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FISHMAN

**USER GUIDE
BP-100**

Welcome

Thank you for making Fishman a part of your acoustic experience. We are proud to offer you the finest acoustic amplification products available: high-quality professional-grade tools which empower you to sound your very best.

Troubleshooting

If you are unfamiliar with this product, please pay close attention to the requirements for installation. Failure to do so can result in permanent damage to the pickup.

Installation by a qualified professional is strongly recommended.

Technical support, troubleshooting tips and installation information can be found at <http://www.fishman.com/support/>

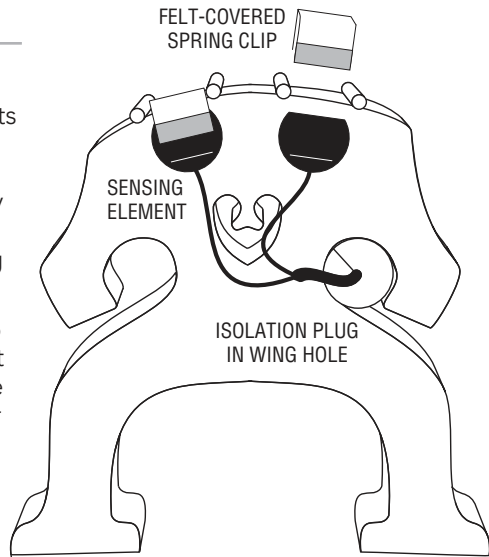
Installation

Prepare the bridge

1. The area of the bridge where the elements will be mounted must be flattened with a sanding block or a flat file. Otherwise, the performance of the pickup will be adversely affected. Most problems with the pickup's performance can be remedied by flattening the bridge face.

Use a 120–150 grit sanding block or a file to flatten the area that will make direct contact with the elements. Check the flatness of the bridge face with the edge of a steel ruler or single-edged razor blade.

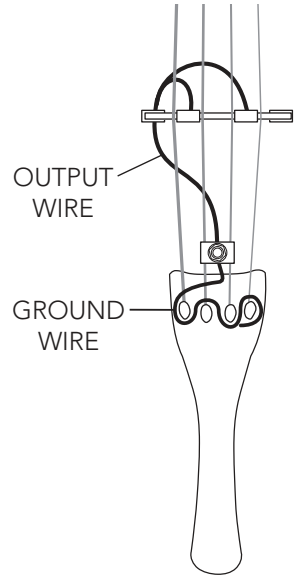
2. Clean the bridge with alcohol before mounting the elements. Remove all rosin deposits.



Mount the pickup

Caution: do not pull or bend the wires at the bases of the elements. You may destroy the pickup!

1. Slide the pickup wire through the E-string side wing slot.
2. Center the elements black side up on the side of the bridge that faces the fingerboard, as shown, with the straight edge $\frac{1}{8}$ " below the top edge bevel of the bridge top. The felt-covered clip should be pushed tightly against the top of the bridge. A loose clip may be tightened by squeezing it before installation.
3. Weave the ground wire over the string ball-ends making sure to contact each ball.
4. Determine which isolation plug fits snugly into the E-string side wing-hole on the bridge. Slip the wire into the slit of the isolation plug and fit the plug into the wing-hole.



Fine Tuning

- Mounting the elements $\frac{1}{4}$ " to $\frac{1}{2}$ " below the top edge of the bridge will produce a different sound.
- You may fine tune the string balance by moving the upper corner of an element closer to or further from an individual string.
- Once the optimum position is determined, the elements should not be disturbed or removed from the instrument.
- The mounting clips must be tight. They should be retightened after installation to compensate for compression of the felt.

Plugging In

An impedance matching preamp is recommended, but not required. This will help realize the full frequency response potential of the pickup and allow for cable runs longer than 10 feet without signal deterioration. Use a high quality, low capacitance ¼" shielded instrument cable. This will ensure minimal tone coloration and hum.

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