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)

Wide Format Width: .125" (3.17mm)

Narrow Format Width: .094" (2.39mm)

Preliminary

1. Widen the endpin hole to 15⁄32" (11.9mm) to accommodate the endpin jack.

2. Drill a 3⁄32" hole (2.4mm) in the saddle slot for the pickup wire, no less than .100" (2.5mm) from nearest string.

Standard Installation

For nylon string instruments or installation without the control module, refer to the Installation Options below prior to mounting the Volume & Tone controls.

1. Test the area where you will mount the Volume & Tone control module. Locate the module flush with the edge of the soundhole, on the bass side, between the transverse brace and the bass-side x-brace (figure 1).

2. Remove any lacquer and/or buffing compound from this area using fine grit sandpaper. Clean this surface with an alcohol wipe or a cotton swab moistened with rubbing alcohol. Let dry.

Note: For the strongest bond we recommend that you now apply a water-based primer/sealer to the bare wood inside the soundhole. Let the primer/sealer dry before continuing.

3. Peel back the release film on the bottom of the preamp module and fasten the preamp to the underside of the soundhole. Apply even, steady pressure to the module to set the adhesive. The adhesive gains maximum hold after 24 hours.
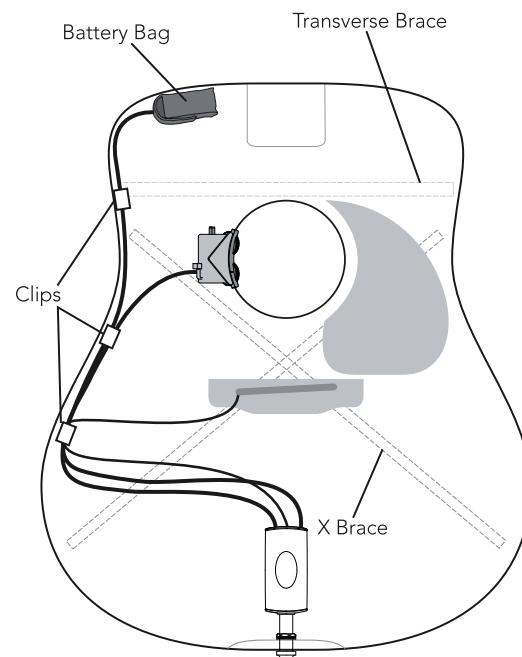
4. Install the pickup per Acoustic Matrix Installation Instructions.

5. Open the preamp body by unscrewing the single screw on the side opposite the Matrix Infinty logo. Flip the preamp over so the circuit board remains in the plastic housing (figure 2).
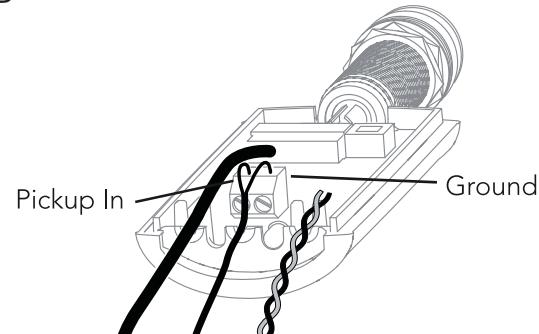
6. Fasten the pickup wires to the terminal block on the preamp module. The signal wire goes to the terminal marked "IN" and the shield wire goes to the "GND" terminal. Tighten the screws on the terminal block to secure the wires. Do not shorten the pickup wire.

7. Replace the preamp's back cover being sure the wires do not get pinched by any plastic parts. The housing should easily fasten tightly when the screw is replaced.

8. Secure the wires inside the instrument with the supplied adhesive-backed clips (figure 1). Clean the bare wood surface where you will fasten the clips. Use an alcohol wipe or a cotton swab moistened with rubbing alcohol.

Figure 1.

Figure 2.

Battery Bag

Install the battery bag on or near the neck block as shown in figure 1.

1. Clean the area where you will mount the bag with an alcohol wipe or cotton swab moistened with rubbing alcohol. Let dry.

2. Peel off the plastic film from the Velcro patch and attach the bag at the chosen location.

3. Carefully separate the bag from the Velcro patch. To set the adhesive, burnish the entire area of the patch, especially the edges.

4. Install a 9V alkaline or lithium battery. Tuck the battery into the bag and re-attach to the Velcro patch. The adhesive under the Velcro patch requires 24 hours to achieve a full bond, so take care to not stress the adhesive if you remove the battery bag after the initial installation.

Installation Options

Nylon String Guitar Mount

An optional control module mount is provided in the package for use with nylon string guitars whose bracing patterns may interfere with the standard mount. To install this:

1. Carefully push back the retaining latch and rock the control module circuit board away from the plastic mount as shown in figure 3.

2. Locate the included nylon string guitar mount and snap it into place as shown in figure 4.

Installation Without Controls

Under normal installations, the Volume and Tone control module is installed in the soundhole. Optionally, the infinity preamp may be installed without these controls, however this requires setting the circuit board-mounted switches appropriately as shown in figure 5.

1. To remove the control module, open the Infinity preamp case and gently pull the control module cable and connector away from its circuit board-mounted connector.

2. Use switch marked with a "1" to select either a bass boost ("ON" position) or the flat setting.

3. Set the switch marked with a "2" to the "ON" position. This allows the preamp to operate properly without the control module in place.

Second Pickup Source Option

A second source such as a microphone or magnetic soundhole pickup may be added (figure 6). The output will appear on the ring connection when a tip-ring-sleeve 1/4" jack is inserted.
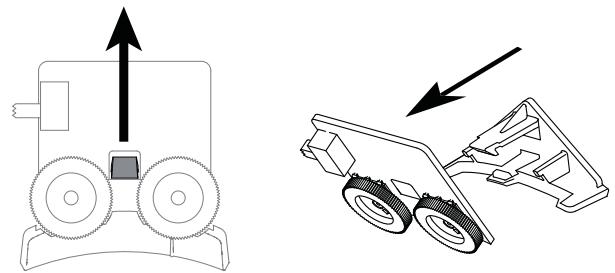
For specific wiring diagrams, refer to fishman.com.

Figure 3.

Figure 4.

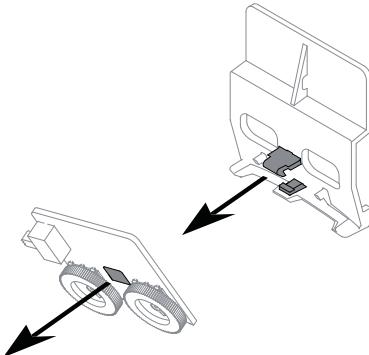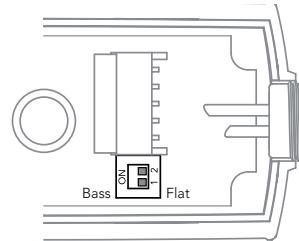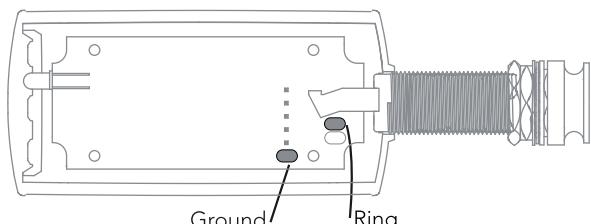|	
	With Volume & Tone controls **installed**
	If controls are **removed**: 1. Set switch 2 to ON
	2. Choose Flat voicing or
	Bass Boost with switch 1.

Figure 5.

Ground   Ring

Figure 6.