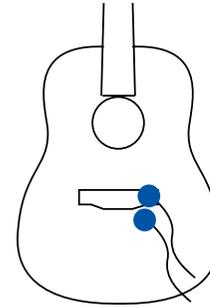
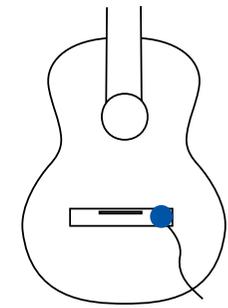


TECHNICAL INFORMATION

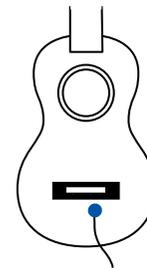
QUICK GUIDE FITTING THE RESOCOIL



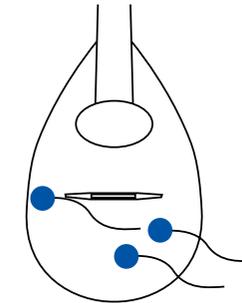
Acoustic guitar



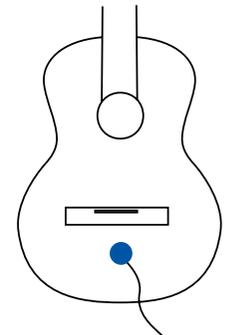
Classical guitar



Ukulele



Mandolin - Lute
Oud - Bouzouki



Flamenco/jazz
guitar

Transducer type	Electrodynamic moving coil contact microphone
Mechanical decoupling	Butterworth 2nd order
Frequency response (@ ±3 dB) - filtered*	20 Hz to 16 kHz
Sensitivity	ca. -25 dBu
Dynamic range	139 dB
Output impedance (@ 1 kHz)	380 Ω
Operating voltage	No (passive)
Built-in preamp	No
External preamp	No
Contacts	All hard gold plated 0.5 mm
For fixed installation	Yes
Removable	No
Connection	XLR balanced or 1/4" jack balanced
Cable length	0.25 m

*Output frequency response is electronically filtered to better match the specific application.

Using double-sided tape, temporarily fix the pickup on the outside of the instrument. See the above pictures for typical positioning on the most commonly-used instruments.

Test the pickup, trying out different positions to find the best sound.

Once you have found the best position, remove the strings to access the inside of the body and permanently install the pickup inside the instrument. Fix in place using contact glue (like the one used for shoe repair).

Replace the strings.

INSTALLATION



Fig. 1:
Installation
on the side

RESOCOIL JACK

1. Remove the strings

2. Choose whether you want to install the 1/4" jack connector on the side (Fig. 1) or on the tailblock (Fig. 2)

3. Drill a 12 mm hole in the guitar side for the jack connector

4. Install the jack connector by tightening the inside and outside nuts

5. Follow the "Fitting the Microphone" instructions

6. Replace the string set

PICKUPS

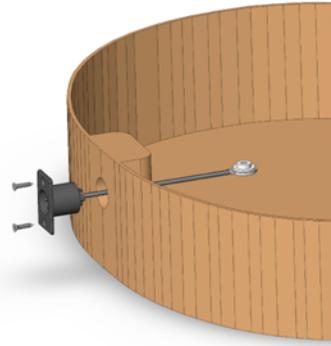


Fig. 2:
Installation
on the tailblock

RESOCOIL XLR

1. Remove the strings

2. Choose whether you want to install the XLR connector on the side (Fig. 1 - step 3.1) or on the tailblock (Fig. 2 - step 4.1)

3.1 Drill a 20 mm hole in the guitar side for the XLR connector

3.2 Follow the XLR connector instructions (page 5)

4.1 Drill a 20 mm hole in the guitar tailblock for the XLR connector

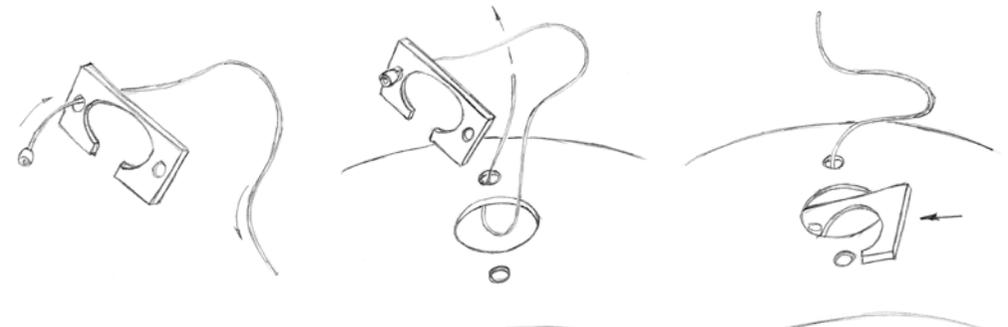
4.2 Install the XLR connector and fix it with wood screws

5. Follow the "Fitting the Microphone" instructions

6. Replace the string set

ELECTRODYNAMIC

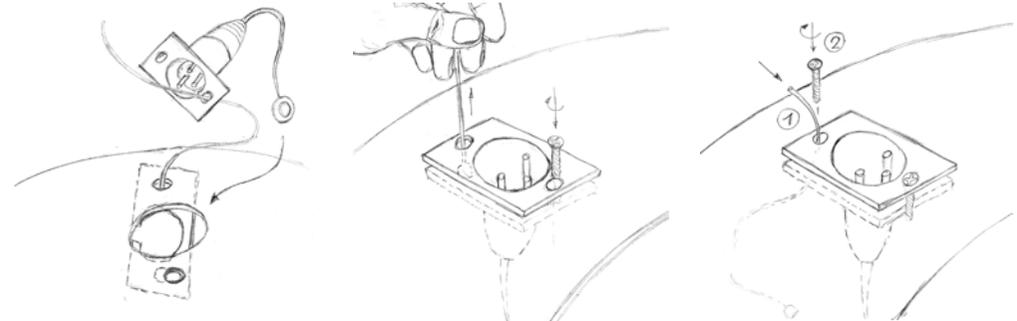
XLR on the side



1. Take one string and make a knot at the end (or use the little ball if present on the string). Thread the string through one of the holes in the aluminum part and pull it.

2. Thread the string through the XLR hole, then through one of the screw holes.

3. Put the aluminum part inside the instrument through the XLR hole. Hold the string with one hand.



4. Thread the string in your hand through the screw hole of the XLR connector. Slip the transducer inside the instrument and fit the connector into the hole.

5. Pull the string towards you and put the metric screw into the free hole. Fix the screw with your screwdriver.

6. Push the string into the instrument and remove it. Fix the second screw.

Complete manual available at schertler.com

RESOCOIL