

## Bar B01P User Guide

### SETUP

#### ■ Packing list

- B01P Pickup
- Bar-G Probe
- 9V Battery and Bag
- 4 Buckles
- 1 Manual
- Lower string pillow

#### ■ Essential tools

- Phillips screwdriver
- Hand drill
- traction thin wire
- 3mm drill
- 12mm drill
- Vise
- Clean and dry rag
- 22# Sandpaper
- 2B pencil
- Scotch tape tape

#### ■ Inside installation diagram of Guitar:

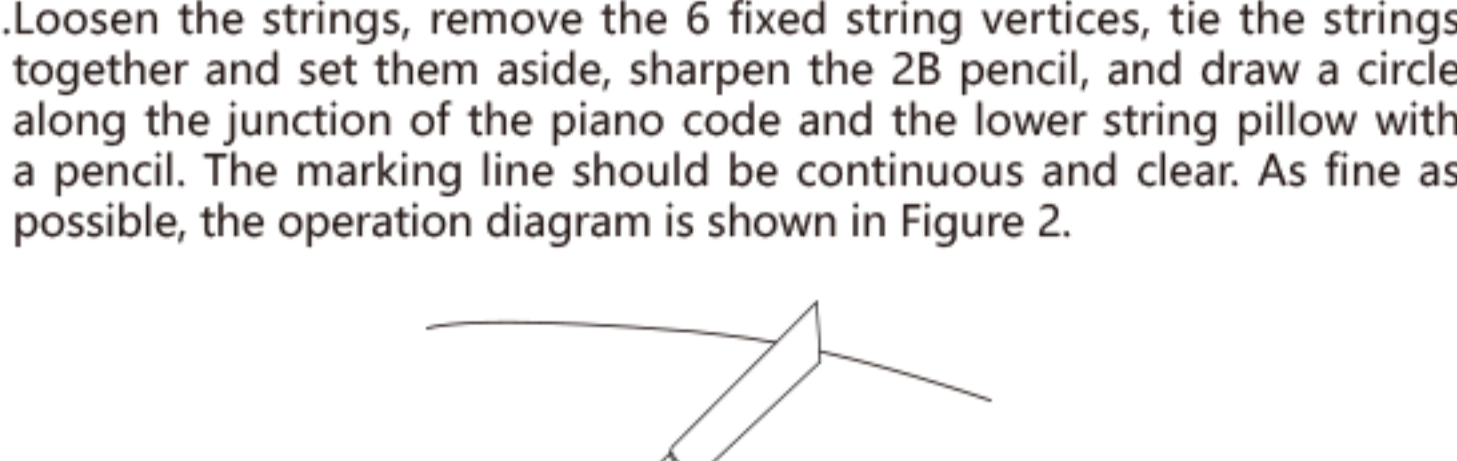


Fig.1

#### ■ installation steps:

##### • Making pipe socket mounting holes

1. Loosen the strings, remove the 6 fixed string vertices, tie the strings together and set them aside, sharpen the 2B pencil, and draw a circle along the junction of the piano code and the lower string pillow with a pencil. The marking line should be continuous and clear. As fine as possible, the operation diagram is shown in Figure 2.



Fig.2

2. After the marking line is drawn, take out the lower string pillow. If it is difficult to remove the lower string pillow, wrap the string pillow with a rag and take it out with a vise. Use a 3mm drill bit at both ends of the bottom string groove of the piano to make a 45 degree angle Drill holes and drill through the panel. If you use a Bar-G piezoelectric probe, you need to drill a hole at each end of the groove. If you use a Bar-A piezoelectric probe, you only need to drill a hole near the 6-string end. The operation diagram is shown in Figure 3.

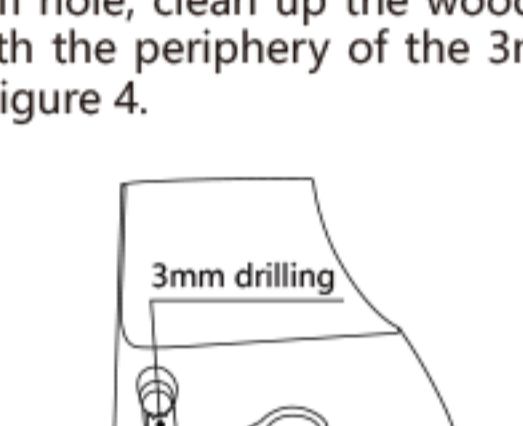


Fig.3

3. After drilling the 3mm hole, clean up the wood chips in the groove of the piano, and smooth the periphery of the 3mm hole. The operation diagram is shown in Figure 4.

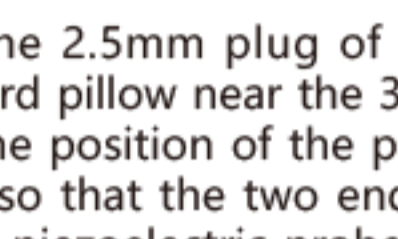


Fig.4

4. Grind the chord. Insert the 2.5mm plug of the piezoelectric probe into the groove of the chord pillow near the 3mm hole of the 6 string, move the probe lead to the position of the pickup rod, and place the pickup rod in the groove so that the two ends are evenly distributed in the groove. For a Bar-G piezoelectric probe, insert the other end of the pickup rod into a hole 3mm below the 1st string. If it is a Bar-A piezoelectric probe, just adjust the position. Then put the lower string pillow into the groove and flatten the pickup rod. Observe the position of the lower string pillow at this time. Grind the string pillow in the direction of the string pillow. At the beginning, you can quickly grind it with force. After grinding a little, put the lower string into the groove of the piano code again and observe the position of the marking lines around it. When the marking line approaches the piano code position, slow down it. Gently grind and repeat this process until the marked lines around the chord just match the size of the piano. When grinding the chord, keep the ends of the chord evenly and grind perpendicular to the direction of the sandpaper. Do not grind the end of the chord high or low or obliquely, as shown in Figure 5.

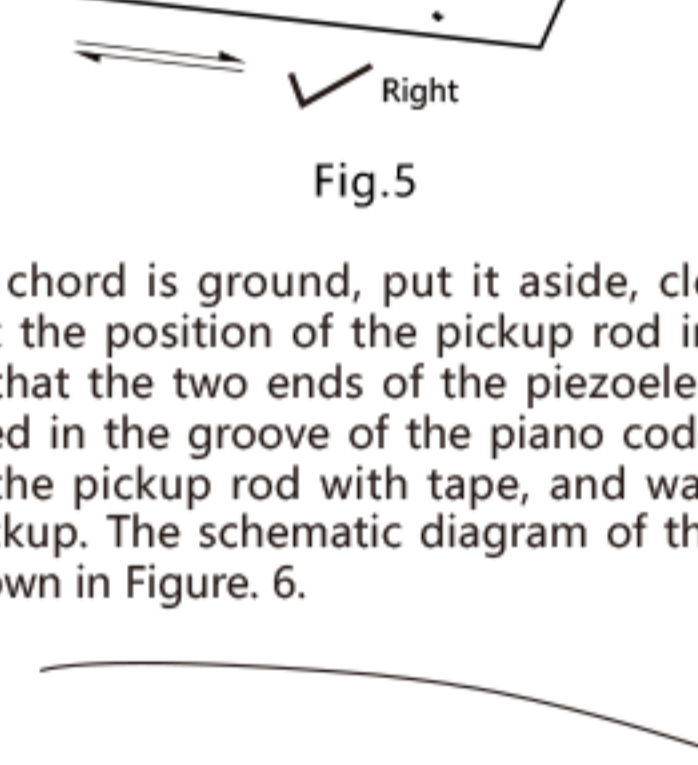


Fig.5

5. After the lower chord is ground, put it aside, clean the dust in the groove, readjust the position of the pickup rod in the groove of the piano code, so that the two ends of the piezoelectric pickup rod are evenly distributed in the groove of the piano code. Then flatten the pickup rod, fix the pickup rod with tape, and wait for the next step to install the pickup. The schematic diagram of the tape fixing of the pickup rod is shown in Figure 6.

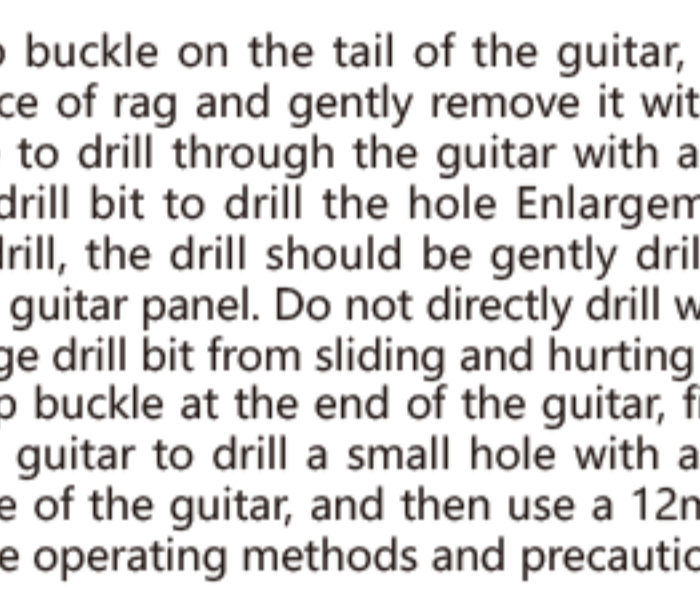


Fig.6

##### • Making 6.35mm pipe socket mounting holes

1. If there is a strap buckle on the tail of the guitar, wrap the tail strap buckle with a piece of rag and gently remove it with pliers. Follow the strap buckle hole to drill through the guitar with a 3mm drill bit, and then use 12mm drill bit to drill the hole Enlargement. When drilling with an electric drill, the drill should be gently drilled with a 12mm drill bit to prevent the large drill bit from sliding and hurting the guitar panel.

2. If there is no strap buckle at the end of the guitar, find a suitable place at the end of the guitar to drill a small hole with a 3mm drill bit, drill through the inside of the guitar, and then use a 12mm drill bit to ream the 3mm hole. The operating methods and precautions are as above. As described.

3. After the above steps, the mounting hole of the 6.35mm tail pipe is completed.

##### • Installing the pickup

1. After making all the mounting holes for the Bar pickup, the next step is to install the pickup and fix the internal wiring. Since the piano code is relatively close to the sound hole, it is easy to reach the lead of the piezoelectric probe by hand, so first reach into the sound hole by hand to take out the lead of the piezoelectric probe, insert the 2.5mm plug of the piezoelectric probe into Bar At the rear of the pickup, the operation diagram is shown in Figure 7.

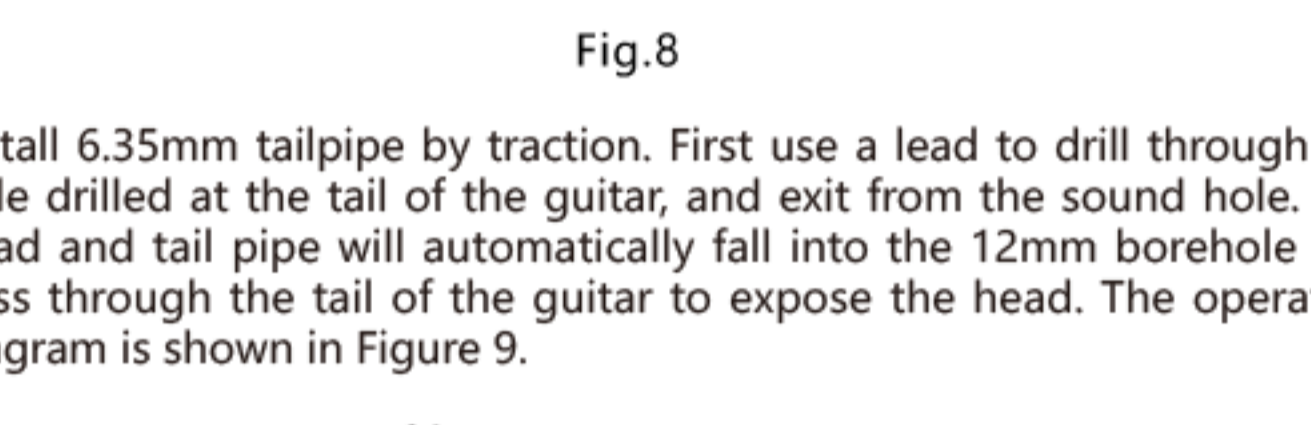


Fig.7

4. Remove all the nuts and washers on the head of the 6.35mm tubular socket of the pickup, exposing the small round holes, as shown in Figure 8.

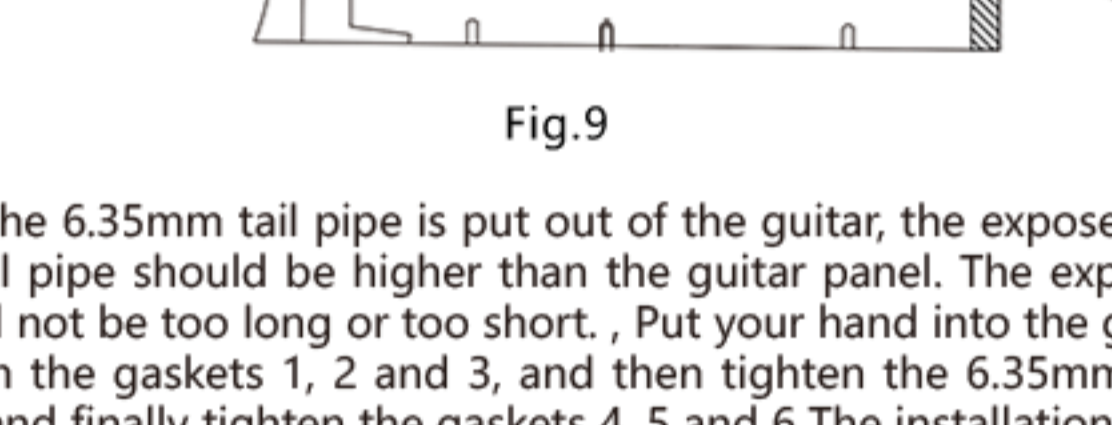


Fig.8

5. Install 6.35mm tailpipe by traction. First use a lead to drill through the hole drilled at the tail of the guitar, and exit from the sound hole. The head and tail pipe will automatically fall into the 12mm borehole and pass through the tail of the guitar to expose the head. The operation diagram is shown in Figure 9.

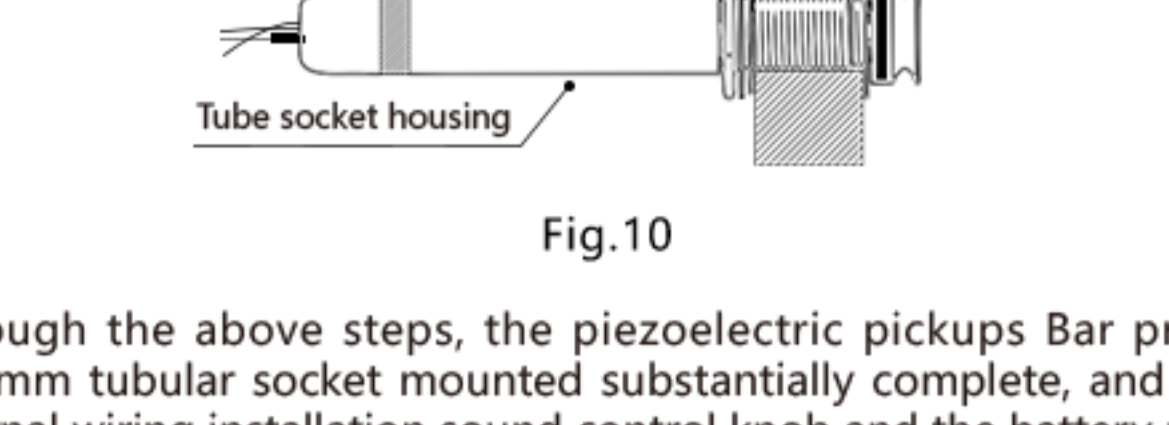


Fig.9

6. After the 6.35mm tail pipe is put out of the guitar, the exposed head of the tail pipe should be higher than the guitar panel. The exposed part should not be too long or too short. Put your hand into the guitar, first tighten the gaskets 1, 2 and 3, and then tighten the 6.35mm tail tube shell, and finally tighten the gaskets 4, 5 and 6 The installation sequence should be as shown in Figure 10. At this point, the 6.35mm tail pipe is installed.



Fig.10

7. Through the above steps, the piezoelectric pickups Bar probe and 6.35mm tubular socket mounted substantially complete, and then the internal wiring installation sound control knob and the battery pack, and internal circular guitar sound guitar traces generally refer to Figure.11.



Fig.11

8. There are two positioning pins on the volume control knob of the Bar pickup. Hold the positioning pin close to the sound hole, you can easily find the best fixed position of the sound control knob at the sound hole. As shown in Figure 11, when the best position of the battery pack and volume control knob is found, remove the adhesive sticker and stick it tightly to the wooden board. It is best to clean the dust on the wooden board surface with a rag before sticking it. Then fit. See Figure 12 for how to find the volume control knob.

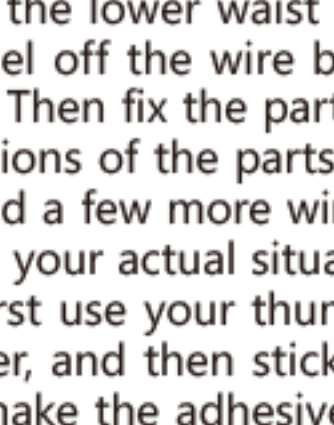


Fig.12

9. Fix the internal wiring of the guitar as shown in Figure 11, place the battery pack inside the guitar, and place the volume control knob near the sound hole. Put your hand into the sound hole, pull the lead of the piezoelectric probe, the lead of the sound control knob, and the lead of the battery power at the same time, snap two or three wire buckles, and touch the left side plate of the lower waist of the guitar. Position, find the best fixing position, peel off the wire buckle adhesive sticker and fix it on the wooden board. Then fix the parts separately with wire clips according to the fixed positions of the parts. If there is a lead of a part that is too long, you can add a few more wires to fix it. Its position can be determined according to your actual situation. For adjustment, when sticking the thread clasp, first use your thumb to gently scrape off the thread clasp adhesive sticker, and then stick it on the back side panel. Press the thread clasp to make the adhesive and the wood board fully fit. (It is best to use a rag to clean the dust on the sticking surface of the wooden board before pasting, and the thread buckle adhesive is best roasted with a lighter before tearing it.)

10. After the wiring is completed, install the 9V battery, remove the tape holding the pickup rod, press the pickup rod with your fingers, reinstall the ground lower string pillow in the groove of the piano, and press the lower string pillow with your hand to prevent it from being caught. The pickup bar pops open, reinstall all strings, tighten the strings, and adjust to the standard sound.

11. Plug in the guitar cable and guitar audio, power on, flip the strings, adjust the volume control knob, listen to whether there is sound in the audio, and whether the pickup is working properly.