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ETI

‘We live for great design, good music and inspiring art. We work to redefine the way you enjoy your music. We love the way our products embody the true clarity of sound.’



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The year that changed everything

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Redefining how you always understood your sound

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The best conclusion to your cables

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These will make all the difference

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Engineered for the upper echelons of high end audio performance

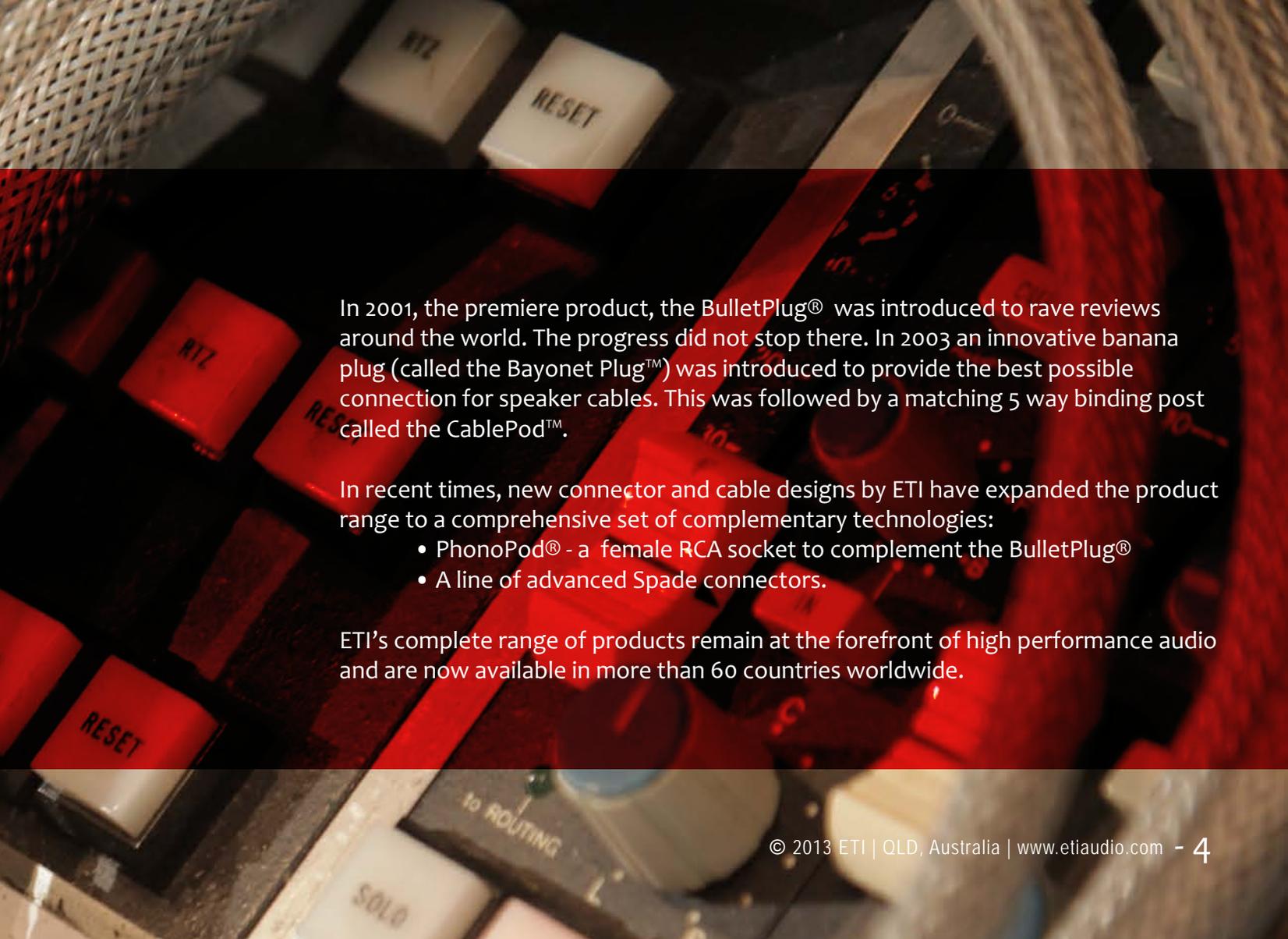
30 CablePod™
Fit your plugs, spades or bare wires

Year One

Rob Woodland and Keith Eichmann crossed paths in 1998. Keith had an obsession with electrons, Rob an obsession for sonic purity and musicality. Together they shared a passion for high performance audio. The result was Eichmann Technologies International - now ETI.

Keith focused his attention at the atomic level with a commitment to not only preserving, but enhancing electron flow. The sonic results from the application of his theories were ground breaking. The revolutionary ideas represented a paradigm shift in cable and connector design, forever raising the benchmarks for sonic performance.

RTZ



In 2001, the premiere product, the BulletPlug® was introduced to rave reviews around the world. The progress did not stop there. In 2003 an innovative banana plug (called the Bayonet Plug™) was introduced to provide the best possible connection for speaker cables. This was followed by a matching 5 way binding post called the CablePod™.

In recent times, new connector and cable designs by ETI have expanded the product range to a comprehensive set of complementary technologies:

- PhonoPod® - a female RCA socket to complement the BulletPlug®
- A line of advanced Spade connectors.

ETI's complete range of products remain at the forefront of high performance audio and are now available in more than 60 countries worldwide.



Why ETI?

No other company strives for uncompromised audio quality with the same determination and understanding as ETI.

Proudly Australian owned and operated, we thrive on a strong company ethos that values innovation, high performance and quality manufacture. ETI Audio products emerge consistently from competitor and class comparisons with a reputation for the best music reproduction. Creation and development of each product takes in years of science and engineering. From the traditional to the eccentric, no concept or idea escapes our design and evaluation processes.

Every detail in a system makes a difference. Passionately believing this and knowing that our customers enjoy the benefits of high performance audio motivates us to maintain our standards and continue pushing beyond the boundaries.



A paradigm shift

Move an electron from Point A to Point B without varying it. Keep the electron intact through its entire transition from one component to the next.

This is the simple design goal of ETI's high performance audio products.

Our most famous contribution to high performance audio design is the purposeful and calculated difference between the return and the signal carrying conductors with benefits to the signal flow – this is the essence of the Eichmann Ratio™.

In every product design we strive for innovation that attains better audio performance. The basic areas of connector design that we evaluate are:

- Geometry – calculated and engineered to streamline the flow of electrons.
- Mass – the optimum mass to avoid skin effect, but also ensure the full frequency range is available.
- Materials – strength, reliability and minimising the EMF effect of the structure on the signal.
- Metallurgy – we do not waste the effort gained in the other aspects of our designs by compromising with metals less than Copper or Silver.

All these fundamental elements are critical to controlling the conductivity, resistance, inductance, capacitance and minimising EMF, EMI and RFI.

Conductivity Comparison

Metal	Conductivity
Silver	105%
Annealed Copper	100%
Tellurium Copper	95%
99.5% copper / 0.5% tellurium	
Gold	75%
Rhodium	35%
Brass (high copper)	28%
Nickel	24%
Platinum	16%

Expert knowledge and resources within ETI, and collaboration with respected industry leaders, guarantees that ETI products can be relied on for performance and quality.

Our R&D process is a strong balance between engineering and hours of testing and listening.





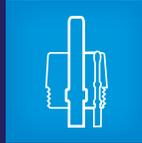
MALE RCA
BULLETPLUG®

Brass Bullets

Tellurium Copper Bullets

Pure 4N Silver Bullets

Hybrid Bullets



MALE RCA
BULLETPLUG®
ACCESSORIES

Aluminium Housings

Brass Matte Etched Housings

Polymer Housings

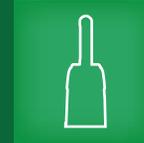
Silver Bullets

Copper Bullets

Brass Bullets

Silver Solder

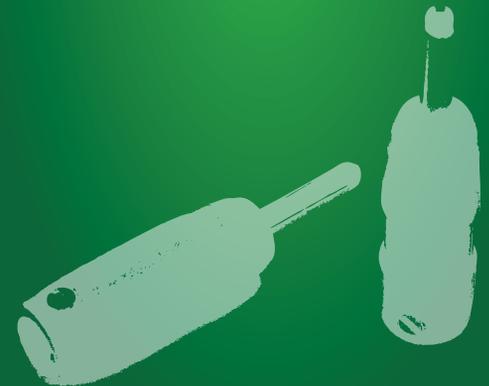
Rubber Grommets



BANANA CONNECTOR
BAYONET PLUG™

Annealed Tellurium Copper

Pure 4N Silver





SPEAKER CONNECTOR
SPADES®

Unplated OFHC Copper

Gold Plated OFHC Copper

Silver Plated OFHC Copper



FEMALE RCA
PHONOPOD®

Gold Plated Eichmann Pods

Silver Plated Eichmann Pods

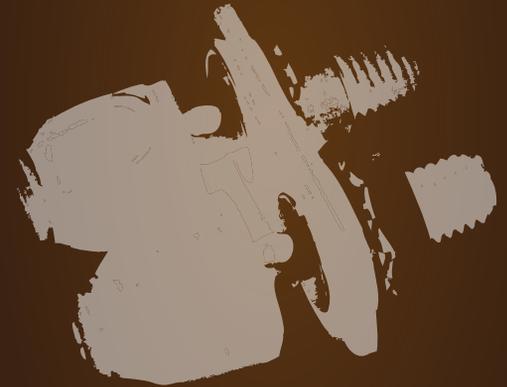
XTC PhonoPods (10 micron)

HC-XTC PhonoPods (20 micron)



BINDING POST CONNECTOR
CABLEPOD™

CablePod (Mounting Kit)





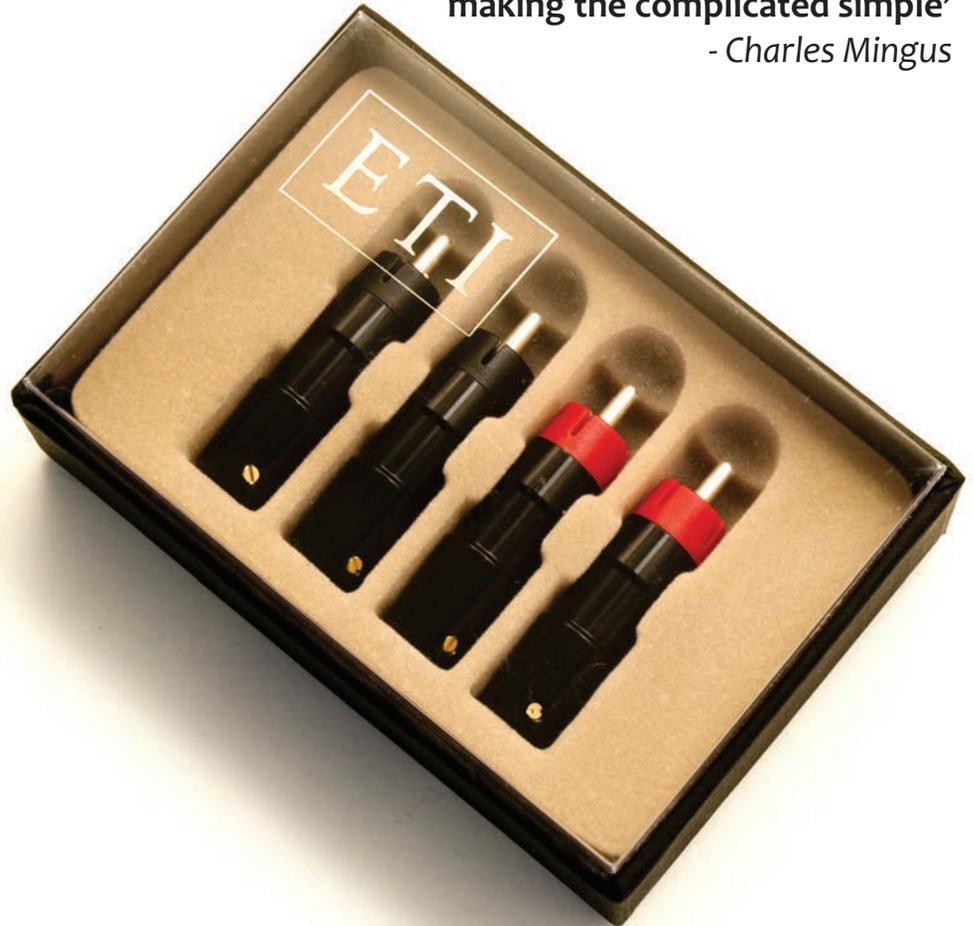
MALE RCA
BULLETPLUG®

Unplated fine Silver (99.99%) or Tellurium Copper only. No Brass, no Nickel. Clean, unrestrained conductivity for the purest listening experience.

Patented design. Single-point star ground eliminates eddy currents and reduces electron turbulence.

Elegant geometry creates low mass conductors for reduced capacitive and inductive reactance, while high strength polymer parts minimise EMF, EMI and RFI influences.

'Anyone can make the simple complicated, creativity is making the complicated simple'
- Charles Mingus





Hybrid Bullets
(w/ Brass Housing)

Tellurium Copper or
Brass Bullets



Pure 4N Silver
Bullets



SPECIFICATIONS

Conductors

Brass

Tellurium Copper

Pure 4N Silver

Hybrid

(TeCu core pin and Pure 4N Silver return pin)

Construction

High strength, temperature resistant,
electrically inert polymer
over-moulds and injection moulded
parts

Impedance

Determined by the cable

Housing

ABS polymer
(ID 9.25mm, total length 37.5mm)

Aluminium

Brass



MALE RCA
BULLETPLUG®

The ETI BulletPlug® represents a radical departure from conventional RCA designs. The ETI BulletPlug® is a minimalist design for maximum performance. Thickness, mass, materials, and contact surface area have been optimised to maintain signal integrity better than any other RCA connector on the market.

Most audio/video cables are made from highly conductive annealed Copper or Silver wires, compromisingly terminated with low conductive, nickel and gold-plated brass RCA plugs. Annealed copper has a conductivity rating of at least 100% IACS (International Annealed Copper Standard). Brass has a conductivity rating of 28% IACS.

Specifically the traditional return/ground collar impairs electron flow through:

- **Eddy current distortion** — as electrons proceed to and from the RCA socket into the collar through multiple contact points the equivalent of electron turbulence occurs and signal degradation results.

- **Capacitive distortion** — where gaps exist between the socket and collar.

- **Micro-arcing distortion** — an electrical short that can occur where gaps exist between the socket and collar.

RCA plugs are coaxial designs (metal return/ground surrounding signal pin) where an impedance effect is naturally occurring. Impedance has a varied and adverse impact on performance.

The ETI BulletPlug® solves this with a return pin that makes single point contact with the side wall of an RCA socket — concentrating electrons to one point thereby reducing distortion. In our patented design, we use a similar approach to “star earthing (grounding)” used in amplifiers.

For ultra conductivity ETI also offers the BulletPlug® in pure silver. Utilising the same patented RCA blueprint, the Silver ETI BulletPlug® provides enhanced conductivity for what is arguably the absolute best level of performance available.

The quality of the RCA plug can have a disproportionate effect on the final performance of the system. This is easy to understand when two points are taken into consideration.

1. The delicate nature of the tiny millivolt-level signals flowing through a system’s interconnect, digital, and video cables.
2. The number of times these signals cumulatively travel through RCA connectors (usually low-conductive ones) enroute to their destination.



MALE RCA
BULLETPLUG®

Accessories



Aluminium
Housings



Brass Housing
(Matte)



Polymer
Housings



Rubber
Grommets
Big & Small
Diameter



Silver
Solder



Copper or Brass
Bullets



Silver
Bullets





BANANA CONNECTOR
BAYONET PLUG™

The Bayonet Plug™ is a totally new approach to loudspeaker cable connection.

The Bayonet Plug™ represents a complete rethinking of the basic structure of the banana plug, and offers enhanced electron flow, improved signal flow, and higher resolution in a banana plug compatible form.

**'If music be the food of love,
play on.'**
- William Shakespeare



Pure 4N Silver
Bayonet Plug™

SPECIFICATIONS

Conductors

Tellurium Copper or Pure 4N Silver

Construction

High strength, temperature resistant, electrically inert polymer over-moulds and injection moulded parts

Impedance

Determined by the cable

Housing

ABS polymer



Annealed Tellurium Copper
Bayonet Plug™



BANANA CONNECTOR
BAYONET PLUG™

It is our contention that the Bayonet Plug™ is not only the best sounding banana plug available, but it also outperforms many spade connectors, and in some cases even bare wire connection.

It is important to note that the overriding design goal—the most salient theme in the overall process—was superior sound quality in a banana plug compatible connector.

Secondly, it was important that this design also incorporate a positive locking mechanism that would offer secure connection without degrading sound quality.







SPEAKER CONNECTOR
SPADES®

The ETI Spade connector is the best for optimising the performance of your speaker cables.

With a superior metallurgy, the spades use gold flashing or a heavy micro-plating silver over an oxygen free high conductivity copper (OFHC) base.

Optimised thickness, mass and surface area for reduced reactance, solid bass and uninhibited electron flow for smooth and detailed music reproduction.



‘Engineered to set the benchmark for quality connection.’

SPECIFICATIONS

Conductors

Oxygen Free High Conductive Copper (unplated)
Silver plated
Gold Plated

Construction

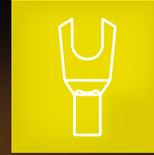
Plain or plated OFHC Copper

Extras

Options are available for
unplated OFHC copper spades or Hybrid
combinations (2 silver, 2 gold)







SPEAKER CONNECTOR
SPADES®

Our latest speaker cable terminations give audiophiles the pleasure of surprising sonic improvement in resolution and musicality.

This fresh design achieves musical supremacy amongst spade connectors through superior conductivity characteristics. The key elements to unlocking unique high performance are low mass, and streamlined geometry for steady, unimpeded electron flow and minimal EMF interference.



FEMALE RCA
PHONOPOD®

Tellurium copper body. No Brass, no Nickel. Clean, unrestrained conductivity for the purest listening experience.

Elegant geometry creates low mass conductors for reduced capacitive and inductive reactance, extended bandwidth and better high frequency response. Hear more detail than you realise existed.

Unique chamfer through locking thread provides a path of least resistance for enhanced electron flow.



*The RCA connector for
audio electronics
finally has a
counterpart! The
'Female BulletPlug®'
has arrived!*

SPECIFICATIONS

Conductors

Gold flashed Tellurium Copper

Insulation

Teflon®

Hole Diameter

12mm with washers, 10mm
without

New Products

From 2014 the Silver Plated
Eichmann Phonopods will be
available with a Silver Plated
Tellurium Copper Body and a Pure
Silver Core Pin.

Eichmann
Phonopods



HC-XTC Phonopods
(20µ GOLD PLATING)



XTC Phonopods
(10µ GOLD PLATING)



FEMALE RCA
PHONOPOD®

The redefined ETI PhonoPod® HC-XTC performs at the same trailblazing level as the legendary BulletPlug®.

High fidelity performance has been achieved with the ETI PhonoPod® range resolutely without giving into compromise. No other female RCA connector on the market can boast the open and airy, coherent music that can be achieved with the ETI PhonoPod®.

The results are low self inductance, the elimination of RF reflections, true 75 Ohm impedance, manufacturer friendly installation and unflinching durability. Frequency bandwidth is unparalleled, the detail stuns the most experienced listeners.



A close-up photograph of several brass audio connectors and white O-rings. The connectors are made of polished brass and feature a threaded section with a central pin. One connector in the foreground is shown in detail, revealing its internal structure and a white O-ring. The background is dark, making the metallic components stand out.

Key design elements are:

- Lengths and masses of signal and return pins calculated carefully to correspond with S/G Ratio determinants.
- Low mass hollow signal conductor design. Reduced inductive reactance for superior, extended bandwidth, better high frequency response, and better sound.
- Matched to the thinnest possible, low mass ground outer shell that transmits the ground signal at lightning speed away.
- Superior metallurgy.
- Gold plating over machined Tellurium Copper – no Nickel, no Brass, no Bronze – for extreme conductivity and better signal transfer.



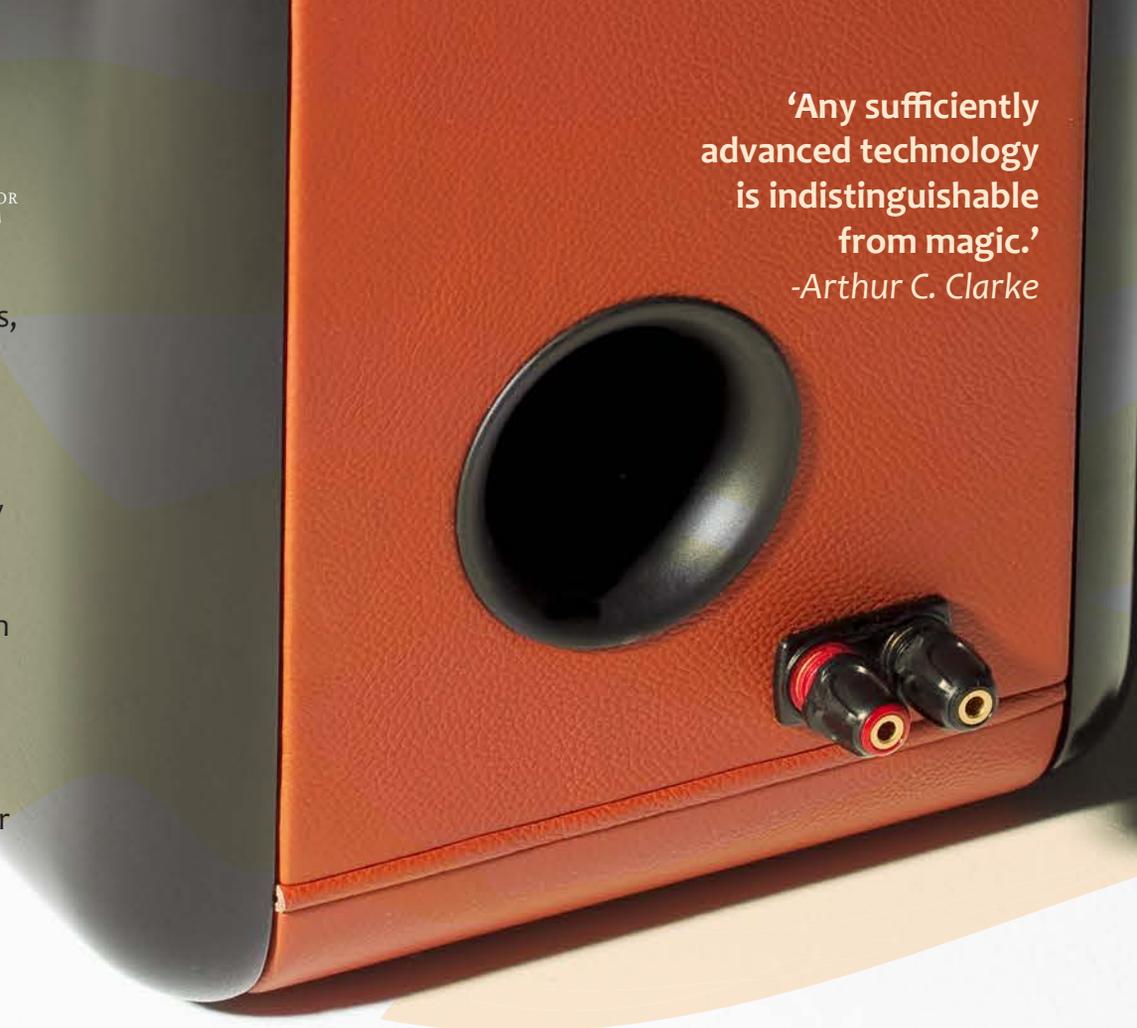
BINDING POST CONNECTOR
CABLEPOD™

Tellurium copper pin. No Brass, no Nickel. Clean, unrestrained conductivity for the purest listening experience.

Elegant geometry creates low mass conductors for reduced capacitive and inductive reactance, while high strength polymer parts minimise EMF, EFI and RFI influences.

Proprietary clamping mechanism. Telescoping collar securely captures spades and bare wire without rotational abrasion.

'Any sufficiently advanced technology is indistinguishable from magic.'
-Arthur C. Clarke



S2R Customisable Speaker
with CablePod Connectors



Brass Nut



Polymer Nut



Loose Pair

SPECIFICATIONS

Conductors

Gold-flashed Tellurium Copper

Construction

High strength, temperature resistant, electrically inert polymer over-moulds and injection moulded parts

Spade locking mechanism

Telescoping clamp, non-abrasive

Maximum chassis wall thickness 8mm

Hole size 8.5mm

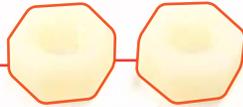
Maximum protruding height outside the enclosure is 29mm and maximum protruding diameter is 18mm

Maximum protruding depth inside the enclosure is 13mm (2mm wall thickness) or 7mm (8mm wall thickness) and maximum protruding diameter is 16.5mm (around the washer)



BINDING POST CONNECTOR
CABLEPOD™

POLYMER NUTS



Brass
Mounting Kit



Polymer
Mounting Kit





Rather than sandwiching the spade or bare wire between two metal surfaces, we created a unique telescoping mechanism in which a high strength polymer captures the speaker termination and presses it snugly against a single metal conducting surface. The reduced mass of metal and the unique clamping mechanism provide both better sound and a more secure connection.

Not until now has so much attention been given or time devoted to improving the electron flow, signal integrity, and sound quality in a binding post. The ETI CablePod™ offers improvements in these areas of such significance they simply must be heard to be believed.

Don't compromise your loudspeakers or amplifiers. Use CablePod™ for the cleanest signal transfer.