

MISSION RCA Mk.II

Mk.II [Rev-A & Rev-B]



AD COPY + SPECIFICATIONS

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MISSION RCA Mk.II SPECIFICATIONS

ZU AUDIO MISSION RCA Mk.II [REV-A & B] LINE-LEVEL SINGLE-ENDED ANALOG INTERCONNECT

INTRODUCTION OF THE MARK-II MISSION RCA CABLE

Zu Mission interconnecting cables are all about maximum hi-fi value and are designed to challenge the state-of-the-art but at reasonable prices. Mission RCA Mk.II line-level single-ended analog interconnect cables will improve the sound of your system by lowering noise and improving top to bottom transient and tonal resolution, with the biggest area of improvement is in stereophonic imaging—few if any other cable will be as convincing as Zu Mission RCA Mk.II for stereophonic magic. Please read further for additional details and to know the specific differences between Revision-A and Revision-B.

Mission RCA Mk.II is specifically designed for two-channel stereo, line-level single-ended transmission and combines Zu and W.L. Gore® two-channel transmission technologies and marries it with cutting edge manufacturing and regulated shielding. The result is a two-channel stereo cable that is virtually immune to RF and will remove more noise from your system than any other brand of cable.

Performance goals are realized through the correct application of Zu and Gore® cable technologies, which bond the 2-channel stereo circuits in the same dielectric space providing identical left/right interconnect conditions and performance, an advantage that is not possible with traditional white/red co-ax cables. Zu Mission also use innovative material technologies such as Teflon® (PTFE) dielectric and pure silver deposit over pure copper core.

Mission RCA Mk.II are also very easy to work with. They are small, flexible, super durable and have a very comfortable hand.

Get pristine perfectly matched 2-channel stereo transmission in your stereo system, get Mission. (60-days satisfaction guarantee to decide if we're really onto something here or just blowing smoke.)



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MARK-II REVISION-A VS REVISION-B

Revision-A features classic hollow-pin SwitchCraft RCA plugs which we cold forge terminate and pot. The connectors while humbly priced sound fantastic and are build to last a lifetime.

Revision-B features the WBT-0114 nextgen™ plugs, a product we believe to be the best compliment to Mission RCA Mk.II and your sounds sound but the price of these plugs is significant. The best is usually worth it. Undecided? Get both and compare for yourself, our 60-day satisfaction guaranty is liberal, we want you happy and we want you to get the most from your system and your hard earned money.

The Mk.II-A version is the same as the much more expensive Mk.II-B featuring the exact same cable the part we're save the cash on is only the connector, but even so the SwtichCraft hollow-pin RCA sound sweet especially as we cold forge the connection and don't simply solder it. And in keeping with the cool vintage look of this classic RCA plug we custom color code the right channel with epoxy based filler in the cross-hatch—way better looking than a band of red shrink tube.

The WBT nextgen RCA plugs contribute to Mission Mk.II cables performance in the following ways. Both signal and ground contacts are made from pure copper and not turned from brass. The pure copper, single piece contacts are then directly gold plated to ensure a lifetime of consistent maintenance free performance. This single piece pure material methodology yields higher conductance measures and lower noise, improving detail without any spectral imbalances or treble forwardness. Also, the bulk of the dielectric material used in supporting the contacts is Teflon for the lowest possible signal loss through the plug section of the connector interface. The connector, like all WBT designs, is extremely well engineered and designed to last. And combined with our precision equally well engineered termination and full epoxy/graphite matrix potting the connector and connector/cable termination perform even better and will last your lifetime without giving you a single problem.

We have tried about every top-level RCA on the market for fitment on the new Mission Mk.II (including making several of our own) and the WBT nextgen has stood out as the most natural sounding and most fully engineered. Added to the termination of the WBT nextgen RCA is a external rubber strain relief, a detail that safeguards the lead-in cable from excessive bend radius and breakage and allows for full potting of the connector housing assembly.

Still undecided? Again, just take us up on the two month return privilege and try 'em both and know.



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ZU MISSION MK.II KEY FEATURES AND BENEFITS

- Your choice of connectors to maximize your performance to cash relationship.
- SwitchCraft classic hollow-pin RCA for next to best sound while saving a ton of cash and getting a sweet vintage looking cable.
- WBT nextgen™ 0114 copper RCA plugs for as good as it gets termination of Mission Mk.II cable and interconnection of your audio gear.
- Graphite loaded epoxy potting hermetically seals the termination of wire and connector and improves ESD performance and reduces the unavoidable EM reflections lowering the standing-wave ratio (SWR).
- Zu/Gore®-Quad shared dielectric dual signal bonded cable geometry for low electromagnetic interference susceptibility and guaranteed near perfect left/right measures and behavior. This ensures the highest level of stereophonic realism.
- Dense electric and magnetic signature, as well as the cables physical dimensions, further guard against RF and audiogenic noise and allow for small and easy handling quality.
- The very low, uniform and square reactance (Cp and Ls) of Mission RCA Mk.II facilitates very long runs without bandwidth loss or phase issues.
- Uniform impedance characteristics of Mission RCA Mk.II reduce standing waves and contribute to the stable propagation of intelligence in short or long runs.
- Zu Mission RCA has no DC offset like in coax designs and features perfect symmetry between left and right channels. As mentioned, this identical relationship between channels guarantees the highest possible recreation of dimension, stereo, density, and tone.
- Mission RCA also has a reduction of the critical Cp measures, 40% less compared to coax with the same conductance measures.
- Virgin white Teflon® 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. (Our competition uses wires insulated with different colors and usually PE or PVC, products which are a much greater impediment to fidelity compared to Teflon. While you wouldn't think so, each color and pigment has it's own influence on sound which brings about subtle shading and differences in net tone as well as tone between left and right channels. So why doesn't Zu's competition follow our lead? Because it's hard and you have to train your people to a much higher standard.)
- Made by us in Ogden, Utah.

BURN-IN:

Zu Mission RCA Mk.II cable will require a fair amount of use before it's 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... and if you would like us to burn this cable in for you we'd be happy to, but there is a small non-refundable charge and four week delay.

For the possible hows and whys about burn-in please see the Answers section of our website.



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| Design | Zu Mission Mk.II-B combines the great performance of the Mission RCA with that of the WBT-0114 nextgen™ RCA plug. Mk.II-A is the same but features the classic SwitchCraft RCA plugs. The cable combines Zu and W.L. Gore® stereo transmission technologies and marries it with cutting edge manufacturing and regulated shielding within a copper core / silver skin / PTFE platform. The result is a 2-channel signal transmission that is virtually immune to RF and realizes less noise from your system than other cables. Zu Mission RCA Mk.II-B is specifically designed for 2-channel stereo, line-level single-ended analog transmission. |
| Device Under Test | Zu Mission RCA Mk.II Rev-B 1.0m |
| Connectors | WBT-0114 nextgen™ RCA plugs, fully epoxy potted. |
| Production | Q3 2013— |
| Cable Format | 2-channel stereo within single RF cage with discrete channel leadouts. |
| Signal Conductor Metallurgy | Pure U.S. refined, drawn and processed copper core with direct deposit pure silver skin. |
| Ground Conductor Metallurgy | Pure U.S. refined, drawn and processed copper core with direct deposit pure silver skin. |
| Shield | 95% high magnitude braid screen is floating at source end of cable and terminated/shorted at load. |
| Cable Geometry | Zu/Gore™ two-channel single-ended transmission. |
| Signal Wire Geometry | Low strand count, perfect lay. |
| Ground Wire Geometry | Low strand count, perfect lay. |
| Dielectrics | Wirgin white PTFE, all circuits. |
| Cable Sheath | PET |
| Leadout Sheath | PET |
| Connector Metallurgy | Pure copper with direct deposit gold plate, pin and ground. |
| Connector Termination | Silver bearing solder. |
| Y-out Metallurgy & Makeup | 100% diamagnetic. |
| Directional | Yes, direction arrows printed on both y-out barrels. |
| Crosstalk | Nil, channels are separated by virtual ground. |
| Bandwidth | DC – 1GHz |
| RF Shielding | high magnitude, tinned copper braid + Zu/Gore geometry |
| Rs Signal | 0.06 Ω |
| Rs Ground | 0.06 Ω |
| Cp pin / shield | 128 pF |
| Cp Signal ch. 1 / Ground ch. 2 | 128 pF |
| Cp ch. 1 / ch. 2 | 45 pF |
| Ls Signal | 1.6 uH |
| Ls Ground | 1.6 uH |
| Bend Radius | Main cable body .75" [19mm]. |
| Cable Diameter | Main cable body 0.165" [4.2mm]. |
| Leadout Bend Radius | 1/2" [12.7mm] |
| Leadout Cable Diameter | 0.145" [3.7mm] |
| L / R Leadout Span | 12" [31cm] standard, custom options available. |
| RCA Barrel Diameter | 0.54" [13.7mm] |
| Tolerance | greater than 0.01% on all intra-channel measures |
| Weight | 3.63 oz [103g] |
| RoHS | compliant |
| Design | Zu Audio & W.L. Gore® |
| Manufacturer | Zu Cable Inc. Ogden, Utah |
| Connector Manufacturer | WBT |
| Manufacturers Country Of Origin | U.S.A. cable and termination. Germany for connectors. |
| Life Expectancy | 100 years+ |
| Warranty & Service | limited lifetime, does not cover misuse or abuse |



MISSION RCA Mk.II WARRANTY

ZU AUDIO MISSION RCA Mk.II [REV-A & B] LINE-LEVEL SINGLE-ENDED ANALOG INTERCONNECT

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. Mission RCA Mk.II have a limited lifetime warranty to original owner. If under normal home use you have any problems we will fix or replace the product.

While every effort is made to ensure a perfect finish that will last a lifetime, this warranty does not cover damage from impact and abrasion.

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 loss of parts or damage caused by modification or service performed by anyone other than a Zu representative. Cosmetic damage is also excluded from warranty.

When a product or part is exchanged the replacement becomes your property and the suspect or damaged part becomes Zu's property. Product or 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 may also reject your insurance claim. 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 or 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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OGDEN, UTAH — U.S.A.

[DESIGNED AND MADE BY US]