

KLEI QSeries Cables

The next generation Express, Essence, Quiescence, and GZSeries cables by Keith Louis Eichmann (KLE)

The KLEI™ QSeries cable range – QFLOW™, QPURITY™ – is the next generation development of Keith Louis Eichmann's Express, Essence, and Quiescence cables – which represent KL's previous, and widely accepted, cable designs. These earlier designs in varying degrees utilised the Eichmann Ratio™ and/or GnC™ (Ground Nulling Circuit). The new QSeries™, the evolution of his previous GZSeries™, is the result of over thirty-five years of dedicated research by inventor and designer Keith Louis Eichmann.

Evolving out of the advanced technology embodied in our previous GZSeries™, the new QSeries™ represents a further miniaturisation and shrinking of the Eichmann Ratio™ and GnC™ architectures. His QSeries™ cables have significantly lower mass and reinforce the KL mantra that less is more. The new QSeries™ represents up-to-the-minute thinking and KL's most advanced designs to date.

The sonic improvements over his previous cable offerings can't be overstated, even in direct comparison with his previous GZSeries™ cables.

The QSeries™ also represents the logical extension of KL's proprietary mathematical modeling on the interaction between signal and ground/return conductors. This latest manifestation of a purposeful difference between ground/return and signal elevates the concepts behind the Eichmann Ratio™, GnC™, and GZSeries™ architectures to a new level, and does so very elegantly.



In the QSeries™, there is increased control of the ground/return on the signal conductor to minimise internal and external interferences. This is accomplished by using the ground/return to effectively protect the signal from external disturbances such as EFI, EMF, RF, and static charges.

KL's research has produced a cable architecture which dynamically works to maintain a zero voltage, low noise, ground state. As described above, this serves to protect the signal from capacitive, inductive, EMF, EF, EFI, and other effects. As such, the QSeries™ configurations facilitate a smooth uninterrupted signal flow from one component to another, effectively isolating them from each other and allowing each to perform its task without interference.

MATERIALS. From the very outset, KL has had an understanding of and sensitivity to electron and energy flow. His designs focus on signal integrity, the elimination or mitigation of causes of electron turbulence, most notably capacitive and inductive reactance, as well as EMF, EF, EFI, and other effects. An important theme in his designs has been his choice of materials. In selecting them, he's made conscious design decisions to always use complementary materials. This ensures that the conductors surrounding the signal work in harmony, and don't contribute to electron chaos. Turbulence at the electron level can inhibit smooth signal flow. KL's specified materials serve to improve signal integrity and to reduce or eliminate known compromises for smooth electron and energy flow.

OPTIMUM MASS. Bigger, thicker, and more massive doesn't add up to better sound. In fact, quite to the contrary. A studied, optimised, and in most cases a minimalist approach to mass actually results in better sound – and better electron and energy flow. KL's proprietary signal-to-ground mathematical modeling ensures an optimal architectural relationship between all signal/ground conductors and dielectrics. The result is more control, and the avoidance of sonic compromises as described above. Controlling these parameters ensures a complete, full, and extended frequency range, where harmonics are conveyed from component to component, intact.

METALLURGY. This is of paramount importance and something that's been central to KL's designs from the very beginning. He has been committed to implementing and using only conductors that are *as or more* conductive than pure copper and/or even pure silver.

It is important to note that the signal and ground conductors are harmoniously laid in a way that they work together and not in opposition to each other. The QSeries cables excel in this area, and the bottom line is that no matter how you get there, and to quote a favourite expression of KL's, '*the proof's in the pudding.*'

ARCHITECTURE. In accordance with KL's signal to ground mathematical modeling, the QSeries architectures are comprised of hand wound conductors, and implemented in a manner to dynamically enhance electron flow in the signal conductor without the use of electronic components. It requires precise calculation, hours of hand fabrication, and often several days of cooking – burning in – on a professional grade purpose built cable burner. Each successive model in the QSeries cable range, utilizes a progressively more sophisticated cable architecture, employing varying combinations of ground/return conductors, constructed from ultra-high conductivity copper, and/or silver, to achieve cumulative performance improvements with each successive model.

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The QSeries architectures are the further development of the design principles implemented in KL's earlier cables, which themselves at the time represented some of the most radical approaches ever undertaken in cable design. Unlike other manufacturers who typically design their products to have identical characteristics between the signal and ground/return, in the QSeries, KL has taken an approach that utilises a calculated and purposeful *difference* between ground and signal carrying conductors.

There is an unmistakable parallel between the QSeries cables and the approach taken in the KLEI™Harmony connectors. QSeries cables create a synergy that produces exceptionally, and even shockingly better performance, especially when combined with the KLEI™Harmony connectors.

The QSeries architectures are proprietary, and we employ extremely high purity copper and/or silver as conductors.

MATHEMATICAL MODELING. The relationships between ground and signal, i.e. metal and dielectric complement, mass, and other critical parameters, are derived via KL's signal-to-ground mathematical formulae, and differ from model to model.

Interconnects



QFLOW3 Interconnects

- Equipped with KLEI Pure Harmony (Bullet) plugs
- Employs KL's QFLOW™ signal/ground formulae, where proprietary mathematical modeling is utilised to produce the ground to signal relationship, its parameters, and to determine the specific implementation of his QFLOW3 design
- The QSeries™ architecture, as utilised in the QFLOW3, allows it to perform sonically at a level at or higher than the gZero6

JG, a customer, has the following to say about the KLEI™QFLOW3 interconnects:

'... Boy what an upgrade!

This interconnect has the ability to really dig into the music so that you get the feeling you are participating in the record engineer's decision on what is going-on in the mix. Of course a muddy recording still sounds muddy but as a listener you are more confident in your judgement in recognizing when you hear a muddy recording. A good recording will present you with the opportunity to hear details in the recording mix that somehow were there all along but were masked with less resolving interconnects. Maybe I would compare this to looking through a window pane that has just been cleaned; before cleaning you got most of the view but afterwards you were surprised at the details that were masked. The whole stereo system contributes to the final results, so of course the QFLOW3 ICs cannot provide the entire solution. If you basically like the sound of your system the QFLOW3 ICs should enhance the over-all results.'



QPURITY∞∞∞∞ (triple Infinity) Interconnects

- Equipped with KLEI PerfectQ Harmony (Bullet) plugs
- Employs KL's QPURITY™ signal/ground formulae, where proprietary mathematical modeling is utilised to produce the ground to signal relationship, its parameters, and to determine the specific implementation of his zPurity∞∞∞∞ design
- The QSeries™ architecture, as utilised in the zPurity∞∞∞∞, allows it to perform at a sonically higher level than the zPurity888

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Speaker Cables



QFLOW3 Speaker Cables

- Equipped with KLEI PureQ Harmony Bananas
- Employs KL's QFLOW™ signal/ground formulae, where proprietary mathematical modeling is utilised to produce the ground to signal relationship, its parameters, and to determine the specific implementation of his QFLOW3 design
- The QSeries™ architecture, as utilised in the QFLOW3, allows it to perform sonically at an exceptionally high level and higher level than KL's earlier designs



QFLOW7 Speaker Cables

- Equipped with KLEI PureQ Harmony Bananas
- Employs KL's QFLOW™ signal/ground formulae, where proprietary mathematical modeling is utilised to produce the ground to signal relationship, its parameters, and determines the specific implementation of his QFLOW7 design
- The QSeries™ architecture, as utilised in the QFLOW7, allows it to perform sonically at a higher level than the QFLOW3



QPURITY8 Speaker Cables

- Equipped with KLEI PureQ Harmony Bananas
- Employs KL's QPURITY™ signal/ground formulae, where proprietary mathematical modeling is utilised to produce the ground to signal relationship, its parameters, and determines the specific implementation of his QPURITY8 design
- The QSeries™ architecture, as utilised in the QPURITY8, allows it to perform sonically at a higher level than the QFLOW7

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Speaker Binding Post Jumpers



QFLOW7 Jumpers

- Equipped with KLEI Classic Harmony Bananas
- Employs KL's QPURITY™ signal/ground formulae, where proprietary mathematical modeling is utilised to produce the ground to signal relationship, its parameters, and determines the specific implementation of his QFLOW7 design
- The QSeries™ architecture, as utilised in the QFLOW7, allows it to perform sonically at an exceptionally high level

John Ransley, *Totally Wired*, has the following to say about the KLEI™ QFLOW7 Jumpers:

'In 30 years I've sold countless pairs of speakers with bi-wire terminals, kilometres of speaker cable and endless banana plugs of every breed. Suddenly we have a single product which will lift the performance of every one of these systems. And that means yours.'

Keith really has done something special here and it is a combination of things that could never have happened before. The new Harmony bananas have been a long time coming and the rapid development of Keith's unique speaker cable designs, his obsessions with metallurgy and conductivity all combine in these 100mm QFLOW7 jumpers. It never occurred to him to make a lesser version, yet he's kept the price down to a level that only gives partial payback on the development of the constituent parts. I've got a very good idea of the material value of these if I didn't have a red flag hanging in my office it would be easy to demand a much higher price that reflects the performance gain.

There is no down side to this. Improve the sound of your system with the KLEI QFLOW7 jumpers...

For all my listening of cables (and components) over the years, I've never heard anything like this level of performance enhancement for so little.'



QPURITY8 Jumpers

- Equipped with KLEI PureQ Harmony Bananas
- Employs KL's QPURITY™ signal/ground formulae, where proprietary mathematical modeling is utilised to produce the ground to signal relationship, its parameters, and determines the specific implementation of his QPURITY8 design
- The QSeries™ architecture, as utilised in the QPURITY8, allows it to perform sonically at a higher level than the QFLOW7



Keith Louis Eichmann Innovations (KLEI)

Ph. +61 (0) 406614044

Email: KLEInnovations@clubtelco.com

Skype: EichersKL

www.KLEInnovations.com