

Audio Sensibility Grounding Devices

Audio Sensibility Grounding Devices are designed to expand the music soundstage and allow better presentation of low level detail. These devices are made from ultra-pure fine Litz wire and contain no active components (resistors, capacitors, or other circuits).

Testament Grounding Devices provide great performance at a rock-bottom price. *Statement* Grounding Devices add high quality silver to the construction and provide state-of-the-art performance. There are two types of grounding devices.

Loudspeakers

The devices plug into the negative (black) binding posts on the loudspeaker or amplifier end. The effect is stronger when connected on the loudspeaker end versus the amplifier end. Try both ends to determine which ultimately sounds the best.

A single pair of the devices is required for loudspeakers with a single set of binding posts, or bi-wire loudspeakers (which are using jumpers between LF and HF). This is the same whether connecting to the loudspeaker or amplifier end.

For bi-wired loudspeakers:

- Two pairs of the devices are required if connecting on the loudspeaker end.
- One pair of the devices are required if connecting on the amplifier end.

The devices come in the following termination styles:

- Banana Plug (gold-plated copper - *Testament*) – used with spade or stackable banana plug terminated loudspeaker cables.
- Spade (gold-plated copper – *Testament*) – used with banana plug based loudspeaker cables.
- Bare 18AWG wire (OCC copper - *Testament*, OCC silver - *Statement*) – use for maximum performance. Can be used in all applications, e.g. banana plug, spade, and other situations, e.g. connecting to terminal strips. See Bare-Wire Application Notes for further details.

Audio Components

A single device is required per component and plugs into any unused analog input or output. The device only makes contact with the ground connection and does not short the input/output. Do not plug the device into video or digital inputs or outputs.

The devices come in the following termination styles:

- Bare 18AWG wire (OCC silver) with Plastic RCA cap holder (*Statement*) – plug into an unused RCA analog input or output.
- Bare 18AWG wire (OCC copper - *Testament*, OCC silver - *Statement*). Can use for *occupied* RCA analog input or output.
- Coming soon: XLR, 1/4" jack, 3.5mm jack.

General Advice

Start with a set of devices for your loudspeakers. If you are happy with the results you can try the devices on audio components, typically CD players or preamplifiers. Like any tweak, results are system dependent, but we typically find a 95% success rate with customers. *To encourage you to try the devices, we offer a 45 day money-back guarantee.*

If you are already using a grounding device such as the Acoustic Revive RGC-24 Ground Conditioner (MSRP \$800.00) you may find little additional benefit by adding the ground devices.

- The back of this instruction sheet shows typical examples of Ground Device usage. By looking at the pictures you will get a clear idea of how to connect the devices.

Some people find that securing the devices (when connected to loudspeakers) to reduce vibration is useful. A piece of cotton string is provided with each device if you would like to test the effect.

Origin of the Devices

The *Groundside Electrons* diyAudio discussion thread started in May 2007 describes the construction and effects of these devices.

<http://www.diyaudio.com/forums/parts/102180-groundside-electrons.html>

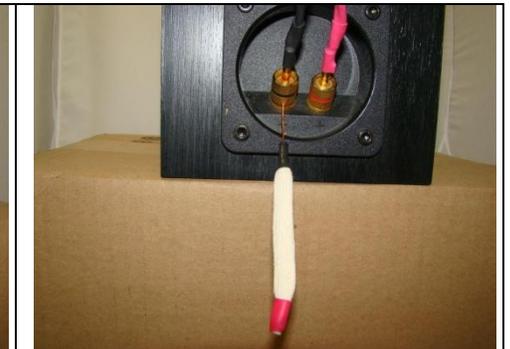
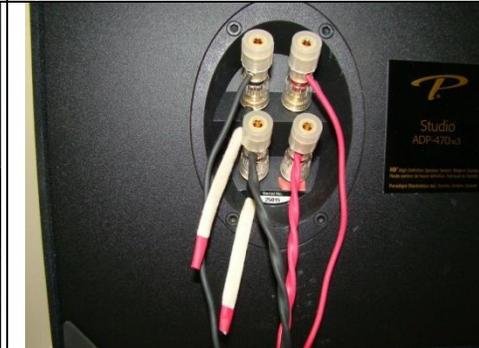
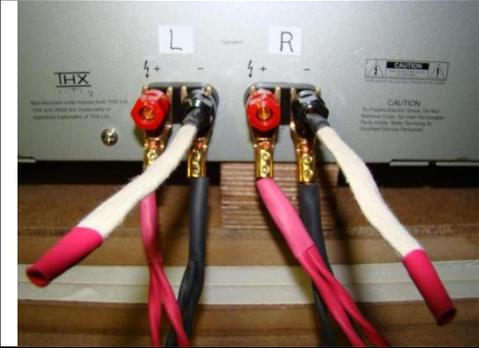
Bud Purvine, an experienced audio professional and DIY evangelist, is considered to be the definitive expert on the devices.

The performance of the devices will vary widely depending on the materials used, manufacturing approach, and skill of assembly. We believe that our implementation of these devices provide both exceptional performance and value.

There are a number of other commercial implementations of these devices including:

- Audio Prism Ground Control, EVS Ground Enhancers

Grounding Devices – Application Notes

		
<p>Single-Wire Speaker Connection Banana Plug Device</p>	<p>Single-Wire Speaker Connection Spade Device</p>	<p>Single-Wire Speaker Connection Bare Wire Device</p>
		
<p>Bi-Wire Speaker Connection Banana Plug Device</p>	<p>Bi-Wire Speaker Connection Spade Device</p>	<p>Bi-Wire Speaker Connection Banana Plug Device</p>
		
<p>Amplifier Connection Banana Plug Device</p>	<p>Amplifier Connection Spade Device</p>	<p>Amplifier Connection Banana Plug Device</p>
		
<p>Use of cotton string to secure devices.</p>	<p>Audio Component Connection RCA Cap Device</p>	<p>Audio Component Connection Connection Rules</p>

Bare Wire Application Notes

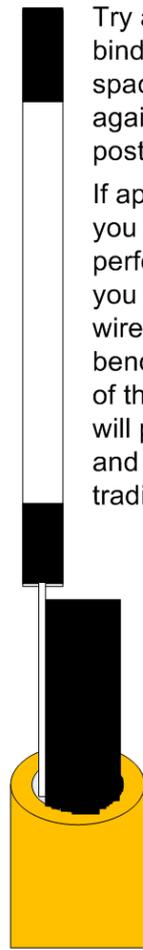
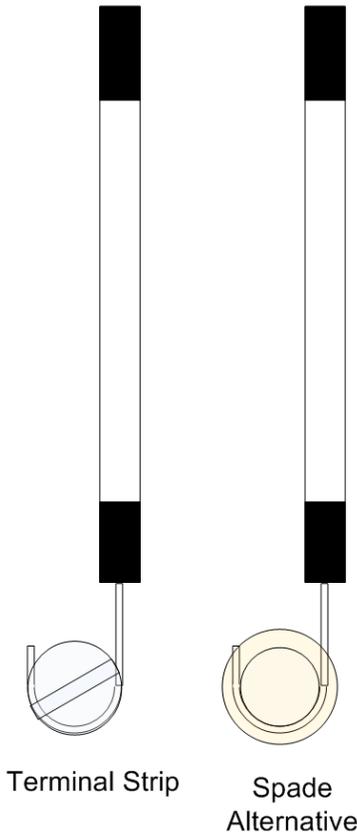
Banana Plug Approaches

Try approach #1 first. Push wire into binding post hole, then push in the spacer which will force the wire snug against the inner side of the binding post wall

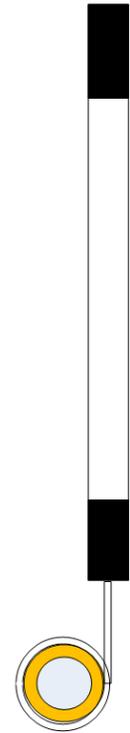
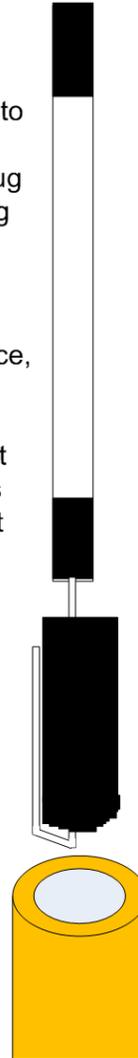
If approach #1 works (and fits) and you are satisfied with the performance of the grounding device, you can reconfigure by putting the wire through the spacer hole then bend back the wire which sticks out of the other end of the spacer. This will provide a spring type of contact and will function more like a traditional banana plug.

Warning!!!

Do not try approach #2 if you can't get approach #1 to work. Once the wire is bent for approach #2 it can no longer be straightened.



Banana Plug Spacer



RCA socket when no Analog input/output available. The RCA male connector fits on top and the edge of the collar pushes against the wire.