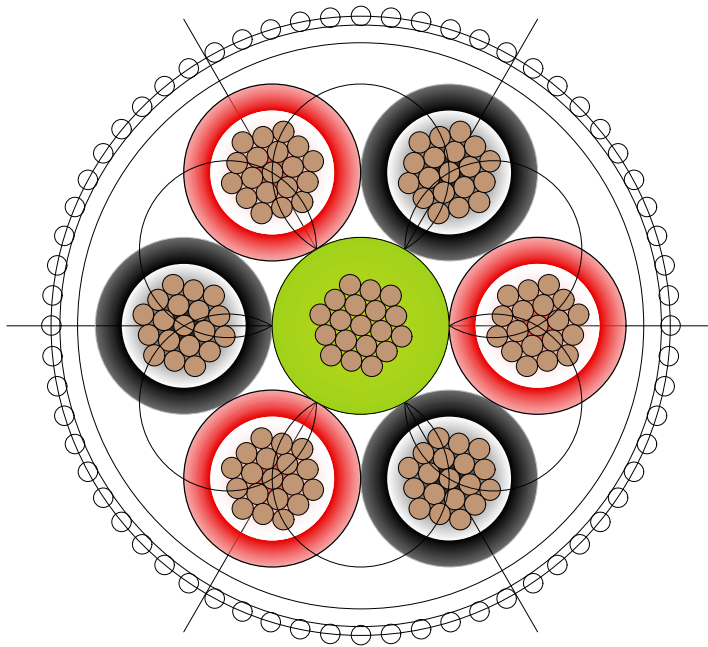


MISSION

[Mk.I Rev-A]



AD COPY + SPECIFICATIONS

2010-2015



MISSION LC SPECIFICATIONS

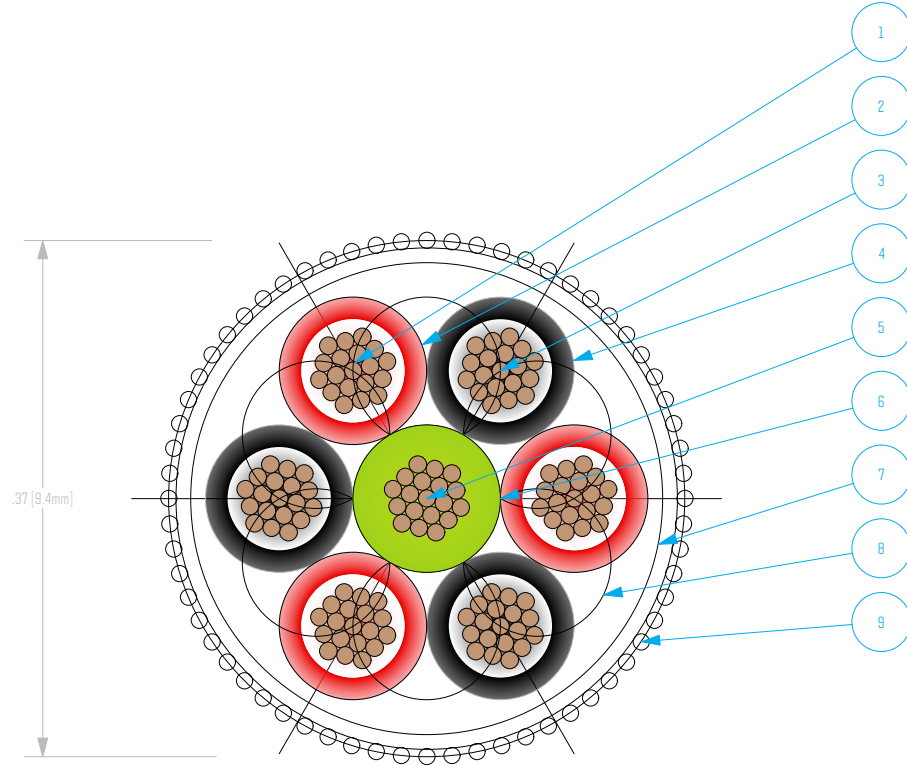
ZU AUDIO MISSION LC Mk.I [REV-A] LOUDSPEAKER CABLE SPECIFICATIONS + INFORMATION

Design	Zu Mission loudspeaker cables build upon Tesla / Litz cable technology and combines the right balance of dielectrics and metallurgy.
Production	2010-2015
Device Under Test	Zu Mission Mk.I [Rev-A] 12' [3.7m]
Designed By	Zu Audio
Cable Mfg By	Zu Audio
Termination By	Zu Audio
Manufacturers Country Of Origin	U.S.A.
Signal Conductor Metallurgy [+]	U.S. refined and drawn pure copper
Signal Conductor Metallurgy [-]	U.S. refined and drawn pure copper
Cable Geometry	Zu/Tesla/Litz
Wire Geometry	low strand count/multi-circuit
Directional Shielding	yes, install so markings reads in the direction of flow, amp > speaker geometric
Conducting Area [+]	≈ #13 AWG [2.47 mm ²]
Conducting Area [-]	≈ #13 AWG [2.47 mm ²]
Dielectric	PVC/air/Dacron
Cable Sheath	Dacron
Leadout Sheath	Dacron
Rs [+]	0.04 Ω
Rs [-]	0.04 Ω
Cp	735 pF
Ls	3700 pH
Bend Radius	1.7" [43mm]
Cable Diameter	.37" [9.4mm]
Red / Black Leadout Length	8" [20cm] [11" span]
Cable Weight	15.2 oz [430g] each
Tolerance	0.1%
RoHS	compliant
Life Expectancy	100 years+
Warranty & Service	limited lifetime, does not cover misuse or abuse



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1. High circuit, U.S. cast and drawn pure copper (x3)
2. Virgin white PVC plus red stripe, 300V (x3)
3. High circuit, U.S. cast and drawn pure copper (x3)
4. Virgin white PVC plus black stripe, 300V (x3)
5. Ground, U.S. cast and drawn pure copper
6. PVC insulator, 300V+300V
7. 90%+ B&E field containment/dielectric perimeter
9. Dacron cable sheath



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

Zu Mission Loudspeaker Cable Mk. I was in production without revision from 2010 through 2015. It was superseded by Mission Loudspeaker Cable Mk. II.

Zu Mission Loudspeaker Cable is a high conductance cable and can be used for all loudspeaker/amplifier applications where fidelity is the primary concern—right next to keeping price rational.

It performs at a much higher level than its price would suggest and it has an easy to work with supple hand. The cable 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 Loudspeaker Cable is agile and dynamic but will not highlight or emphasis problems in recordings, or your room or playback rig. Want the technical? Read on.

Zu Mission Loudspeaker Cable is engineered from the ground up and manufactured in-house to give the listener better sound through improved management and integration of conductor, wire, insulation, cabling, connector, and termination, resulting in a cable assembly that not only improves the sound of your system but feels good and is built to last a lifetime. They 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 EGM model, we combine pure U.S. refined and drawn copper and electric charge independent identical dielectric; meaning we use the same chemistry, including dye and pigments on all positive and negative circuits. Our competition uses wires insulated with different colors, and while you wouldn't think so, each color has its own influence on sound which brings about subtle shading and differences in tone. So why doesn't Zu's competition follow our lead? Because it's hard, and they rarely make their own cable. Color coded and easy to work with insulation is much faster for terminating with connectors, and it's essential for a nontechnical outsourced labor force.

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.



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DIRECTIONALITY

Mission Loudspeaker Cable 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.

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 WARRANTY

ZU AUDIO MISSION LC Mk.I [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 loudspeaker cables 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.



MISSION LC PHOTOS

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ZU AUDIO

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