

**Schatten Archtop Guitar Pickup Model AT-04**

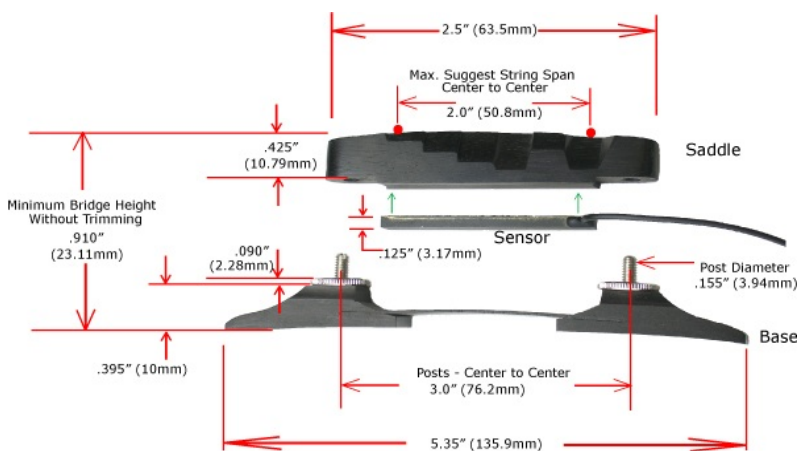
Thank you for purchasing one of our archtop pickups. Each pickup is carefully hand built and tested to ensure that it meets our high standards for quality and durability.

Please Read These Instructions before installation:

Prior to fitting: the maximum allowable string span from low E to High E is 2 inches (50.8 mm). Check your existing bridge to see what the string span is on your old bridge. Setting the string span to anything greater than 2 inches on the new bridge will result in the outside strings being reproduced at lower volumes as compared to the inner four strings.

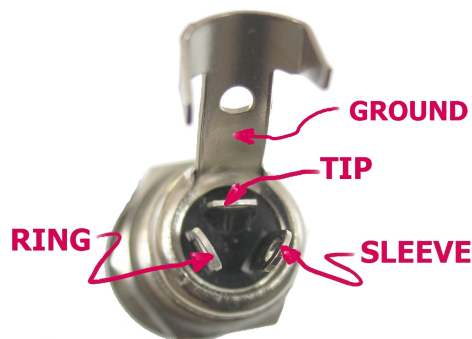
Pickup Fitting

- 1) The feet of the bridge must be fitted correctly to match the curve of the belly of the guitar. The bridge itself has some flex to the feet of the base and you may check the fit of the bridge by exerting a small amount of down pressure on the bridge to see how well the feet match the top. If the fit is not good, and if you are not comfortable doing the fitting of the bridge, then it is strongly suggested that you take your pickup and instrument to your local guitar builder/ repair person or luthier to have the work done professionally.
- 2) Reasonable care should be taken when handling the pickup until it is installed. The lead wire from the pickup is quite flexible and is not prone to breakage. Please refrain from any excessive pulling or tugging on the lead wire.
- 3) The sensor element is located within the black colored brass enclosure at the bottom of the saddle. It is attached to the saddle with 3M VHB foam tape.
- 4) The saddle may be trimmed and cut down, within reason, as required. If it is necessary to trim wood from the bottom of the saddle, the sensor element may be removed from the underside of the saddle by inserting a sharp blade between the element and the saddle, breaking the adhesive bond. Remove any remaining VHB tape. Extra VHB tape is supplied for reattaching the sensor if needed.
- 5) Caution: Removing too much wood from the saddle or from the bridge base may weaken the bridge unit and allow it bow from string pressure. This may cause the pickup to not work properly as the sensor element may lose contact with the saddle bottom. In extreme cases removing too much wood may result in the structural failure of the bridge itself. Modifications made to this pickup that cause the pickup sensor or the bridge structure to fail will void the warranty on this pickup.



Electrical

- 1) The AT-04 comes with an endpin jack. The jack may be installed to replace the endpin of the guitar or may be installed through the side wall of the instrument.
- 2) A 1/2" diameter hole is to be drilled through the end block of the instrument if the jack is to be used as an endpin jack.
- 3) A 3/8" diameter hole is to be drilled through the side of the instrument if the jack is to be used as a side mounted jack.
- 4) The lead wire from the sensor element is a shielded cable and consists of two wires: directly under the outer black insulator is a copper wrap of wire This is the shield or ground (-). Moving the shield wire aside, there is a second white insulated wire. This is the hot (+).
- 5) On the endpin jack, the shortest lug 'TIP' is where the hot (+) wire is to be soldered. The shield ground (-) wire is to soldered to the long arm that is also the cable clamp.



Warranty

We warrant to the original purchaser that our pickups are free from defects in materials and workmanship for a period of 2 (two) years. Should a product fail to perform properly within the specified warranty period you may contact your dealer or Schatten Design for instructions. No product will be accepted for warranty return by Schatten Design without a Return Authorization number.