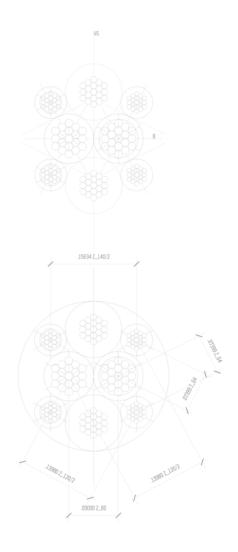
# EVENT RCA Mk.II

[Rev-A]



AD COPY + SPECIFICATIONS



ZU AUDIO EVENT Mk.II [REV-A] LINE-LEVEL SINGLE-ENDED TWO-CHANNEL INTERCONNECT CABLE

Event RCA Mk.II is our top model and defines the apex of value in high-end audio RCA-type cabling. They have the widest bandwidth, with the least distortion, with the highest shielding and the tightest left/right channel tolerances in the business.

Hear your music again for the first time... hear things you've never heard before... more life-like, making your system even better than real life.... Seriously though, they are very good and if you're in the market for top-shelf interconnects you really should put these new Mk.II Event RCA cables on your list—we back 'em up with the easiest trial and refund in audio, our no-hassle 60-days satisfaction guarantee so you can try 'em, with your own gear, with your music, and without sales pressure so you can know for yourself

Materials used in Event RCA are similar to our competitor's top offerings; the use of the best solid core silver wire and virgin un-dyed Teflon dielectrics for example, as well as the super-duper WBT NextGen RCA plugs. But these are just the materials supporting the magic—the magic of design is not in the stuff, it's in the electrodynamics, working through the materials, that is where Event is different. One important example is Event RCA Mk.II's handling of left/right channels and channel matching, the electrodynamics design ensures the two critical left/right stereo channels match exactly and even share dielectric space. This significantly reduces the most influential component, parallel capacitance, and guarantees uniform response and shielding from external environmental concerns such as electromagnetic and vibrational radiation. In addition to better sound, the design also lets you run longer lengths without the unfavorable side effects.

The impact Event RCA can have on your playback enjoyment is potentially as significant as your last new amp or DAC upgrade—and likely at far less expense than either. Take us up on our 60-days satisfaction guarantee and know for yourself.

If Event Mk.II does not make a difference in your system, sell your system.





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### EVENT RCA MK.II KEY FEATURES & BENEFITS

- Zu / Gore® shared dielectric dual signal single-ended quasi-balanced electrodynamic geometry for low electromagnetic interference susceptibility and near perfect left/right measures and behavior. This ensures the highest level of stereophonic realism and reduces reactance so signal remains unaltered even in long lengths.
- Dense electric and magnetic signature, as well as the cables physical dimensions, further guard against RF and other sources of noise and allow for small and easy handling quality.
- The very low, uniform and square reactance of Event RCA Mk.II facilitates long runs without bandwidth loss or phase issues.
- Uniform impedance characteristics of Event RCA Mk.II reduce standing waves and contribute to the stable propagation of intelligence in short or long runs.
- Zu Event RCA Mk.II has no DC offset like in coaxial or asymmetric designs and features perfect symmetry between left and right channels. The identical relationship between channels guarantees the highest possible recreation of dimension, stereo, density and tone.
- Event RCA Mk.II also has reduced Cp measures compared to coax with the same reciprocating measures.
- Virgin clear PTFE (Teflon®) + air insulation with identical electrodynamic relationships provide a very low dielectric constant and exceptionally low dissipation factor—features that improve bandwidth, phase relations, and overall musical resolution.
- WBT NextGen RCA plugs as they are well designed and mate well with the Event RCA Mk.II cable.
- Designed and made by Zu Audio in Ogden, Utah—USA.

### **BURN-IN:**

Zu Event RCA Mk.II cable requires a fair amount of use before they're fully burned in, roughly 400 hours. We do not recommend any burn-in devices or special recordings. We do recommend music you enjoy, preferably upbeat full spectrum recordings. Rock, roots, full orchestra, big band.... If you would like us to burn this cable in for you there is a small non-refundable charge and a three week delay.

For the possible hows and whys about burn-in please see our FAQ section within www.ZuAudio.com



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### EVENT RCA MK.II INFORMATION AND DESIGN DETAIL

Event RCA Mk.II (mark-two) is designed for single-ended, high-impedance, line-level stereo applications and is a single-ended but quasi-balanced two-channel cable with ground plane between the two channels. It gives the best possible protection from RF noise, the widest bandwidth, and the most convincing transmission of stereophonic content—left and right channels being perfectly matched with signal of each channel propagating in the same dielectric space. While the dialectic space is shared between both left and right, each is positioned so one cannot see or crosstalk to the other. This elimination of crosstalk and reduction of parallel capacitance helps ensure the two-channel-stereo signals remain pristine, independent, high conductance, and yet have low parallel capacitance.

Dielectric in Event RCA Mk.II is 50% Teflon and 50% air. A PTFE film skins the conductors of signal and return and is the structure that sets the cables characteristic impedances; air gaps are formed and fill the space between. The Teflon material is used next to the conductors of signal *and* return. Teflon is used for its very low dielectric constant, no other commercially available solid has as good a dielectric behavior as Teflon based films. Air is also used as its dielectric behavior is even better than Teflon and further improves measured performance and observed fidelity.

Conductor used in Event RCA Mk.II is the highest purity North American mined, smelted, refined and drawn silver, signal *and* return. How this pure material is used within the E&M model yields all of the benefits of silver but without the cheaper off-the-shelf stuff's glare, lean tone, or edginess. In fact, Event RCA Mk.II is a very relaxed and harmonically dense, life-like sounding cable. We think this is only achieved when emphasis is placed on the E&M architecture, then considering the materials to serve the electromagnetic, then loop back and spiral down to the target sound and price. Said another way we design around performance goals that are complete with a value component—and we focus on the electrodynamics goals of the application first since engineering is much less expensive in the long run, then we research and try materials, looping back around until satisfied. Once architecture of the magnetic and electric is finalized, and within the value target, we then consider terminals and termination practices, repeating this too until satisfied.

What is the difference between the RCA and XLR cables, save for the connectors? A question we occasionally get. Well, they are quite different despite looking the same. RCA (single-ended typically) signals and the corresponding cable behave very differently from XLR (balanced, sometimes even-mode, sometimes odd-mode) and we have addressed and designed for the unique features of both. Event XLR Mk.II is balanced and places the left signal in the virtual ground of the right, and vise versa. As mentioned, Event RCA Mk.II is handled as single-ended but quasi-balanced, with a real ground plane between the two channels. Both RCA and XLR versions fall within the Zu/Gore® two-channel-stereo line-level Event E&M architecture.

The result our hard work and excellent, ever advancing craftsmanship is a state-of the-art performing RCA cable that is highly shielded, easy to work with, can be ran for long lengths, and is not totally insane in price (relative).

Ensure pristine and perfectly matched stereo two-channel transmission in your system—Event RCA Mk.II



### ZU AUDIO EVENT Mk.II [REV-A] LINE-LEVEL SINGLE-ENDED TWO-CHANNEL INTERCONNECT CABLE

**Design** Zu Event RCA combines Zu and W.L. Gore® stereo transmission technologies and marries it with cutting

edge manufacturing and regulated shielding, the purest North American silver, and PTFE and air based dielectric. The result is a stereo signal transmission that is virtually immune to RF and realizes less noise from your system than any other cable. Event RCA is specifically designed for stereo, line-level single-ended transmission and combines the Zu / Gore™ two-channel geometry with an overall high conductance, regulated shield to ensure pristine and perfectly matched propagation channels for your

highly sensitive line-level music signals.

Device Under Test Event RCA Mk.II [Rev-A] 1.0m

**Production** September 2014

Cable Format stereo (2-channel) within single RF cage and discrete channel leadouts

**Signal Conductor Metallurgy** pure U.S. refined and drawn silver (meta-single crystal) pure U.S. refined and drawn silver (meta-single crystal)

d silver plated copper braid with 98% coverage+carbon

**Cable Geometry** Zu / Gore™ two-channel single-ended transmission

Signal Wire Geometry solid Ground Wire Geometry solid

**Dielectrics** virgin PTFE clear+ air

Connector Pin Metallurgy
Connector Shell Metallurgy
Connector Termination
Y-out Metallurgy & Makeup

Connector Pin Metallurgy
pure copper direct gold plate
pure copper direct gold plate
silver solder, epoxy potted
100% diamagnetic

Directional yes, direction arrows printed on both y-out barrels Crosstalk nil, channels are separated by ground plane

**Bandwidth** > DC - 1GHz

**RF Shielding** high magnitude silver over copper braid + carbon + Zu / Gore™ geometry

 $\begin{array}{ll} \textbf{Rs Signal} & 0.07~\Omega \\ \textbf{Rs Ground} & 0.07~\Omega \end{array}$ 

Cp Signal / Return 94 pF Cp Signal ch. 1 / Ground ch. 2 94 pF

**Cp ch. 1 / ch. 2** 77 pF

Ls Signal 1.7 uH
Ls Ground 1.7 uH

 Bend Radius
 3/4" [19mm]

 Cable Diameter
 0.15" [3.8mm]

 Leadout Bend Radius
 3/8" [9.5mm]

 Leadout Cable Diameter
 0.14" [3.5mm]

L / R Leadout Span 11" [28cm] standard, custom options available

RCA Barrel Diameter 0.542" [13.8mm]

**Tolerance** greater than 0.01% on all intra-channel measures

RoHS compliant

DesignZu Audio & W.L. Gore®ManufacturerZu Cable Inc. Ogden, Utah

Manufacturers Country Of Origin U.S.A. (connectors made in Germany)

**Life Expectancy** 100 years+

Warranty & Service limited lifetime, does not cover misuse or abuse



# WARRANTY

### ZU AUDIO EVENT RCA Mk.II [REV-A] INTERCONNECT CABLE

Zu products are designed and manufactured to the highest quality. However, if something does go wrong Zu will fix or replace the product free of charge. Event cables have a lifetime limited warranty to original owner. If under normal home use you have any problems we will fix or replace it.

If in the highly unlikely event that a Zu product arrives to you dead on arrival (D.O.A.), and after discussing it with a Zu tech, we will ship another of the same product at our expense and arrange for the D.O.A. product to be collected. If after inspection we find that you have misrepresented a returned product's condition, and that it was improperly handled or used, Zu will charge you for all damaged parts, labor, shipping and handling of the product.

Warranty does not apply to damage caused by operating the product outside the intended use, accident, another product, misuse, abuse, flood, fire, earthquake or any other external causes. Warranty does not cover damage caused by modification or service performed by anyone other than a Zu representative. Cosmetic damage is also excluded from warranty, as is any product that has any part of the Zu serial number removed.

When a product or part is exchanged the replacement becomes your property and the suspect or damaged part becomes Zu's property. Parts provided by Zu must be used in products for which the warranty service is claimed.

#### WHAT YOU CAN EXPECT IF WARRANTY SERVICE IS NEEDED

If warranty becomes necessary, you must call or email for a return of material authorization (R.M.A.) number, or to arrange for user serviceable parts. This provides opportunity to assist in diagnosing the problem and helps us to schedule for rapid turnaround in the event that parts, service or repair is needed. Upon factory inspection of parts or product, warranty eligibility will be determined. While service options, parts availability and response times will vary, we do our best to keep you happy. International customers should know that Zu will comply with all applicable export / import laws and regulations, you may be responsible for custom duties, taxes, broker fees, freight, and other charges. When shipping of product or part is required, repackage the complete product, or part, in its original packaging. If you have any questions about packaging please call or email. Product damage caused from incorrect repackaging is not eligible for refund or warranty and the freight company will reject your insurance claim (they likely will anyway). Until we have the product back in the shop and sign-off that it is eligible, the product is still your property, we recommend you insure and declare the full value when shipping. We also recommend that you only ship with a freight company that has a good reputation and offers tracking and insurance for the full amount.





### ZU AUDIO

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[DESIGNED AND MADE BY US]