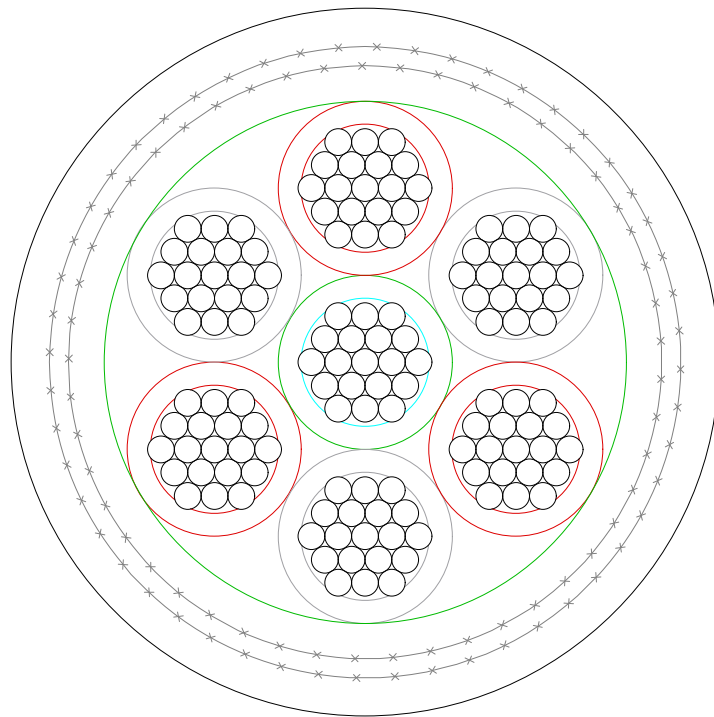


# MISSION

[Mk.II]



AD COPY + SPECIFICATIONS

11 | 2015



# MISSION LC PHOTOS

ZU AUDIO MISSION LC Mk.II [REV-A] LOUDSPEAKER CABLE SPECIFICATIONS + INFORMATION





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[DESIGNED AND MADE BY US]

ZU AUDIO | 3350 S. 1500 W. | OGDEN, UTAH — U.S.A | 800-516-8925





# MISSION LC AD COPY/INFORMATION

ZU AUDIO MISSION LC Mk.II [REV-A] LOUDSPEAKER CABLE SPECIFICATIONS + INFORMATION

Zu Mission Loudspeaker Cable [LC] Mk.II builds upon the great balance of tone and detail of its predecessor [Mk.I] by significantly increasing immunity to electromagnetic interference and static. This is accomplished through the addition of state-of-the-art nano engineered high conductance carbon shielding.

Mission LC Mk.II performs, has a very supple hand and is built to last several lifetimes. With Mission LC's increased immunity to RF and static the user will experience improved resolution and overall system *ease*.

Mission LC has excellent resolution and has a tone center right smack in the middle of the music weighted power spectrum. While it performs well on the extremes, it never loses its rock-solid performance in the meat of the music. Mission LC is agile and dynamic but will not highlight or emphasize problems in recordings, your room, or playback rig.

Engineered from the ground up and manufactured in-house, Mission LC Mk.II will give the listener better sound through improved management and integration of conductor, insulation, cabling, shielding, connector, and termination, resulting in a cable assembly that not only improves the sound of the system but feels good to the primitive brain.

Mission LC are built on a signal and power transmission technology originating with Nikola Tesla, an electrodynamics format that allowed for very wide bandwidth and large power transmission. Within the cable's E&M model, we combine pure U.S. refined and drawn copper with U.S. extruded insulation.

## INSTALLATION NOTES

Switch your power amp off prior to disconnecting or connecting your loudspeaker cables.

Now, wash your hands with soap prior to handling any cable with bare metal—you don't want to push halides and other subtle tone robbers into the amplifier, cable or loudspeaker connectors. If you do touch the exposed contacts you might want to buff them with a clean cotton rag. Keeping the contacts free of contaminants ensures a long-term and trouble-free connection.

To clean plated connectors, shiny bright gold or silver colored ones, just use rubbing alcohol on a cotton cloth and some cotton swabs to get into the tight parts. If the connector being cleaned is bare copper or silver we recommend cleaning them with our favorite polish, Cape Cod™.

Anytime you are making an electrical connection make it a habit to inspect the contacts and clean them if they are tarnished or dirty. Our bare copper spade lugs may need to be cleaned every year, depending on how clean they are when connected and your environment. Most any copper polish will work for this though we have found Cape Cod™ to be excellent. Brasso™ is also good. Acid based cleaners are tricky, if you don't have experience cleaning copper with acid we wouldn't recommend that you start with your audio gear. Most of the time your terminals are going to be in good condition and just need a little buffing and for that you can use a bit of alcohol and a cotton cloth.



# MISSION LC AD COPY/INFORMATION

ZU AUDIO MISSION LC Mk.II [REV-A] LOUDSPEAKER CABLE SPECIFICATIONS + INFORMATION

## DIRECTIONALITY

Mission LC is not a permanently directional cable; it can be used in either direction. However, we pay close attention to direction of manufacture of all points, from wire to cable, and identify this by placing arrows on the y-out barrels. Arrow [>] would point away from the source (power amplifier), and toward the load (loudspeaker). Connecting it like this ensures matching channel fidelity, increased burn-in speed, and allows the user to easily identify direction after cable or gear swapping.

## BURN-IN

Mission LC will require a good bit of play before it's fully burned in, roughly 200 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.... For the possible how and whys about burn-in please see our Answers section within [www.ZuAudio.com](http://www.ZuAudio.com).

## MAINTENANCE

No maintenance is required for the cable or the connectors save for the annual copper spade cleaning. If your connector contacts are nice and bright, don't worry about it. However, anytime you are making an electrical connection make it a habit to inspect the contacts and clean them if they are tarnished or dirty.



# MISSION LC SPECIFICATIONS

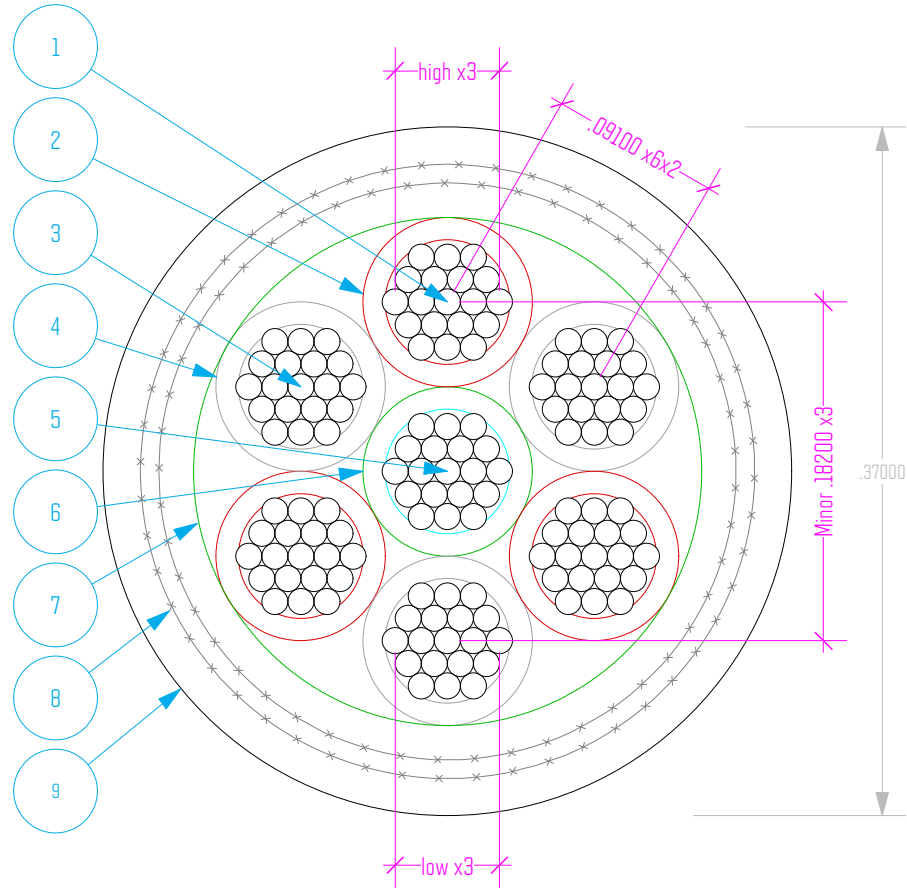
ZU AUDIO MISSION LC Mk.II [REV-A] LOUDSPEAKER CABLE SPECIFICATIONS + INFORMATION

<b>Design</b>	Zu Mission loudspeaker cables build upon Tesla / Litz cable technology and combines the right balance of dielectrics, metallurgy and cutting-edge graphite shielding technology—plus we make it in-house so we can ensure the highest quality.
<b>Production</b>	2015— [Mk.I was produced from 2010–2015]
<b>Device Under Test</b>	Zu Mission Mk.II [Rev-A] 12' [3.7m]
<b>Designed By</b>	Zu Audio
<b>Cable Mfg By</b>	Zu Audio
<b>Termination By</b>	Zu Audio
<b>Manufacturers Country Of Origin</b>	U.S.A.
<b>Signal Conductor Metallurgy [+]</b>	U.S. refined and drawn pure copper
<b>Signal Conductor Metallurgy [-]</b>	U.S. refined and drawn pure copper
<b>Cable Geometry</b>	Zu/Tesla/Litz (balanced)
<b>Wire Geometry</b>	low strand count/multi-circuit
<b>Directional Shielding</b>	yes, install so markings reads in the direction of flow, amp > speaker geometric + high conductance graphite
<b>Conducting Area [+]</b>	≈ #13 AWG [2.47 mm <sup>2</sup> ]
<b>Conducting Area [-]</b>	≈ #13 AWG [2.47 mm <sup>2</sup> ]
<b>Dielectric</b>	PVC/air/carbon/Nylon
<b>Cable Sheath</b>	Nylon
<b>Leadout Sheath</b>	Dacron
<b>Rs [+]</b>	0.04 Ω
<b>Rs [-]</b>	0.04 Ω
<b>Cp</b>	735 pF
<b>Ls</b>	3700 pH
<b>Bend Radius</b>	1.7" [43mm]
<b>Cable Diameter</b>	.38" [9.5mm]
<b>Red / Black Leadout Length</b>	8" [20cm] [11" span]
<b>Tolerance</b>	0.1%
<b>RoHS</b>	compliant
<b>Life Expectancy</b>	100 years+
<b>Warranty &amp; Service</b>	limited lifetime, does not cover misuse or abuse



# MISSION LC SPECIFICATIONS

ZU AUDIO MISSION LC Mk.II [REV-A] LOUDSPEAKER CABLE SPECIFICATIONS + INFORMATION



1. *High* circuit, U.S. cast and drawn pure copper (x3)
2. Virgin PVC + dope, 300V (x3)
3. *Low* circuit, U.S. cast and drawn pure copper (x3)
4. Virgin PVC + dope, 300V (x3)
5. Ground, U.S. cast and drawn pure copper
6. PVC insulator, 300V+300V
7. 90%+ B&E field containment/dielectric perimeter
8. High conductance nano-engineered carbon shield
9. Braided Nylon cable sheath





# MISSION LC WARRANTY

ZU AUDIO MISSION LC Mk.II [REV-A] LOUDSPEAKER CABLE SPECIFICATIONS + INFORMATION

## WARRANTY

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. Zu Mission LC Mk.II have a limited lifetime warranty applicable to the original owner. If under normal home use you have any problems with this cable 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, abrasion or UV exposure. Zu products are designed to be used in temperature and humidity controlled environments, namely your home, studio or office unless otherwise stated.

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, damage caused by 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.

When a product or part is exchanged the replacement becomes your property and the suspect or damaged part becomes Zu's property.

## WHAT YOU CAN EXPECT IF WARRANTY SERVICE IS NEEDED

If warranty becomes necessary, you must call or e-mail for a return of material authorization (R.M.A.) number. 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 e-mail. 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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