



## OMEGA SPEAKER CABLES

DRIVEN BY SCIENCE



The Omega speaker cables represent the most scientifically advanced cable design in Shunyata Research's history. More than a quarter century of research and development have produced a masterpiece in both design and performance. The Omega system represents a showcase for Caelin Gabriel's patented science and innovative design acumen. The Omega speaker cables transcend expectations, delivering a truly immersive, three-dimensional listening experience.

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**SHUNYATA RESEARCH**

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# OMEGA TECHNOLOGIES

## ELIMINATING ALL PERFORMANCE CONSTRAINTS



### OMEGA ETRON®

More than a decade ago, designer Caelin Gabriel developed the patented **ETRON® technology**. Since then, he has continued to refine the original circuit's design, measurably reducing dielectric-induced signal distortion to an almost non-existent level. Gabriel has developed a more advanced version of the ETRON® circuit to augment the Omega speaker cable's HARP™ and TAP™ technologies.

The audible and measurable performance improvement of the ETRON® circuit has clearly demonstrated its ability to visibly improve signal square-wave response.

The impact this scientific advancement delivers is startling, even when compared to a major component upgrade.



### OMEGA HARP™

**HARP™ technology** was created through Gabriel's research into current-drift and cable-induced signal reflections. HARP™ reduces audio frequency current transfer function resonances that can audibly smear transient response and obscure low level resolution.

Gabriel's original design consisted of a single-element circuit that had proven to be quite effective at lowering perceived distortion while increasing resolution in Shunyata Research's Alpha v2 and Sigma v2 speaker cable lines.

Gabriel developed a far more complex four-element HARP™ circuit exclusively for the Omega speaker cable. The Omega "quad-HARP" audibly reduces current resonance distortions throughout the audio frequency band. HARP™ technology, perhaps more than any previous innovation, is responsible for the Omega speaker cable's vanishingly low noise floor, unparalleled low-level signal recovery and its stunning dynamic contrasts.



### OMEGA TAP™

**TAP™ (Transverse Axial Polarizer)** is a patent-pending technology that reduces signal polarization distortion. A simple analogy for Omega TAP™ is how polarized sunglasses reduce glare on a sunny day.

The application of TAP™ technology in the Omega speaker cables delivers a significant increase in resolution and a drop in the noise floor that simply cannot be achieved by another method or technology. The fact that this technology is passive and does not alter or impede current flow or signal transfer is in keeping with Gabriel's core design principle of preserving a pure and unfettered signal path.



## OMEGA KPIP™

Shunyata Research uses its iconic **KPIP™ process** to pre-condition virtually *all* conductors and metals in its cables and power products. The KPIP™ process elevates the performance of all Shunyata Research products.

Due to the massive size of the Omega conductors they undergo an unprecedented 8 days of processing, ensuring that they deliver optimal peak performance. *(A settling period 48-72 hours is all that is required to eliminate the effects of shipping)*



## OMEGA VTX-Ag™ Conductors

Omega speaker cables are made from Shunyata Research's **VTX-Ag™ conductors** that feature an outer hollow core of pure Ohno Continuous Cast Copper, married to an inner solid core of pure silver. The result is an extraordinary sense of tonal purity, combined with an authoritative dynamic expression.

OMEGA Terminations



OMEGA (detail)



Möbius Cable Suspension



## OMEGA TERMINATIONS

**Omega demands the ultimate in connector quality to realize its performance.**

The Omega speaker terminal's base metal is made from the purest OFE copper and finished with a pure platinum plating. These terminals deliver a crystalline sonic clarity, propulsive bass extension and a rarely achieved naturally rich tone.

## Möbius Cable Suspension System

The **Möbius Cable Suspension System** is an integral part to the performance of the Omega speaker cables. It provides the most advanced cable isolation and support solution on the market. The Möbius features five polymer bands that sandwich the cable on all sides. These energy-absorbing bands have the unique ability to dissipate vibrational energy that travels along the surface of the cable and through the floor. The Möbius renders a significant reduction in perceived noise and time smear, yielding improved focus, clarity, depth, and spatial information.

*Eight Möbius wheels are included with each Omega speaker cable pair.*

*One additional Möbius is included for each additional half meter of additional length.*

## OMEGA Performance

Omega speaker cables eliminate multiple layers of distortion, allowing previously hidden details to emerge from a deep well of silence. Gabriel's innovative designs and advanced technologies allow the Omega speaker cables to deliver natural tonal balance while revealing the dimensional presence and palpable scale that is otherwise present in a live performance.

## Applications

Omega speaker cables are designed to be paired with the worlds finest electronics and speaker systems.

**Combining the Omega speaker cables with a full loom of Omega digital and interconnect cables brings to fruition the full realization of Caelin Gabriel's vision.**



## Ω OMEGA SPEAKER

<b>Cable Type</b>	ETRON®
<b>Conductors</b>	VTX-Ag™
<b>Wire Gauge</b>	4 AWG
<b>Dielectric</b>	Fluorocarbon
<b>Connectors</b>	Carbon fiber, Platinum
<b>TAP Modules</b>	4 per cable
<b>HARP Technology</b>	quad-HARP
<b>Möbius Suspension</b>	8
<b>KPIP™ Processing</b>	8 days
<b>Standard Length</b>	2.50 meters

Color theme choices: Grey/Platinum **or** Black/Gold

## Ω OMEGA JUMPERS

<b>Conductors</b>	VTX-Ag™
<b>Wire Gauge</b>	4 AWG
<b>Dielectric</b>	Fluorocarbon
<b>Connectors</b>	Platinum Ag
<b>KPIP™ Processing</b>	8 days
<b>Standard Length</b>	0.25 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.

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26273 Twelve Trees Lane, Poulsbo, Washington 98370  
360 598 9935 | [www.shunyata.com](http://www.shunyata.com)

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