



MISSION XLR AD COPY + SPEC'S

Zu Mission XLR interconnecting cables are all about maximum hi-fi value and are designed to challenge the state-of-the-art but at reasonable prices.

XLR-type balanced 600 ohm application is very different than RCA-type (single-ended high-Z) interconnect patch cable. Zu has addressed the unique features of balanced line-level signal within the Zu/Gore® two-channel stereo Mission platform. The result is a state-of-the-art performing cable but within the Mission line's high value proposition. Combining the Zu/Gore® two-channel stereo geometry with an overall high conductance and high magnitude shield ensures pristine interconnection and transmission for your music.

Mission XLR is a sweet cable and doesn't really need hype and oversell—true for the entire Mission line—but we know you want to know more so here it is. Mission XLR is developed specifically for balanced 600Ω line-level two-channel stereo signal transmission; not simply an adaptation of a mono coax or twin-ax product like nearly all of our competitors. Mission XLR gives you 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 and propagate in the same exact dielectric space. And ground is not tied or referenced to either end of signal or signal's mate.

Shared dielectric space of both left and right channel; left channel signal sees the exact same electrodynamics and environment as the right. This has two major benefits. The technology safeguards against induced noise; and second it ensures the best possible stereophonic performance—measured and heard. If your cable has to be plugged into a battery or some voodoo nonsense to help keep the noise out, it's because it wasn't designed right in the first place....

Zu Mission also use innovative material technologies such as Teflon® (PTFE) dielectric and pure silver deposit over pure copper core. The XLR-type connectors used on Mission XLR are Neutrik and feature silver plated contacts. Termination on these is solder and for this we use 4% silver-bearing lead-free solder, then epoxy potted. These are a few of the features that ensure your cables will really perform, and for decades without worry or trouble.

Mission XLR are also very easy to work with. They are small, flexible, durable and have a very comfortable hand. Mission XLR is based on the same platform as Zu's top of the line Event XLR interconnect cable, retaining the pivotal design elements but cutting back the high cost/small return ingredients such as the very costly solid core, pure meta-crystal silver.

Ensure pristine and perfectly matched stereo two-channel transmission in your system—Mission XLR.



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ZU MISSION KEY FEATURES AND BENEFITS

- Zu / Gore®-Quad shared dielectric dual signal electrodynamic 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 XLR facilitates very long runs without bandwidth loss or phase issues.
- Uniform impedance characteristics of Mission XLR reduce standing waves and contribute to the stable propagation of intelligence in short or ultra-long runs.
- Zu Mission XLR has no DC offset like in coax or twin-ax 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 XLR also has a reduction of Cp measures, 40% less compared to coax with the same conductance measures.
- Virgin white PTFE (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 Zu Audio in Ogden, Utah—USA.

BURN-IN:

Zu Mission XLR 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.... If you would like us to burn this cable in for you there is a small non-refundable charge and four week delay.

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



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Design	Zu Mission XLR combines Zu and W.L. Gore® two-channel transmission technologies and marries it with cutting edge manufacturing within a copper core / silver skin / PTFE platform. The result is stereo differential signal transmission that is virtually immune to RF and realizes reduced noise from your system, more so than any other brand of cable. Mission XLR is specifically designed for stereo, line-level 600 ohm balanced transmission and combines the Zu / Gore™ two-channel geometry with an overall high conductance shield to ensure pristine and perfectly matched propagation channels for your highly sensitive line-level music signals.
Device Under Test	Mission XLR 1.0m [Neutrik® f-XLR > m-XLR silver plate]
Revision	A
Production	Q3 2010–
Cable Format	two-channel balanced within single RF cage with discrete chassis ground
Signal Conductor Metallurgy	pure U.S. refined, drawn and processed copper core with direct deposit pure silver skin
Signal' Conductor Metallurgy	pure U.S. refined, drawn and processed copper core with direct deposit pure silver skin
Ground Metallurgy	95% high magnitude braid screen
Cable Geometry	Zu / Gore™ two-channel balanced transmission
Signal Wire Geometry	low strand count, perfect lay
Signal's Mate	low strand count, perfect lay (exact match to signal)
Dielectric	virgin white PTFE (all circuits)
Cable Sheath	PET
Leadout Sheath	PET
Connector Metallurgy	high copper brass with heavy silver plate
Connector Termination	silver bearing solder
Y-out Metallurgy & Makeup	100% diamagnetic
Directional	yes, direction arrows printed on both y-out barrels
Crosstalk	nil, channels fall within virtual ground of the other channel pair
Bandwidth	DC – 1GHz
RF Shielding	high magnitude silver over copper braid + Zu / Gore™ differential geometry
Rs 2	0.06 Ω
Rs 3	0.06 Ω
Rs 1	0.02 Ω
Cp ch. 1 (2 / 3)	58 pF
Cp ch. 1 (1 / 2)	101 pF
Cp ch. 1 (1 / 3)	101 pF
Cp ch. 1 / 2 (2 / 2)	55 pF
Cp ch. 1 / 2 (3 / 3)	55 pF
Cp ch. 1 / 2 (1 / 1)	shorted
Ls Signal	1.6 uH
Ls Signal'	1.6 uH
Ls Ground	1.1 uH
Bend Radius	1" [25mm]
Cable Diameter	0.175" [4.45mm]
Leadout Bend Radius	1/2" [12.7mm]
Leadout Cable Diameter	0.16" [4.06mm]
L / R Leadout Span	11" [28cm] standard, custom options available
Tolerance	greater than 0.01% on all intra-channel measures
Weight	6.0 oz [170g]
RoHS	compliant
Design	Zu Audio & W.L. Gore®
Manufacturer	Zu Cable Inc. Ogden, Utah
Manufacturers Country Of Origin	U.S.A.
Life Expectancy	100 years+
Warranty	limited lifetime, does not cover misuse or abuse



MISSION XLR WARRANTY

ZU AUDIO MISSION XLR Mk.I [REV-A] BALANCED LINE-LEVEL ANALOG AUDIO 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 XLR 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. Also, 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, 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.

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.