **Precision Matched Impedance** cable geometry — PMZ. This means tolerances of the conductor surface, dielectric extrusion, and the precision of the braided shield are held to minute variances. To achieve tight tolerances, extrusion and braiding machines must be run at one-quarter speed during manufacturing. Better performance is achieved through a reduction of cable-induced signal jitter.

— Definition:  $Z = \text{impedance}$



## VENOM-X SP

|                         |              |
|-------------------------|--------------|
| <b>Conductors</b>       | 8 Gauge VTX™ |
| <b>Dielectric</b>       | Fluorocarbon |
| <b>Connectors</b>       | STIS v3      |
| <b>KPIP™ Processing</b> | 4-days       |
| <b>Standard Length</b>  | 2.00 meters  |



## VENOM-X XLR

|                         |                        |
|-------------------------|------------------------|
| <b>Conductors</b>       | Silver-copper alloy    |
| <b>Dielectric</b>       | Fluorocarbon           |
| <b>Connectors</b>       | Platinum Plated Copper |
| <b>KPIP™ Processing</b> | 4-days                 |
| <b>Standard Length</b>  | 1.00 meters            |



## VENOM-X RCA

|                         |                        |
|-------------------------|------------------------|
| <b>Conductors</b>       | Silver-copper alloy    |
| <b>Dielectric</b>       | Fluorocarbon           |
| <b>Connectors</b>       | Platinum Plated Copper |
| <b>KPIP™ Processing</b> | 4-days                 |
| <b>Standard Length</b>  | 1.00 meters            |



## VENOM-X RCA PHONO

|                         |                        |
|-------------------------|------------------------|
| <b>Conductors</b>       | Silver-copper alloy    |
| <b>Dielectric</b>       | Fluorocarbon           |
| <b>Connectors</b>       | Platinum Plated Copper |
| <b>Ground Wire</b>      | Venom CGC              |
| <b>KPIP™ Processing</b> | 4-days                 |
| <b>Standard Length</b>  | 1.00 meters            |



## VENOM-X S/PDIF

|                         |                        |
|-------------------------|------------------------|
| <b>Conductors</b>       | PMZ                    |
| <b>Dielectric</b>       | Fluorocarbon           |
| <b>Connectors</b>       | Platinum Plated Copper |
| <b>Impedance</b>        | 75 ohms                |
| <b>KPIP™ Processing</b> | 4-days                 |
| <b>Standard Length</b>  | 1.00 meters            |



## VENOM-X CLOCK-75

|                         |                        |
|-------------------------|------------------------|
| <b>Conductors</b>       | PMZ                    |
| <b>Dielectric</b>       | Fluorocarbon           |
| <b>Connectors</b>       | Platinum Plated Copper |
| <b>Impedance</b>        | 75 ohms                |
| <b>KPIP™ Processing</b> | 4-days                 |
| <b>Standard Length</b>  | 1.00 meters            |



## VENOM-X AES/EBU

|                         |                        |
|-------------------------|------------------------|
| <b>Conductors</b>       | PMZ                    |
| <b>Dielectric</b>       | Fluorocarbon           |
| <b>Connectors</b>       | Platinum Plated Copper |
| <b>Impedance</b>        | 100-110 ohms           |
| <b>KPIP™ Processing</b> | 4-days                 |
| <b>Standard Length</b>  | 1.00 meters            |



## VENOM-X ETHERNET

|                         |             |
|-------------------------|-------------|
| <b>Conductors</b>       | ArNi OFE    |
| <b>Dielectric</b>       | PTFE        |
| <b>Connectors</b>       | SR-RJ45     |
| <b>Impedance</b>        | 75 ohms     |
| <b>KPIP™ Processing</b> | 4-days      |
| <b>Standard Length</b>  | 1.50 meters |



## VENOM-X USB

|                         |              |
|-------------------------|--------------|
| <b>Conductors</b>       | PMZ          |
| <b>Dielectric</b>       | Fluorocarbon |
| <b>Connectors</b>       | SR-USB       |
| <b>Impedance</b>        | 90 ohms      |
| <b>KPIP™ Processing</b> | 4-days       |
| <b>Standard Length</b>  | 1.50 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 —

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## SHUNYATA RESEARCH

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