



SILTECH

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International Audio Holding, the globally renowned company behind the high end audio brands Siltech and Crystal Cable, has its roots firmly in the landscape of Dutch engineering technology. Siltech's history starts in the little Dutch town of Elst, near WWII-famous Arnhem, with the establishment of Siltech (Silver-Technology). When Edwin Rijnveld, electronic engineer by profession and music lover by heart, took over the company in the mid-nineties Siltech became the innovative brand as we now know it.

For decades, Siltech has been producing pre-eminent audio cables, products whose qualities have been recognized around the world, year after year.

To accurately reproduce music, its full scale and power, its delicacy and nuance, the cables in a system must preserve and protect every tiny shift in the signal, even the smallest change in level or content, at both ends of the dynamic range: to achieve that they must combine the best possible conductivity and termination with proper protection from mechanical or electromagnetic interference - and they must maintain that performance over time.

Interference and long-term degradation effects so small that they challenge the threshold of conventional measurement can still be ruinously destructive to fragile musical signals. You can only deliver the best performance if you balance conductor type and size, insulation materials, cable topology and terminations against price and function.

Making the best cables takes years of experience and accumulated knowledge, the development of new techniques and proprietary technology – and a willingness still to learn...At Siltech, we constantly invest in the very latest and most sensitive measurement equipment and research, with results that are as scientifically illuminating as they are musically impressive – year, after year, after year.

Siltech - The Product of Sound Engineering



SILTECH

SILTECH CABLE SERIES

Explorer Series

For years our products have been synonymous with silver conductor technology, prized for its incredible performance and longevity. But that quality is quite costly. After extensive research and long-term testing we found a way of producing an extremely pure, 6N mono crystal copper, with superior conductivity and without the contaminants that de-grade cable performance over time. Combining this revolutionary metallurgy with our proven, twisted twin co-axial, self-shielding, low-loss construction and unique twin-layer Kapton/Teflon insulation we have created the Explorer Series cables that deliver genuine Siltech quality at a more affordable price, together with superb protection from mechanical, RF and EM interference. Built in The Netherlands to the same exacting standards as all Siltech products, using dedicated Siltech terminations, the result is a comprehensive cable family, with three levels of interconnect, two speaker cables, USB, FireWire and a power cord to meet every system requirement.



Siltech's signature low-distortion sound is instantly recognizable, and the Explore Series is no exception, delivering the superb dimensionality, staging, low colouration, high resolution, accurate harmonics and realistic musical expression that audiophiles have come to depend on. When Siltech does copper, you know that it is no ordinary copper – and the Explorer Series delivers no ordinary performance.

Interconnect cables : 90i, 180i, 180ix

Loudspeaker cables : 90L, 180L

Power cables : 270P

FireWire/USB cables : 45FW, 45USB

Classic Anniversary Series

The Classic Anniversary Series was developed to commemorate 25 years of high-end audio cables from Siltech. Built on the foundation of the legendary Siltech Classic Series, cutting-edge research into electro magnetic interference effects, has been combined with precision micro-engineering to create the quietest Classic cables ever made – 10,000 times quieter than the competition! By adding G7 silver-gold alloy conductors to this refined twisted-twin co-axial construction, we are able to further reduce low-level signal distortion, raising musical performance to a whole new level.

Our audio systems exist in an increasingly hostile environment, under attack from ever more RF pollution, wireless devices, mobile-phones and computers. Yet Classic Anniversary delivers improved musical performance, its silent background and low-distortion delivering music rich with detail and dimensionality, accurate tonal colour and weight, lightning fast transient response and sudden shifts in dynamic range. With four levels of interconnect, three speaker cables and two power cords, as well as a full suite of dedicated digital cables, there's a Classic Anniversary cable for every requirement, their accurate, low-loss performance ready to reveal what's being hidden by your system as well as what's hidden in your recordings.

Interconnect cables : 330i, 550i, 770i, phono
Loudspeaker cables : 330L, 550L, 770L
Power cables : SPX-380, SPX-800
Digital/Video cables : CMP-3, CMP-5, HF, HDMI
FireWire/USB cables : Model FW, Model USB



Crown Series

To commemorate 35 years of cable excellence, we introduced the Crown Princess interconnect cable, a limited edition model combining many of our inventions and demonstrating our development. Siltech is proud to present this pure and advanced monocrystal silver conductor cable. We believe its outstanding musicality is yet another proof of our concept. Its fantastic performance made it an easy decision to develop a brother: the Crown Prince speaker cable.

With the Crown Prince Power cable we have completed this special series.

All three cables are built on the foundation of monocrystal silver conductors and high-grade insulation materials and they perfectly work together to get the best out of your system. We believe the outstanding musicality these cables demonstrate is yet another proof of our concept. Technological advancements and extensive research during the past 35 years have brought Siltech's products to a whole new level, but our eagerness to reach higher remains the same; because as technology and our level of knowledge develops, our definition of perfection develops too.

That is why we believe our years of excellence are no accident.

Interconnect cables : Crown Princess
Loudspeaker cables : Crown Prince
Power cables : Crown Prince Power



















Royal Signature Series

The Royal Signature Series high-end cables embody every last ounce of Siltech's knowledge and technology. The twisted twin co-axial construction used in the Classic Anniversary and Explorer series delivers a perfect balance of performance, price and practicality, its elegant self-shielding topology eliminating both unnecessary elements and the performance compromises that go with them.



But once performance becomes paramount, the rules change. An external, circumferential shield can produce even better results – but only if you can space it far enough away from the conductors. Thick and stiff external insulation imparts added mechanical isolation. That means cables that are heavy and less flexible, but once heard we think you'll agree, that's a small price to pay given the performance on offer.

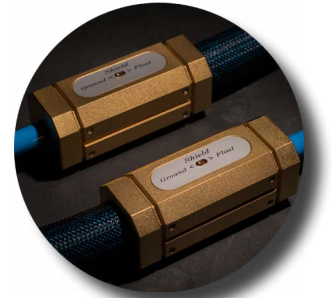
Those substantial casings contain our latest G7 silver/gold alloy or, in the Crown Series cables, our revolutionary (and incredibly costly) S8 silver mono-crystal conductors, combined with advanced insulation materials and precision manufacturing techniques to create a genuinely state-of-the-art family of eight interconnects, five speaker cables, three power cords and no fewer than eight digital cables, including USB and FireWire. Breathtakingly accurate and musically involving, the Royal Signature Series are the best cables that Siltech can make: in a world of uncertainty, history suggests that that makes them the best cables you can buy.

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| Interconnect cables | : Princess, Queen, Empress, Empress  , Empress Double   Avondale II Phono, Empress  Phono, Empress Double   Phono |
| Loudspeaker cables | : Prince, King, Emperor II, Emperor  , Emperor Double   |
| Power cables | : Ruby Hill II, Ruby Mountain II, Ruby Double   |
| Digital/Video cables | : Golden Ridge II, Golden Eagle 75, Golden Eagle II, Golden Eagle 75   |
| FireWire/USB cables | : Golden Fire II, Golden Fire  , Golden Universal II, Golden Universal  |
| Headphone cables | : Duchess  |



Triple Crown Series

Siltech's unique mono-crystal silver conductors already delivered the highest resolution, lowest loss audio signal path, the standard against which other conductors are measured. How could we improve on them? Well, if mono-crystal silver is the best conductor material available, one way to get better performance is to use more of it, creating dimensionally optimized conductors that use more of this costly material. The Triple Crown's conductors are the largest diameter mono-crystal silver conductors we've ever used, a solution that's only possible in a genuinely cost-no-object design, where the only consideration is ultimate performance.



But alongside new levels of musical nuance, detail and definition, the astonishing accuracy of the conductor also reveals the shortcomings in other aspects of cable construction; residual levels of micro-distortion and other error mechanisms that have been masked until now. Using the latest advances in audio measurement techniques, it became clear that to eliminate all distortion and minimize all induced errors would require the mechanical and electrical optimization of the signal transmission path as a whole, including not just the cable but the connectors as well.

It would require a complete rethink of the construction and new levels of geometrical and conductive consistency.

Insulation – the conductor's not so passive partner

We know how effective the widely spaced screens used in our Double Crown cables are when it comes to protecting the fragile audio signal. We also know how much damage, soft, lossy insulation materials can do. That means that the best audio performance will come from a cable that is large diameter and stiff – almost like a length of pipe! The challenge seems impossible: to create a large diameter cable that is rigid yet practical, structurally stable yet flexible.

Siltech's engineers have finally perfected a radical new cable topology, a complex construction that ensures absolute geometrical and mechanical consistency, no matter how the cable is curved. It needed to be longitudinally flexible but stiff in compression. Designing it was a challenge, but nothing prepared us for the difficulty of actually producing it. Two years of research have led to results that far exceed even our expectations. We call the new topology Air Cradle Construction and it combines massive mono-crystal silver conductors with ultra low-density insulation created from a complex Teflon matrix, to deliver incredibly low inductance, resistance and capacitance.

The result is a vanishingly low loss cable with numbers that aren't just better than any other cable we've ever produced – they're better under any circumstances. Because what Siltech's exhaustive empirical research has also revealed is that it's not just low LCR numbers that matter, but the consistency with which a cable delivers those numbers under real-world conditions.

Interconnect cables
Loudspeaker cables
Power cables



SILTECH AMPLIFICATION

Siltech SAGA

Unlike conventional amplifiers, the SAGA system separates the voltage and current gain stages. This offers multiple benefits, allowing the use of tubes and batteries to maintain low noise performance and dynamic range, while isolating this critical function from noisy AC circuitry. The revolutionary Apollo Light Drive provides a clean, high-current DC supply in the P1, delivering dynamic shadings and swings that are almost literally lightning fast, helped by the same superb component and mono-crystal silver internal wiring found in the C1. Although the V1 and P1 can only be used as a pair, one additional benefit is that a single V1 can be used to drive a pair of P1 stereo amplifiers, allowing for high-powered, bi-amplified system solutions. The C1 is a high-quality, ultra low-noise line-stage/control unit. It is unique in combining batteries with vacuum tubes, with even the filament and HT supplies derived from the on-board battery power supply, with only a small trickle charger connecting the C1 to the AC supply. Its minimalist circuit and carefully engineered chassis are designed to maintain signal quality and dynamic range, adding mechanical isolation and minimum interference to the task of providing the perfect noise-free feed for the SAGA V1 and P1 amplification. Premium components are used throughout, while the point to point wiring is (naturally) the best available, Siltech's proprietary mono-crystal silver.



SILTECH LOUDSPEAKER

Siltech SYMPHONY

Unsurpassed excellence; for more than 36 years, all our products have been hand made by skilled craftsmen / women at our own factory in The Netherlands. We believe that an audio system should reproduce music exactly as the recording artists intended it, without adding to or subtracting from the original sound. This dedication to absolute perfection, consistent quality and continuous innovation makes Siltech one of the most highly regarded and trusted high end audio brands with customers and reviewers alike.



The Symphony is the latest milestone in our never ending quest for perfection, it is undoubtedly at the cutting edge of technology. Designing a loudspeaker that can deliver a truly musical experience requires a profound understanding of musical instruments and their sound.

Much like a symphony, many elements have to be thoroughly studied, combined and tested to create a perfect result. Each and every instrument has its own specific sound which is unique in origin and quality. To reproduce these unique sounds we looked at all the research into what makes the greatest musical instruments so fantastic.

The Symphony loudspeaker faithfully reproduces the resonant character of musical instruments without adding anything. From a velvet soft but very clear pianissimo to a resounding fortissimo the sound radiates majestically and reflects the artist's work perfectly.

It should become a Symphony of its own...

CREATING A SYMPHONY

A loudspeaker is in a way the opposite of a musical instrument or one may say it is complimentary.

Translating that understanding into a practical loudspeaker design poses serious and contradictory challenges for high end audio. We look at a different array of challenges: pitch / frequency, dynamics, harmonics and intermodulation distortion and listening positions. And after two decades of research and development, testing, analyzing and thousands of hours of listening the ultimate loudspeaker was created.

Siltech Symphony - sovereign by design, inspiring and memorable in sound.



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