

TECHNICAL SPECIFICATIONS

- Mechanical decoupling: Butterworth 2nd order
- Nominal impedance: 380ohm / 1000Hz
- Frequency response: 40 to 12kHz
- Dynamic range: 139dB, 145dB typical
- Sensitivity: 20mV/g
- Sensitivity on instrument: ca. -25dBm
- Cable length: 250 mm
- Circuit mode: Balanced via XLR
- Connection: Suggested microphonic input channel via XLR cable

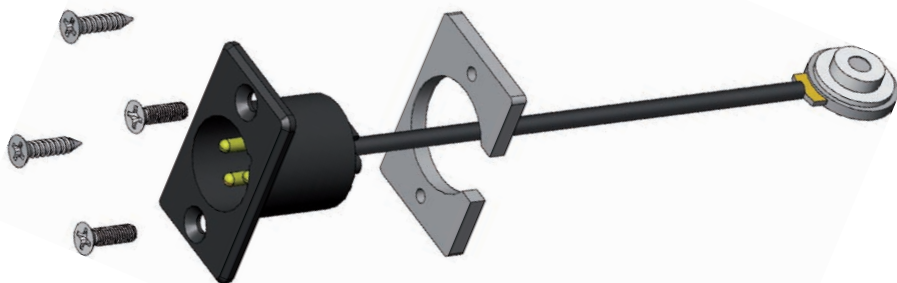


Foto C: XLR connector installation

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RESOCOIL

contact microphone
for acoustic guitars

INSTALLATION

1. Remove the strings
2. Choose if you want to install the XLR connector on the sides (go to step 3.1) or on the tailblock (go to step 4.1)

- 3.1 Drill a 20 mm hole in the guitar side for XLR connector
- 3.2 Follow the XLR connector instructions (page 3)

- 4.1 Drill a 20 mm hole in the guitar tailblock for XLR connector
- 4.2 Install the XLR connector and fix it with wood screws

5. Follow the transducer installation (page 2)
6. Replace the string set

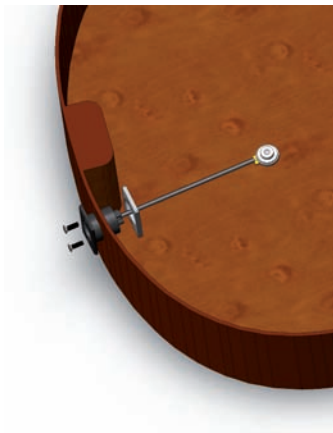


Foto A: Installation on the side

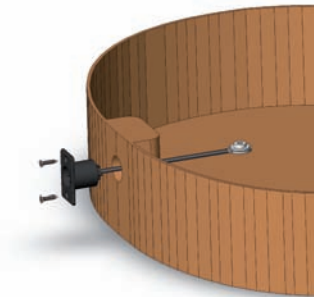
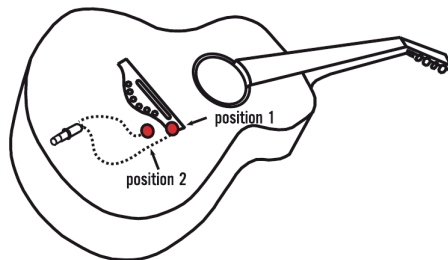


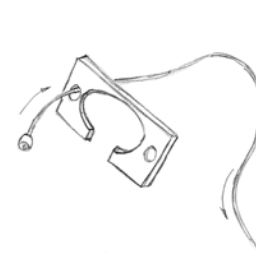
Foto B: Installation on the tailblock

TRANSDUCER INSTALLATION

Place the microphone inside the guitar in the chosen position with double-sided tape. Typically on the soundboard under the treble side of the bridge plate (position 1) or in other different place around the bridge. Test the unit before replacing strings. Try different position to obtain the best sound from your guitar, once you found the best position fix permanently the transducer with shoemaker glue or carpet glue.

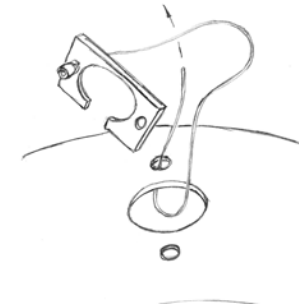


INSTALLATION - XLR CONNECTOR ON THE SIDE (foto A)



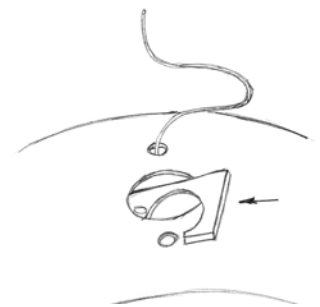
Step 1

Take one string and make a knot at the end. Put the string on the hole of the aluminium part and pull it.



Step 2

Put the string into the XLR hole and then into one of the screw holes.



Step 3

Put the aluminium part inside the guitar through the XLR hole. Keep the string with one hand.



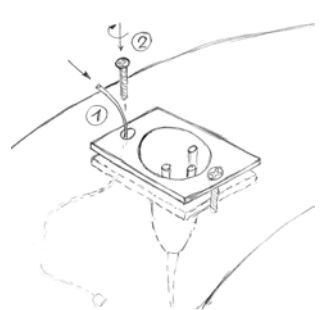
Step 4

Thread the string in your hand into the screw hole of the XLR connector. Put inside the guitar the transducer and fit the connector into the hole.



Step 5

Pull the string in your direction and put on the free hole the metric screw. Fix the screw with your screwdriver.



Step 6

Push the string into the guitar and remove it. Fix the second screw into the free hole.