



Battery-Free Technology
For Acoustic Amplification

Who We Are

Mi-Si Electronics Design, Inc. (pronounced “My-Sigh”) was founded in 2004 by a team of engineers with more than 25 years of experience in the amplification field, developing revolutionary electronics specifically designed for acoustic amplification.

Battery-Free

Mi-Si introduced a truly significant and unique breakthrough: a high-performance, fully active preamp that does NOT REQUIRE BATTERIES. A special blend of new energy sources and our ability to design compact and efficient circuits make our battery-free products a reality. To enjoy the benefits of this battery-free technology all you have to do is power up for 60 seconds for a full 8 hours of performance time or 16 hours when using the Trio and Simple Jack.

Custom Design Solutions

If you have an instrument that requires specific dimensions or features, please contact us. Mi-Si’s engineers will work with you to achieve the sound and functionality you desire.

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The Mi-Si **Acoustic Trio System** features an active, battery-free preamp designed specifically to work with the L.R. Baggs undersaddle Element acoustic guitar pickup.

The preamp for this system uses Mi-Si's **custom piezo linearization scheme**, allowing for the most truthful and accurate sound from the pickup.

All you have to do is power up for 60 seconds using the Mi-Si Power Charger, providing you with up to 16 hours of performance time.



simple jack



This simple and compact model, a high-impedance buffer incorporated into the guitar's endpin jack, also features Mi-Si's revolutionary battery-free technology.

The **Simple Jack** takes the concept of highly efficient design to the next level and will work with any piezo undersaddle pickup.

Power up for 60 seconds and you are free to play for an incredible 16 hours!

Specifications

Input Impedance: 20 M Ω m

Output Impedance: 1 k Ω m

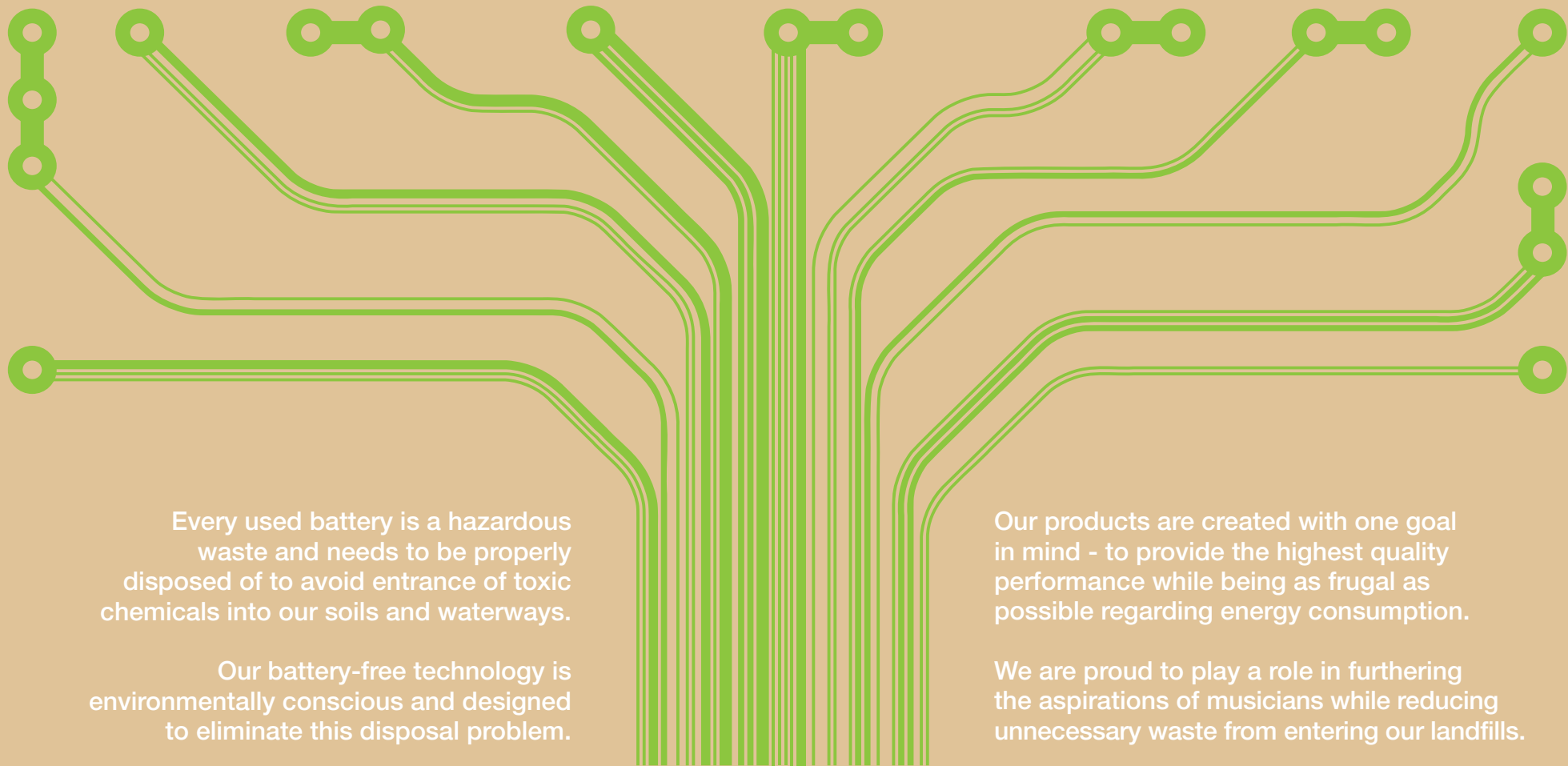
Gain: 7 dB



The **Mi-Si Acoustic Duo** system includes the revolutionary new **Flux 2.0** active battery-free magnetic soundhole pickup for acoustic guitar with the Mi-Si power charger.

The **Flux 2.0** pickup employs a unique “planar” single coil design - less susceptible to AC hum than traditional bobbin wound pickups. This design combines the benefits of a single coil pickup with the virtually hum-free operation of a humbucker. It is an **ACTIVE** magnetic pickup, so you don’t have to worry about the cable capacitance or input impedance of your system - the pure and natural sound of your acoustic guitar will not be altered.

Power up the **Acoustic Duo** for 60 seconds with the Mi-Si Power Charger for up to 8 hours of performance time.



Every used battery is a hazardous waste and needs to be properly disposed of to avoid entrance of toxic chemicals into our soils and waterways.

Our battery-free technology is environmentally conscious and designed to eliminate this disposal problem.

Our products are created with one goal in mind - to provide the highest quality performance while being as frugal as possible regarding energy consumption.

We are proud to play a role in furthering the aspirations of musicians while reducing unnecessary waste from entering our landfills.

green by design



The **Mi-Si Acoustic Trio Mando System** features an active, battery-free preamp designed specifically to work with Kremona piezo pickup for mandolin.

The preamp for this system uses Mi-Si's **custom piezo linearization scheme**. The extremely compact active battery-free preamp is built into a 1/4" Carpenter Jack.

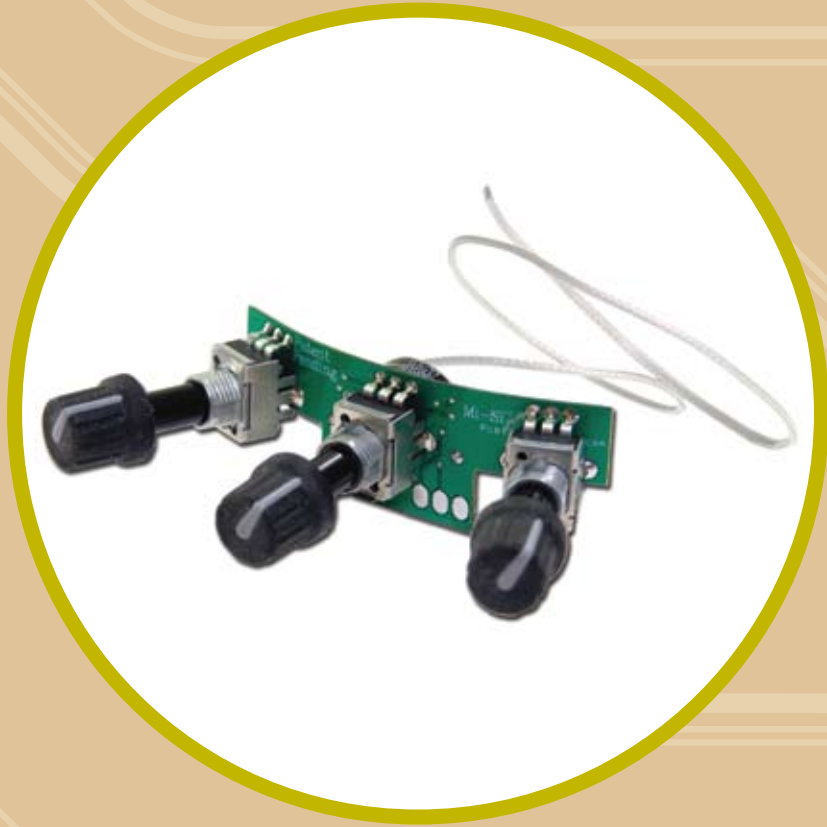
Power up for 60 seconds using the Mi-Si Power Charger for up to 8 hours of performance time.



The **Mi-Si Acoustic Trio Vio System** features an active, battery-free preamp designed specifically to work with the Kremona piezo pickup for violin or viola.

The preamp for this system uses Mi-Si's **custom piezo linearization scheme**. The extremely compact active battery-free preamp is built into a 1/4" Carpenter Jack.

Power up for 60 seconds using the Mi-Si Power Charger for up to 8 hours of performance time.



The Mi-Si **Align** System features an active battery-free preamp. The preamp uses Mi-Si **custom piezo linearization scheme** which allows for the most truthful and accurate sound from the pickup.

Align also includes onboard volume, bass and treble controls.

Power up for 60 seconds using the Mi-Si Power Charger for up to 8 hours of performance time.

power charger

The **Mi-Si Power Charger** is supplied and is compatible with all Mi-Si products and allows you to enjoy the benefits of battery-free technology.

Plug it into any available outlet, connect it to your instrument's output jack, and power up for 60 seconds.

Now you're ready to perform with confidence for up to 8 hours with **duo**, **vio**, **mando** and **align**.

And up to 16 hours of performance time with **simple jack** and **trio**.





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