HyVibe H2 Installation Guide

1. Materials

- HyVibe System
- Connecting cables
- Output jack panel
- Actuators
- Piezo sensor
- Eight 2x6mm screws
- 3 fastening clips
- USB C - USB A cable
- HyVibe cut blueprint (link)
- Protection label
- Super Glue (Cyanoacrylate)

2. Attach actuators

Test that the actuators will fit in the positions as seen in this photo, directly under the bridge of the guitar.

If they do not, then place the actuators outside the X bracing, at the same height as the bridge, and on the same symmetrical horizontal plane (points B). If it is not possible to find a location that meets these criteria, contact us.

Verify the surface of the wood is clean, apply cyanoacrylate glue to the inner ring of the actuators and push them against the wood for ~10 seconds to confirm they are attached strongly. Also, make sure that actuators are arranged so the connector cable is on the same side of the guitar where the HyVibe System will be inserted.

3. Install piezo sensor

If the guitar does not already have an under saddle piezo sensor:

Using a 3 mm drill, make a hole for the piezo sensor at the edge of the saddle slot.

Insert the sensor from inside the guitar and lay flat in the saddle slot.

4. Choose position for HyVibe System

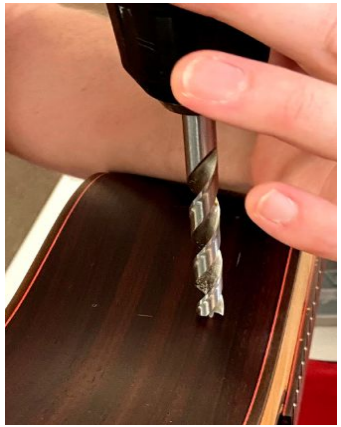
Mark 4 drill spots: place the HyVibe blueprint* in the chosen location, and then indent tiny holes into the wood at each of the four corners of the inner rectangle on the HyVibe blueprint.

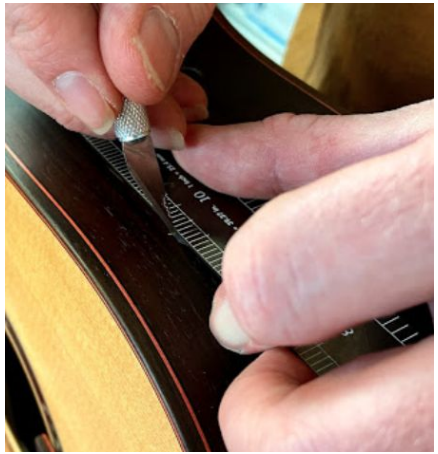
*Make sure you print the blueprint at 100% scale.

5. Cut preamp hole

Drill holes in the 4 corners using a 10mm drill.

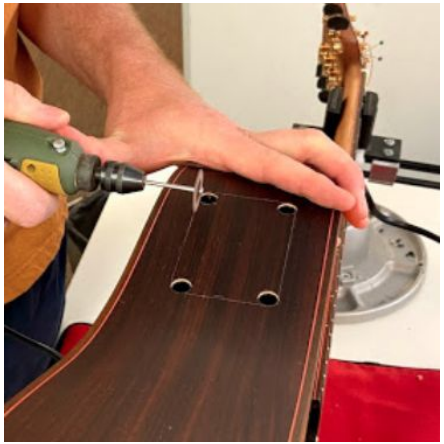
Then use a straightedge and a blade to draw the guidelines for sawing the outside border.

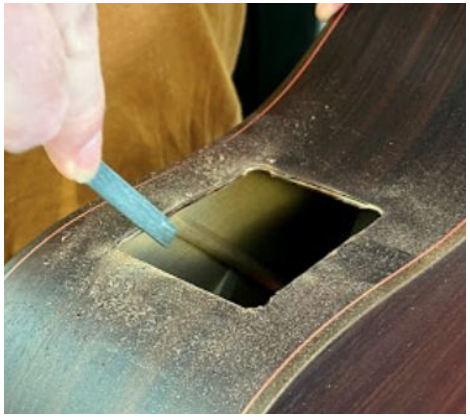




6. Cut preamp hole (cont’d)

Cut along the 4 traced sides with a saw and then file/sand the inside edges to smooth them out.





7. Install output/input/USB panel

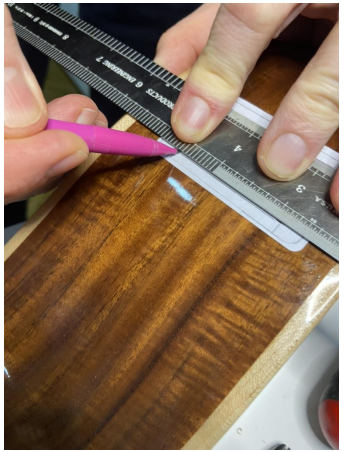
Locate the position on the bottom of the guitar where you want to install the output jack panel. Tape the stencil/cut outline in this position or use an adhesive label and draw a 18x44mm rectangle.

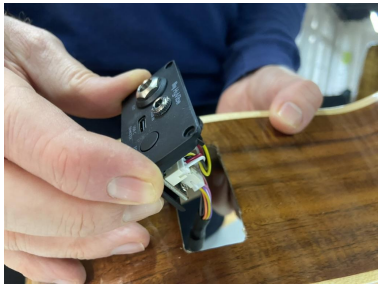
Then, using a 6mm drill, drill the 4 corners.

8. Install output jack panel (cont’d)

After drilling the 4 holes cut along the outside border.

Remove the stencil, connect cables to the jack panel, insert the panel into the guitar, and screw the housing into the guitar using the screws.





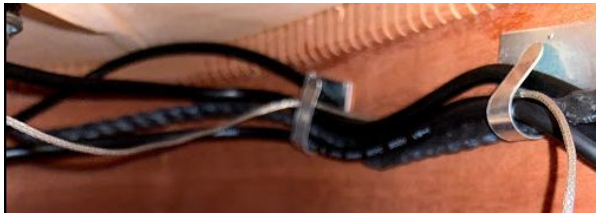
9. Install clips

Fasten 2 clips to the inside of the guitar. They will be used to hold the wires in place against the side of the guitar. The piezo sensor cable only needs to be in the last clip since the cable is short.

The first picture illustrates where they should be placed inside the guitar.

If you are using a third clip, it should be placed further towards the bottom of the guitar.

The second picture shows clips after the wires are fastened at the end of the installation process.



10. Install HyVibe System

Bring the cables from the output jack panel, actuators, and piezo through the hole on the side of the guitar. Then connect them to H2 interface.

Insert the H2 into the slot as shown in the picture and use the the screws to fasten.

11. Fasten wires to clips

Put your hand inside the sound hole and affix the wires inside the clips, as shown in this picture.

Make sure the wood is clean before you affix the clips to the guitar.