

# HL-1 HAZard LAMPS PEDAL

The HL-1 HAZard LAMPS pedal brings the unique tonal voice of the LHZ preamp into a pedal format. This pedal is intended for players with passive basses that want to give it the same punch and power as a USA Spector bass with an internal Hazlabs preamp.

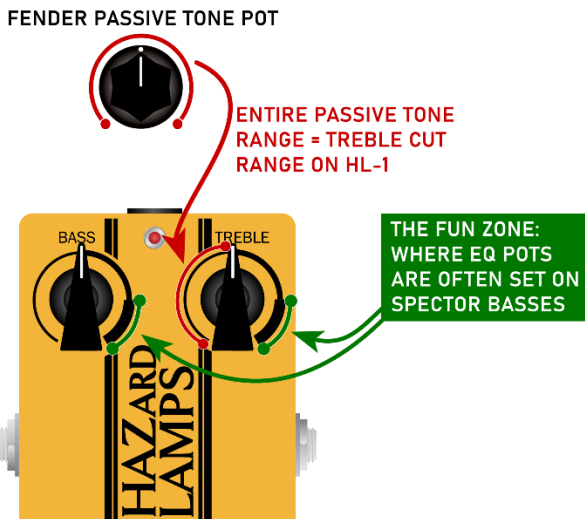
HAZard LAMPS makes it a snap to switch between a Spector and a traditional passive bass during a performance and ensures the passive bass is at the same output level and sits in the same spot in the mix as the Spector.

## THE CHALLENGE

If you play your Spector bass with the EQ “dimed” (or nearly so) then switch to a passive bass, you know the problem: The passive bass does not provide the same output level and EQ response as the active bass, so it will sound low and thin-bodied in comparison.

The problem is that the tone control on a passive bass can only cut frequencies; it cannot boost them.

A passive bass tone control rolled all the way to MAX is the same as an active bass EQ set at the FLAT position. Switching from a dimed Spector to a passive bass (with effectively FLAT EQ) results in a significant difference in levels and tone that makes it difficult to balance instruments using the same signal chain.



## THE SOLUTION

The HAZard LAMPS pedal gives a passive bass the same active EQ control as a Spector with a HazLabs preamp in it.

A passive Fender Jazz with the HAZard LAMPS bass and treble controls set to the same position as a Spector will provide the same output level, same EQ response, and the same unique sonic fingerprint as a Spector bass.

Your bass will still sound like itself, so a Fender will have its characteristic Fender sound and a Rickenbacker will still sound like a Rickenbacker. But the HAZard LAMPS will have the following impact:

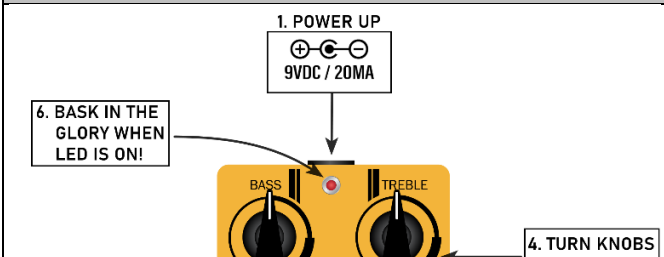
- The output levels and EQ will be the same as the Spector, so there is no need to adjust anything else in your signal chain to compensate for the difference when switching basses, and
- The HAZard LAMPS will generate subtle harmonic overtones and provide a slight sense of compression when played aggressively.

Played with a normal or light touch, the preamp provides a clean bell-like tone. But, when played aggressively, the HAZard LAMPS accentuates articulation and enhances the natural voice of the instrument and pickups to ensure every nuance of your performance is heard clearly.

## OPERATION

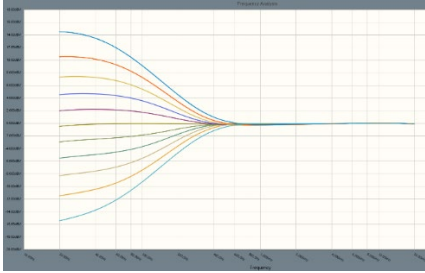
Simple elegance in design and use is a goal with every product we create. There are no extraneous controls: you have a bass and treble knob just like you'd get on the Spector bass with an active preamp, and a stomp button. Even though we don't need instructions, here are the steps to use the HL-1 HAZard LAMPS pedal.

1. Plug in power.  
*The unit requires either 9volts or 18volts from an external power supply.*  
**IMPORTANT:** Do NOT use more than 18volts because you'll let the magic smoke out and you'll be the owner of a fantastic-looking paper weight.
2. Plug your bass into the INPUT jack on the right side of the unit.  
*We recommend the HAZard LAMPS be the first unit in your signal chain so that it is as close to a built-in preamp as possible.*
3. Plug the OUTPUT into your amp or other pedals in your signal chain.
4. Turn the knobs to the desired EQ. There is a center detent at the 12 o'clock position that indicates the FLAT EQ position. The thickness of the dial markings indicates EQ zones:
  - a. CCW (thin line) is EQ CUT.
  - b. CW (thicker line) is EQ BOOST.
  - c. CW (fat line) is the "fun zone" where a lot of Spector users tend to run their basses to get *that* sound. EQ in this range is often referred to as being "dimed."
5. Stomp the button to toggle the unit OFF and ON.

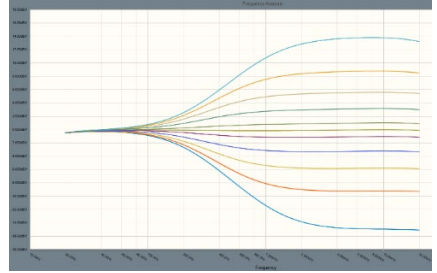
CONNECTIONS / OPERATION	LED STATUS
 <p>1. POWER UP 9VDC / 20MA</p> <p>6. BASK IN THE GLORY WHEN LED IS ON!</p> <p>BASS TREBLE</p> <p>HAZARD LAMPS</p> <p>3. PLUG IN AMP HERE</p> <p>4. TURN KNOBS TO FUN ZONE</p> <p>2. PLUG IN BASS HERE</p> <p>5. STOMP HERE</p>	<p><b>LED = OFF</b></p> <p>Preamp is disabled and input is physically bypassed to the output. This is the mode the unit should be in when playing a Spector with the EQ dimed.</p>
This cell is shared with the diagram above	<p><b>LED = ON</b></p> <p>Preamp is enabled and BASS and TREBLE controls are operational.</p> <p>This is the mode the unit should be in when playing a passive bass. Knobs should be set to the same positions as on the Spector bass to ensure the output levels and EQ of the passive bass output match the Spector.</p>

## SPECIFICATIONS

Enclosure style: 152B  
Enclosure dimensions: 122mm (L) x 67mm (W) x 39.6mm (H)  
Power Supply (nominal): 9VDC @ 20mA   
Power Supply (maximum): 18VDC @ 20mA   
EQ Cut/Boost: +/-15dB



BASS EQ CUT / BOOST SPAN



TREBLE EQ CUT / BOOST SPAN

## SUPPORT CONTACT

If you have any questions, concerns, or just want to reach out to us to let us know how you are using the HAZard LAMPS pedal, please visit our website at: <https://LHZpreamps.com>

You can email us direct at: [sales@LHZpreamps.com](mailto:sales@LHZpreamps.com)

And if you are a content creator and using the HAZard LAMPS or LHZ preamps, please tag us with #LHZ and #LHZpreamps so other users and potential clients can see what you are up to!

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