

BOUNTIFUL™
CONTACT MICROPHONE PICKUP
FOR ACOUSTIC GUITAR

Thank you for choosing the AMUMU Bountiful Pickup.

Please read through the entire manual before installation.

Please make sure you read, understand and agree to the disclaimer.

Contact us if you have any questions by email: support@amumu.rocks

This manual describes the installation for both pin-bridge guitars and pinless-bridge guitars, you can ignore the one that not suits your guitar.

For pin-bridge guitars, the included paper jig has to be used for accurate installation. For pinless bridges, just strictly follow the installation procedure.

Please **do not** install the pickups in any other location besides the bridge plates inside the guitar, but if your guitar has a very small bridge plate, you can use the included double-sided tape to test the other locations inside of your guitar before using the superglue, please do not use the superglue to install the pickups on the external surface of your guitar, but you can use the double-sided tape to install the pickup on the external surface if you like anyway, because the double-sided tape can be removed without hurting the guitar finish.

Please **do not** overlap the transducers with each other at all which will result in very bad tone quality.

Please **try not** to bend the transducers when installation because it's very important to reach the full potential of the pickups by fully combination between the surface of the transducers and the surface of the bridge plate.

DISCLAIMER

The following installation instruction is mandatory.

Installation or removal of this product is at your own risk.

In no event will AMUMU be liable to you or whomever you ask for doing this installation or removal in your place, for any damages arising from your use of, or the inability to use these products. This includes any possible health hazards, accidents, injury, any lost profits, or other incidental or consequential damages, even if AMUMU has been advised of the possibility of such damages, or for any claim by another party.

TO FULLY UNLEASH THE PICKUP POTENTIAL

We highly recommend you to use a preamp pedal to control the EQ and Feedback. For example, you can get the AMUMU GLORIFIER preamp which is specially designed for all the AMUMU pickups, and you may get the chance to have a free one since you are already our customer.

- Email us to get a 10% discount for the AMUMU GLORIFIER Preamp.
- Make a video of your installation process of the Bountiful Pickup and get a 50% discount for the GLORIFIER Preamp.
- Make another video to demonstrate the pickup and the preamp, we will issue a full refund for the pickup and the preamp.

PACKAGE CONTENTS

- 3 identical contact microphone transducers with 1 endpin jack
- Installation Manual
- Accessories
 1. Sandpaper
 2. Double-Sided Tape
 3. Paper Jig (A, B)
 4. Golf Tee (x2)
 5. Blu-Tack Putty
 6. Superglue (x2)



TOOLS NEEDED

1. Blanket (or similar fabrics)
2. Flashlight
3. Handheld Mirror
4. Ball Pen
5. Electric Drill (for endpin jack mount)
6. 15/32 inch or 1/2 inch Drilling Bit

SUPERGLUE VS. DOUBLE-SIDED TAPE INSTALLATION

We did tests and learned that a **superglue installation helps the pickups reach their full potential**. The best sound is achieved when the pickups and the surface of the guitar are tightly combined together as much as possible and Superglue gel can bond the pickups to the guitar to a molecular level, but make sure to fully cover the golden surface of the pickups with the superglue.

If you do not wish to use superglue on the inside of your guitar, you can use the included double-sided tape, Please note that using this method will result in about 30% loss of volume and tone quality, compared to the superglue installation. Also, the pickups may fall off the guitar surface over time. You may also not be able to remove the pickups even installing with the double-sided tape, we highly recommend you to install the pickups with the super glue. **Please think carefully before your decision between using the SUPERGLUE or the DOUBLE-SIDED TAPE.**

SUPERGLUE INSTALLATION CAUTIONS

- Make sure not to get superglue on your fingers or on your guitar surface, it's recommended to cover the entire guitar top with fabric or paper and just leave the sound hole open.
- The entire golden surface of the pickup needs to be covered with superglue gel, DO NOT use just a drop in the center but spread a generous amount all over the golden surface, as this is crucial to get the best signal output, balance and sound quality.
- Do not rush because the superglue gel will not dry immediately after it is applied to the pickup, and it will not set until contact with another surface.

- The superglue gel even allows for repositioning in a few seconds after the pickup is pressed onto the bridge plate, when the final position is located, you can press the pickup firmly in place for at least another 30 seconds.

DOUBLE-SIDED TAPE INSTALLATION CAUTIONS

- There are two ways to install the pickups by the double-sided tapes.

1. Just Replace the "superglue" to "double-sided tape" in the next installation instructions and follow the steps.

2. Use a mirror to see the bridge plate clearly, then stick the double-sided tape strip onto the bridge plate inside of the guitar, near the pinholes, but choose the side with the bigger area that enough for sticking the pickups. Then use the JIG A or JIG B to locate the pickup onto the double-sided tape, one by one.

- Due to the product updates, a few old version pickups come with the double-sided tape on them, just remove the Release Liner and follow the next instructions. If you choose the superglue installation, you can put the superglue on the double-sided tape after removing its Release Liner which does not affect the sound transduction.

PREPARATION (FOR BOTH PIN-BRIDGE & PINLESS-BRIDGE GUITARS)

1. ***If your guitar has a pinless bridge, remove the strings and jump to the PINLESS BRIDGE INSTALLATION, you can also read the following pin-bridge guitar instructions for installation reference.***

2. If your guitar has a pin bridge, loosen the strings and clamp a capo on the 7th fret, then pull out the strings pins and the ball ends of the strings, the capo will hold the strings on neck and tuners. This way you don't have to remove the strings entirely and can quickly re-install them after the pickup is installed.

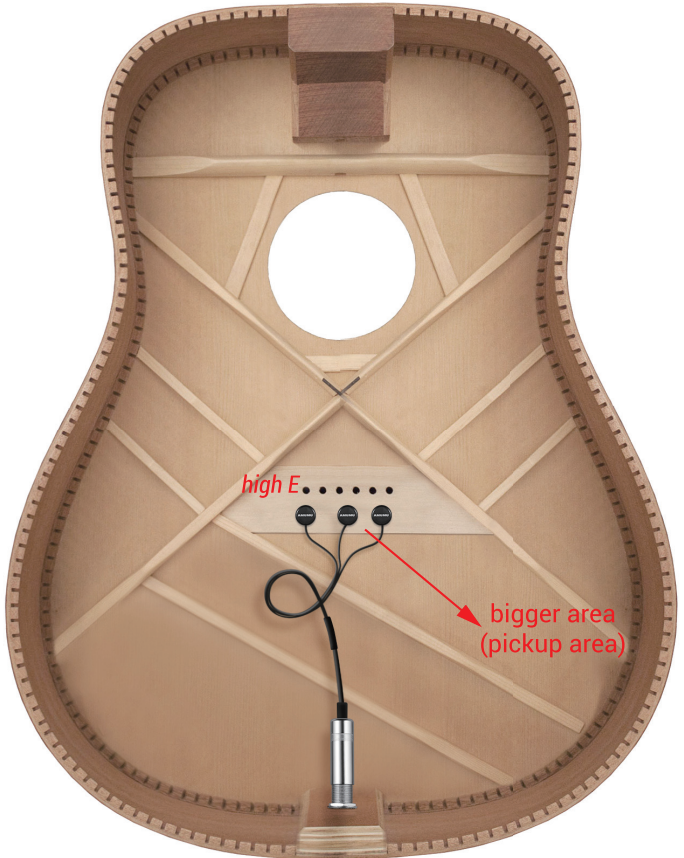
2. Place the guitar on a table (Put a blanket under the guitar), then put your hand into the soundhole and feel the internal structures underneath the bridge with you finger.

3. Use a mirror and a flashlight to locate the bridge plate and make sure it is level, clean, and smooth. (If there are residues, use the included sandpaper to rub off)

4. Using the pinholes as a dividing line to differ the bridge plate into two areas, and confirm which area is bigger and has enough space to stick all the 3 transducers.

5. Choose the paper JIG A if the **bigger area (pickup area)** towards the headstock, on the contrary, choose the paper JIG B if the **bigger area** towards the bottom of your guitar. We used the JIG B in the following example.

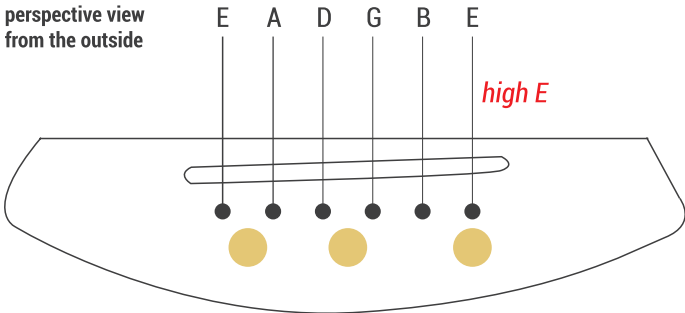
pin-bridge acoustic guitar internal view



PIN-BRIDGE GUITAR INSTALLATION

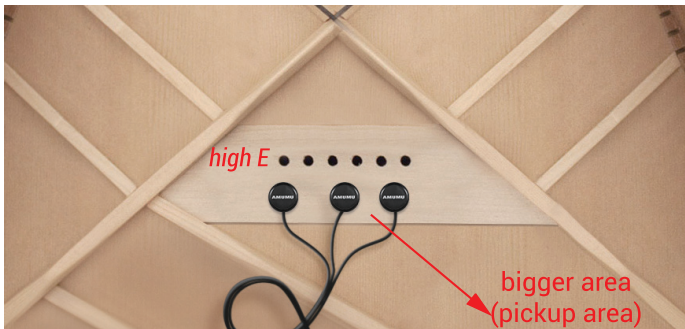
The 3 transducers are identical and it does not matter in which order you install them. For the 1st pickup, we place it under the high E string, for the 2nd pickup, we place it between the G and D string, for the 3rd pickup, we place it between the A and low E string.

**perspective view
from the outside**



the golden face of the pickups are glued underneath the bridge

**internal view
underneath the bridge**



1. Before start, put the end-pin jack, flashlight, and the mirror inside of the guitar and put the flashlight and the mirror towards the bridge so that you can see the bridge plate clearly.
2. Choose the correct paper JIG according to the direction of the bigger area on the bridge plate, which has been told in number 5 in the PREPARATION.
3. Put some included Blu-Tack Putty (not too much, just a bit smaller than the pickup head) on the "1st pickup for high E string" location on the paper jig.
4. Place one pickup on the putty with the golden side facing up and logo side sticking to the putty, press a little bit. Make sure the pickup is right in place of the marked area on the paper jig. Do not let the pickup edge outside of the grey pickup area. Make sure the pickup sits parallel to the surface of the jig. (PS: Better to use another piece of putty to fasten the wire to make sure it won't move around to loosen the pickup.)
5. Insert one golf tee into the high E string pinhole for about 1/2 inch deep, you may have to use a little pressure to stabilize it in the hole, or peel to narrow the golf tee a little bit if your pinhole is too small.

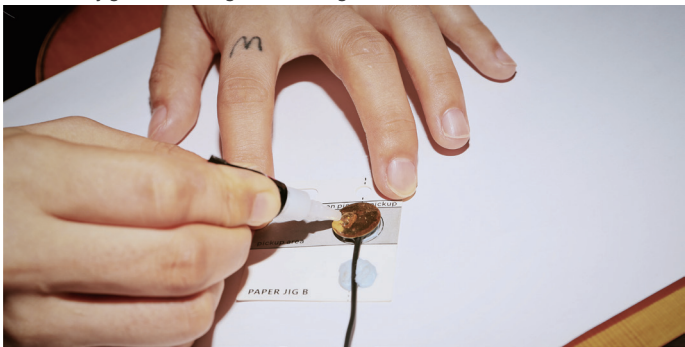


6. Apply the superglue evenly to the golden surface of the pickup, and make sure that enough glue is used to completely cover the golden surface.

* It is recommended to test step 7, 8, and 9 without superglue to practice and familiarize yourself with the guitar's internal environment. Because superglue is almost permanent.

* Make sure to use enough superglue to cover the entire golden surface because the most common reason of sound problems about the transducers is using too little glue.

7. Hold the jig with the golden surface of the pickup facing up and move the jig inside the guitar through the soundhole.

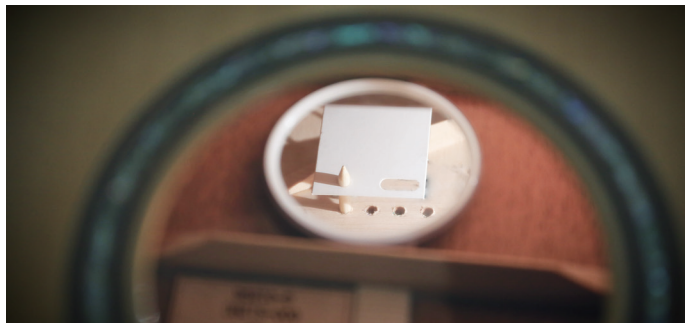


8. Pass the **round hole** of the paper jig through the end of golf tee which is **already** in the high E string's pinhole. Tip: You can see the paper jig from the other pinholes or you can use your fingertip to feel the end of golf tee.

9. Insert the other golf tee into the G string's pinhole and pass it through the **oval hole** of the paper jig which will make the paper jig parallel to the bridge plate.

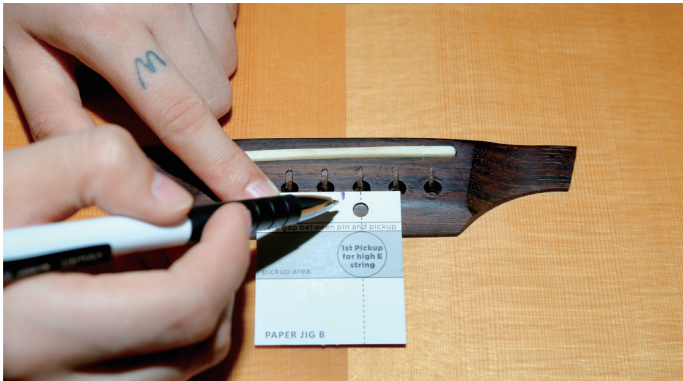
10. Push the jig up to stick the pickup to the bridge plate, apply pressure to the pickup from the bottom of the jig for at least 30 seconds to **allow** the glue to set.

11. Leave the jig/pickup in place for another 10~15 minutes to **allow** the superglue cure before continuing the **following** steps.



12. Pull out both of the golf tees and then slowly get the paper jig off the bridge plate, remember to get the putty off the pickup too but it won't present a sound problem if there are little putty residue left. Keep the putty to reuse for the other two pickups.

13. Use the same paper jig to install the second pickup in the middle of the G and D string. Align the round hole of the paper jig with the pinhole of G string, mark the center position between G string and D string on the paper jig with your ball pen, then extend this mark to the pickup area into a straight line.



14. Use some putty to place the second pickup on the paper jig, make sure the pickup is centered on the straight line you just marked, also make sure the pickup edge is inside the gray pickup area on the jig.
15. Insert one golf tee into the G string pinhole for about 1/2 inch deep, then apply enough superglue on the golden surface of the second pickup.
16. Move the jig with the pickup into the guitar and pass the round hole of the jig through the end of the golf tee in G string pinhole.
17. Insert another golf tee into the A string pinhole and pass it through the oval hole of the paper jig.
18. Push the jig/pickup and leave it for another 10~15 minutes.
19. Pull out both of the golf tees and then slowly get the paper jig off the bridge plate, remember to get the putty off the pickup too but it won't present a sound problem if there are little putty residue left. Keep the putty to reuse for the last pickups as much as you can.



20. Use the same paper jig to install the third pickup in the middle of the A and low E string. Align the round hole of the paper jig with the pinhole of D string, mark the center position between A string and low E string on the paper jig into a straight line.



21. Use some putty to place the third pickup on the jig and make sure the pickup is centered on the new straight line you just marked, also make sure the pickup edge is inside the gray pickup area on the jig.
22. Insert one golf tee into the D string pinhole for about 1/2 inch deep, then apply enough superglue on the golden surface of the third pickup.
23. Move the jig with the pickup into the guitar and pass the round hole of the jig through the end of the golf tee in D string pinhole.

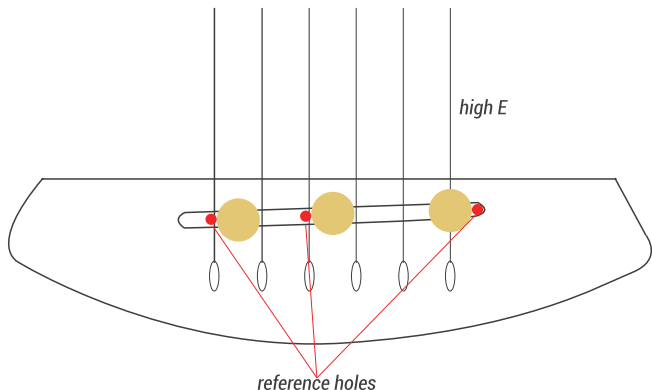


24. Insert another golf tee into the low E string pinhole and pass it through the oval hole of the paper jig.
25. Push the jig/pickup and leave it for another 10~15 minutes.
26. You may have to slide the casing pipe on the cables to make it not touching the soundboard or look like a mess.
27. Following image is how the 3 pickups look like inside the guitar and you can use the flashlight and mirror to check.



PINLESS BRIDGE INSTALLATION

1. Use the mirror and flashlight to check the bridge plate area inside the guitar and make sure there's enough room to install 3 pickups.
2. Drill two 1/16" reference holes at each end of the saddle slot.
 - * The hole beside the high E string should be marked at the edge of one pickup sitting in the center of high E string.
 - * The hole beside the low E string should be marked at the edge of one pickup sitting in the center between the A and low E string.
3. Use a fitting nail, toothpick, or the drill bit itself as an inside guide by inserting it into the hole beside the high E string for about 1/2" deep.
4. Use a small piece of double-sided tape or blu-tack putty to stick the pickup to your fingertip with the golden surface facing up.
5. Apply the superglue evenly to the golden surface of the first pickup, and make sure that enough glue is used to completely cover the golden surface.
 - * It is recommended to test step 6 and 7 without superglue to practice and familiarize yourself with the guitar's internal environment. Because superglue is almost permanent.
 - * Make sure to use enough superglue to cover the entire golden surface because the most common reason for sound problems about the transducers is using too little glue.
 - * If you get superglue on your fingers, the easiest way to remove it is to let it dry and buff it off.



6. Move the first pickup with the golden surface facing up inside the guitar and use the nail/drill bit in the high E hole as a side-stop guide for the pickup.
7. Press the pickup to the bridge plate at least 30 seconds to allow the glue to set.
8. Move the nail/drill bit to the low E hole and get ready the second pickup on your fingertip.
9. Move the second pickup with the golden superglue-surface facing up inside the guitar and use the nail/drill bit in the low E hole as a side-stop guide for the pickup.
10. Press the pickup to the bridge plate at least 30 seconds to allow the glue to set.
11. The best location for the third pickup is in the center between D and G string, if you prefer, you can drill a third guide hole, or, you can just install the third pickup by feeling the center location. According to our test, the 2 outer pickups contribute about 80% to the total sound, which means you can use the included double-sided tape for the third pickup so you can change location to find the best result you like.

END-PIN JACK INSTALLATION

1. A 15/32" (12mm) hole is required for the output jack. The hole should be no larger than 1/2 inch in diameter. It is recommended that this hole be drilled by someone with the proper tools and skill to maintain the finish of your guitar. If your guitar does not have a strap button you can simply drill the 15/32" hole using the brad point drill. No pilot hole is required. If your guitar already has a strap button, remove it and widen the hole to 15/32" with the drill bit. Read the following instructions before you proceed.

1. Cover the center area on the guitar bottom around the hole you want to drill with masking tape to help prevent debris and scratches.

2. The hole diameter is usually between 15/32 "to 1/2" and should not be larger than 1/2".

3. Test out your drill bit on a scrap wood block or board before attempting to do so on your guitar.

4. After reaming the endpin hole, vacuum out any sawdust and debris from inside the guitar.

5. Be patient and go slowly—never be in a hurry when drilling holes into a guitar!!

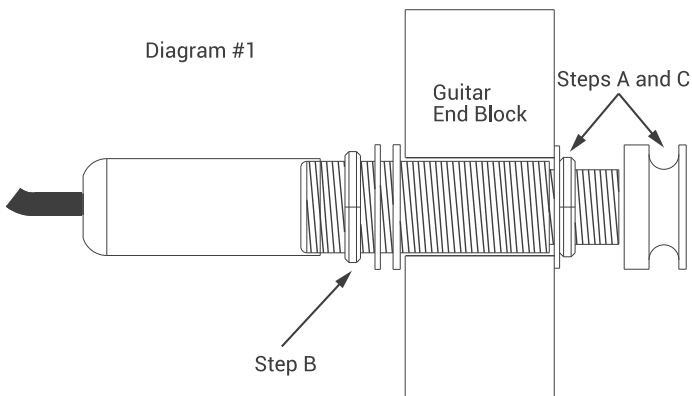
6. Look for professional assistance for the drilling if you are not sure how to do it, or you can find some videos on YouTube as a guide.

2. Refer to diagram #1

A). Remove the end-pin jack's strap button, the outer nut and washer.

B). Insert the jack through the soundhole, then through the end block of the guitar. At this point, you will need to adjust the rear hex nut to allow for the thickness of the end block. The rear hex nut should be adjusted allowing you to tighten the outer nut to get the jack nice and snug.

C). Re-attach the outer washer and nut and tighten into place then screw the strap button on.



TROUBLESHOOTING

MY BOUNTIFUL PICKUP SOUND WEIRD

This is probably an installation issue. First, check if the pickups are positioned correctly on the bridge plate. Then, test if they are solidly adhered or if they come off easily.

If you use the superglue installation, the possible reason is that not enough glue was used and only partial surface of the pickup is bonded to the bridge plate due to insufficient coverage of glue. One indicator of good coverage of glue is to see "oozed out glue" around the entire edge of the pickup. You can carefully remove the pickups and reinstall them. If you choose double-sided tape installation, the signal output will not be as good as you use the superglue installation. But you can remove the pickups and reinstall them with the super glue, just cover the super glue on the double-sided tape.

MY GUITAR FEEDS BACK EASILY

This is a very common issue for all acoustic guitars with pickup systems, especially when you play in a very loud band or stage situation. A soundhole cover can prevent more than 80% of the feedback which is the first option to fix the issue.

The other solution is to use a preamp with a Phase Switch like the AMUMU GLORIFIER preamp, with which you will also get more control of your tone and volume with less feedback.

THE PICKUP DOES NOT WORK OR WORKS ONLY INTERMITTENTLY

This may happen if the cable is not fully plugged into the endpin jack because the strap button on the endpin jack is not screwed in all the way. Remove the strap button and try again, if this fixed the problem, you have to back off the inner nut in order to allow the precise amount of outer thread to be exposed.

THE ENDPIN JACK IS TOO SHORT

This might be the case in some vintage guitars with very thick end-block, unfortunately, longer jacks are not available on the market. You can use the inner washer only against the screw cap but not use the inner nut, you can also remove the screw cap or back off the screw cap a little to get more length to fit for the thick end-block.



Happy?

Your **satisfaction** is the very reason we wake up early every morning.

Share your experience by posting a review to help others use our products.



Unhappy?

Your **dissatisfaction** is the very reason that we stay up late every night.

Tell us about it, you are not alone, we've always got your back.



FREE MEMBERSHIP

Contact us to be an AMUMU member to get the latest promotions and the chances of free-product testings.

support@amumu.rocks

www.amumu.rocks



AMUMU.ROCKS

