

## Read Me First!

Installation of this product is a straightforward procedure, but we recommend this job only if you are an experienced repair technician.

## Requirements

### Saddle Slot:

Minimum saddle slot length: 2.775" (70.48mm)

Maximum E to E string spacing at saddle: 2.5" (63.5mm)

## Preliminary

1. Widen the endpin hole to  $1\frac{15}{32}$ " (11.9mm) to accommodate the endpin jack.
2. Drill a  $\frac{3}{32}$ " hole (2.4mm) in the saddle slot for the pickup wire, no less than .100" (2.5mm) from nearest string. Install the pickup per Acoustic Matrix installation instructions.

## Location

Before you cut the cavity on the side of the guitar, choose a compatible location:

- Pick a location that allows the preamp to swing freely without bumping into the internal braces. The preamp housing requires at least  $1\frac{11}{16}$ " (4.3cm) clearance inside the guitar.
- Position the preamp on the flattest convenient surface on the side of the instrument.

The flattest and most comfortable location is usually at the upper bout, just above the instrument's waist and well below the shoulder (figure 1). Note that when the bezel is fastened to the side, it will bend just enough to conform to the curves of most standard instruments.

To help prevent cracks and provide structural support for the preamp, we recommend reinforcing the mounting area with thin veneer before you cut out the cavity.

## Installation

1. Once you select the mounting location, affix the template and cut out the cavity. Use a #45 (.082", 2mm) drill for the screw holes.
2. Install the endpin jack per Switchjack Installation Instructions.
3. To access the input, open the trap door on the back of the preamp chassis (figures 2, 3).

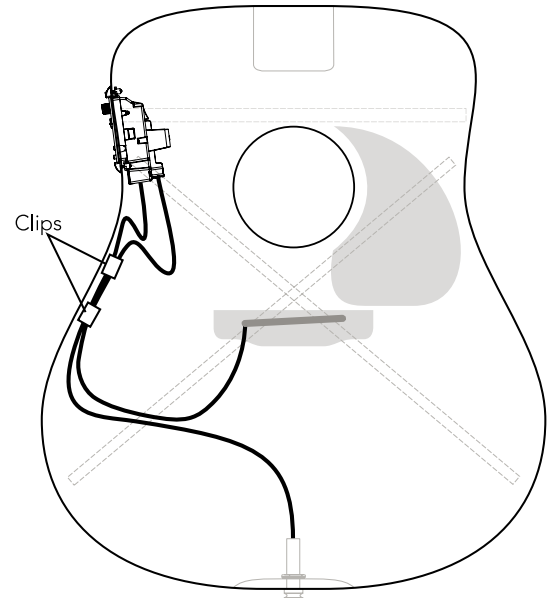


Figure 1.



Figure 2.



Figure 3.

4. Fasten the pickup wires to the terminal block (figure 4). The signal wire goes to the terminal marked "IN" and the shield wire goes to the "GND." Tighten the screws on the block to secure the wires.



**Figure 4.**

5. Loop the pickup wire to the right and press it into the slot on the edge of the chassis. Snap the trap door shut (figure 5). Place the preamp in the cavity.



**Figure 5.**

6. For easy access installing the screws/mounting brackets, swing the preamp open. Insert the mounting screws in their holes. Reach inside the soundhole and fasten the screws to the mounting brackets with a #1 Phillips driver. Snap the four covers in place over the screw heads.

7. Secure the wires inside the instrument with the supplied adhesive backed clips (figure 1). Clean the mounting surface with an alcohol wipe or a cotton swab moistened with rubbing alcohol.

8. Swing the preamp open and install a fresh 9V alkaline or lithium battery.

## Sound Image upload

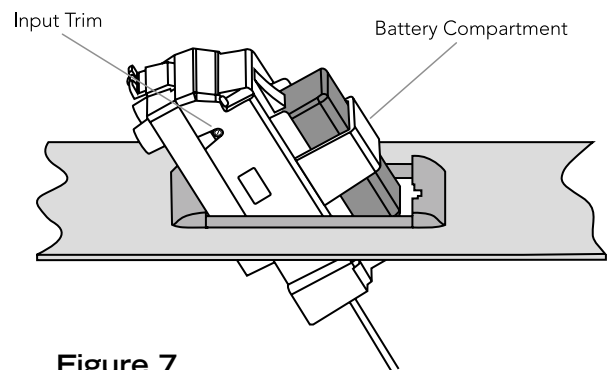
Install the included Aura Image Gallery software on your computer. Open the preamp compartment and connect a "mini-B" USB cable between the preamp and the computer (figure 6). Follow the onscreen instructions to upload Images.



**Figure 6.**

## Input trim adjust

- Unplug the guitar and open the preamp compartment. Locate the small circular potentiometer on the right side of the preamp (figure 7).



**Figure 7.**

- To turn on the VU meter, move the Edit/Play switch to Play, hold down the Tuner button and plug in the guitar. The Tuner display will flash.
- Play the instrument strongly and watch the Tuner display. Use a small flat-head screwdriver to adjust the trim control so all three LEDs flash occasionally with hard strumming.
- To exit the VU meter, push the Tuner button.