

PRODUCT MANUAL

ALOHA TWIN

The Aloha Twin is an internal double-sensor pickup specially designed for the Ukulele. It can be installed two ways:

1. With the supplied double-sided adhesive tape in front of the bridge plate (or bridge, if no bridge plate is present) on the inside sound board.
2. With superglue on a flat bridge plate (or directly under the bridge, if no bridge plate is present). Please note that the bridge plate must be completely flat – it will not work if the bridge plate is radiused, which means it is curved up, e.g. Mele Ukuleles.



SUPERGLUE NOT INCLUDED!

Please purchase any brand of **superglue gel** (Cyanoacrylate) before beginning installation. **IMPORTANT!** Please ensure that you are buying **superglue gel** (the package will specify) as this is essential for proper installation.

Preparing superglue for use:

- Knead superglue before using to ensure even consistency.
- Test the superglue by gluing a penny to a piece of wood. Apply pressure for about 30 seconds.
- The glue on the penny should cure after another 30 seconds, meaning that the gel has hardened and the penny is firmly attached. If the glue did not cure properly, please discard it and repeat steps with a fresh tube.

Using superglue properly creates a molecular bond between the pickup and the instrument and is the single most important factor in the final performance of the pickup! Please do not skip these steps.

Tape installation on the bridge plate (as opposed to **in front of** the bridge plate) is very quiet so we do not recommend it.

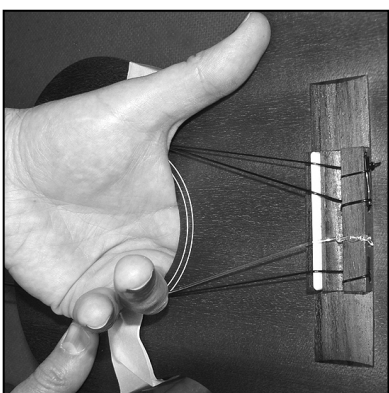
Both installation methods are about equally loud but the superglue mount has the most balanced tone with superb feedback rejection.

Check if you can reach your fingers into the sound hole all the way to the bridge plate. We only recommend the superglue installation if you can reach the installation spots fairly easily. If you have any doubts, please use the tape installation in front of the bridge plate/bridge.

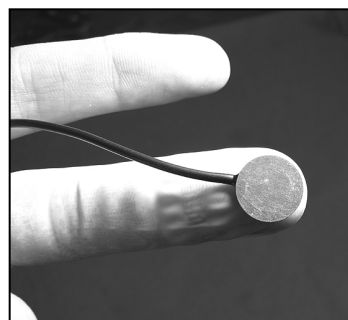
Either way, this pickup system has a strong output signal and works nicely even without a preamp. Please keep in mind when playing without a preamp, the result depends somewhat on the quality and type of the amplification equipment. For more tone control, the external K&K Pure Preamp would be a great choice with its clean musical EQ and small size.

TAPE INSTALLATION

1. Drill the endpin hole. You should use a designated endpin reamer tool. If you do not have one, please let a skilled luthier do this work.
2. Loosen the stings and spread them apart with a piece of rope or with masking tape.
3. Check if you can reach the desired location in front of the bridge plate with your index or middle finger. Use your left or right hand, whichever feels most comfortable. Get a feel for the location of the braces, the bridge plate, etc.

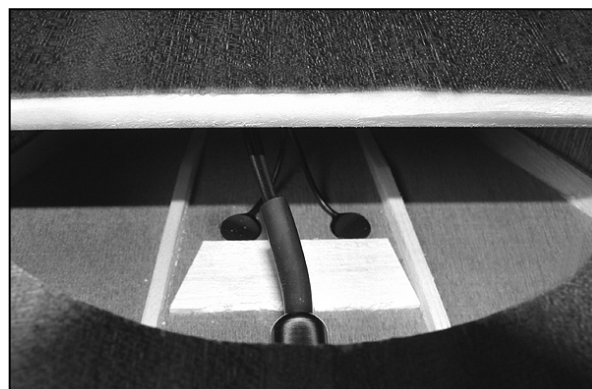


4. Apply the double-sided tape to the gold side of the pickups as described in the included note describing proper handling of the double-sided tape.
5. Practice the installation with one pickup without removing the brown protective foil from the tape. Place the endpin jack loosely inside the ukulele, reach in with your fingers and aim the pickup to the desired mounting spot. You can feel for the front edge of the bridge plate as a guide and aim to position the pickup as close toward the edge as you can reach.
6. If you're having trouble holding on to the pickup inside the instrument, try this trick: Put on one of the supplied finger cots (latex glove for 1 finger). Temporarily stick the top (black side) of the pickup to your protected fingertip with a small piece of the double-sided tape (or another suitable kind of tape, like carpet tape).

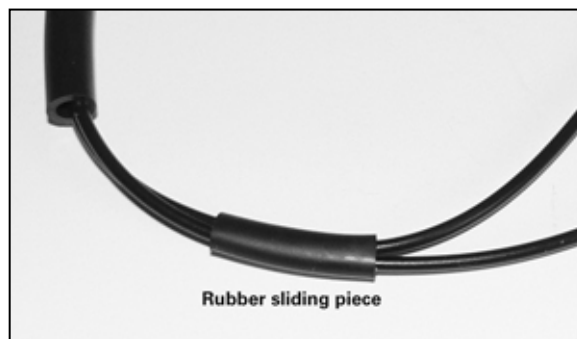


This is similar to the procedure we describe below for the superglue mount but here you must use tape instead of glue as it would bond too tight and you would pull the tape-mounted pickup off when removing your finger cot from the pickup.

7. Once you are comfortable and ready, remove the backing from the double-sided tape and install the pickup as practiced. Repeat with the second pickup.



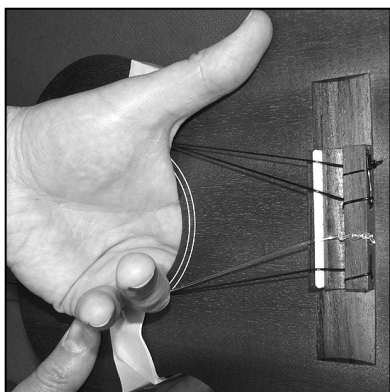
8. Move the rubber slider along the pickup cables, towards the pickup heads to secure the cables about 1" from the pickups.



9. Skip to **Installing the Endpin Jack** (p. 4)

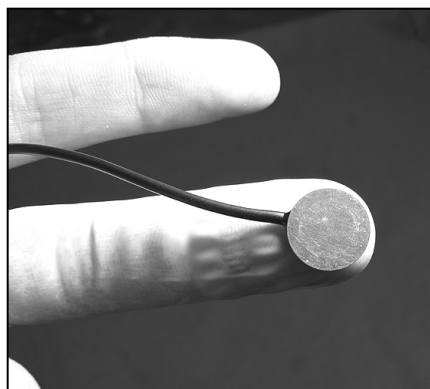
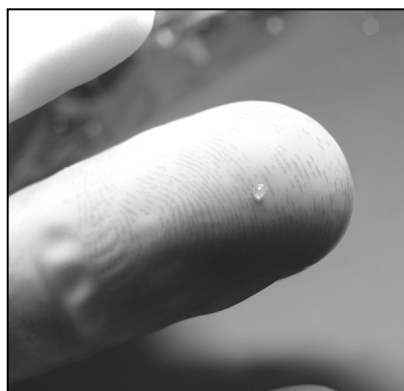
SUPERGLUE INSTALLATION

1. Drill the endpin hole. You should use a designated endpin reamer tool. If you do not have one, please let a skilled luthier do this work.
2. Loosen the stings and spread them apart with a piece of rope or with masking tape (see photo for step #7).
3. Inspect the area under the bridge inside the ukulele. A flashlight and a small telescopic mirror come in handy. If you're planning on installing the pickups on the bridge plate, make sure that it is **completely flat**! If the bridge plate is radiused at all, please use the tape installation in front of the bridge plate (as described above).
7. Check if you can reach the desired location in front of the bridge plate with your index or middle finger. Use your left or right hand, whichever feels most comfortable. Get a feel for the location of the braces, the bridge plate, etc.

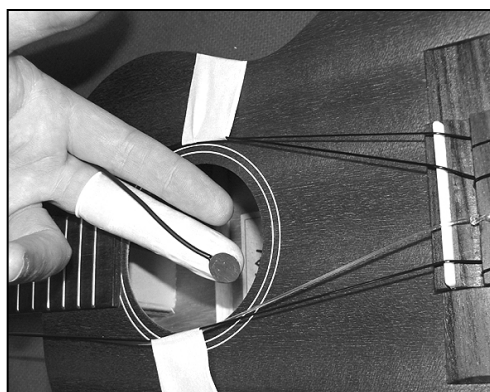


Note: Make sure you can reach your fingers into the sound hole all the way to the bridge plate. We only recommend the superglue installation if you can reach the installation spots fairly easily. If you have any doubts, please use the tape installation in front of the bridge plate/bridge.

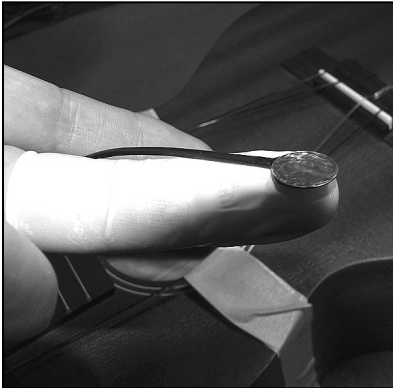
8. Make sure the bridge plate (or the area under the bridge, if there is no bridge plate) is clean and smooth. Sand it if necessary.
9. Put on one of the supplied finger cots (latex glove for 1 finger). Apply a very tiny dot of superglue gel to the tip of your finger. Stick the black side of one pickup onto your finger, with the golden side free and facing up.



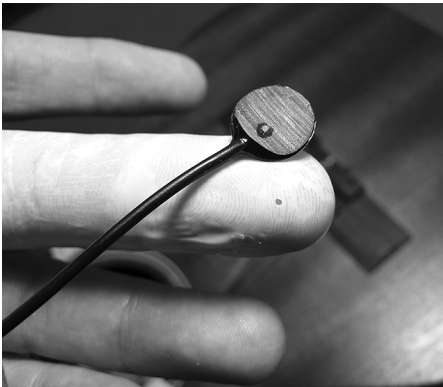
10. Practice placing the pickup without any glue on the golden side. Place the endpin jack loosely inside the ukulele and reach in with your fingers, aiming for the desired mounting spot. The pickups should be installed between string 1 & 2 and string 3 & 4, under the saddle.



11. Once you are comfortable and ready, apply superglue to the golden side of the pickup and evenly spread a thin layer of glue over the golden surface. Place the pickup as practiced.



12. Press the pickup to the mounting spot for about 30 seconds, and then remove your finger. The finger cot will likely leave some latex residue on the pickup. This does not affect the sound, but you can go back and clean it off later.



(For demonstration only: This photo shows the small bit of latex residue that stays on the pickup.)

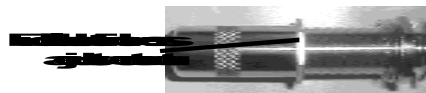
13. Put on a fresh finger cot and repeat the procedure with the second pickup.

14. Move the rubber slider along the pickup cables, towards the pickup heads to secure the cables about 1" from the pickups.



INSTALLING THE ENDPIN JACK

1. Unscrew the endpin jack's strap mount knob.
2. Take off the nut and washer.
3. Find out the thickness of your end block and set the nut on the cap accordingly (see picture below). Once in place, screw the cap in as far as it goes.
4. Insert the jack from the inside into the endpin hole. Tip: a chopstick or something similar helps to get a hold of the jack and pull it through the hole.
5. Attach outside washer and nut and tighten. Attach the end knob.



The end result should look like this:

