

# Ehrlund Microphones

## Acoustic Pickup/ Preamp

### Pickup

Ehrlund Acoustic Pickup (EAP) is a linear microphone intended for acoustic string instruments such as guitar, violin, upright bass and several other instruments. Linear implies that the pickup has a flat frequency response. The pickup's function is to pick up the vibrations from the acoustic instrument.

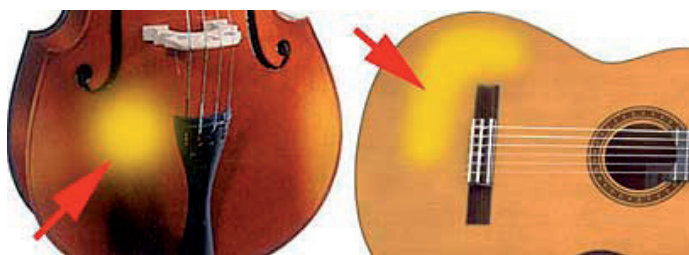


### Mounting

Each instrument is unique in its character; thus the placement of the pickup must be thoroughly tested. We have found that the best sound is achieved by placing the pickup as shown in the pictures.

On an upright bass, the pickup is placed close to the f-hole.

The pickup is mounted with adhesive paste on the soundboard.



Fiol/ Cello/ Nyckelharpa

Martin gitarr

If you feel unsure about attaching the pickup onto your instrument, we recommend that you remove it after use. We have not yet had any complains about the adhesive paste included leaving permanent marks on the instruments.

When you have found the instrument's hot-spot there is now the possibility to mount the pickup on the inside of the instrument, through the sound hole. When mounting on the inside, preferably use adhesive knobs instead of paste. For inside mounting on guitars, preferably use a Jack-Stick.

In case of poor sound reproduction make sure that the pickup is correctly mounted on the instrument in order to reproduce the instrument's vibrations. Also make sure that the cord is fixated so no unpleasant or unwanted vibrations and noises are created.

### Use

Connect the pickup to a pre-amp with a high impedance input.

### Pre Amp

The Ehrlund Preamp is an extremely low-noise preamp. It has the capacity to run most of the common impedances such as effect- and foot pedals, passive DI units etc. The preamp is delivered with a belt-clip. The Preamp is powered with an included 9 V battery (uptime 600h) Type: 6LR61



### Built-in Function

- **Volume Control**

- **High and Low:**

For adjustment of the input signal, for upright bass use level Low.

- **Phase:**

Phase switch; important function when performing live, to avoid destructive interference between the speakers and the instrument. Thus it eliminates feedback.

- **Input/ Output:**

The pre amp's electricity supply activates when you plug in the output cord.

To share your experiences and tips, e-mail [g.ehrlund@telia.com](mailto:g.ehrlund@telia.com)

Yours sincerely Göran Ehrlund

On my website [www.ehrlund.se](http://www.ehrlund.se) you can find out more about my products and also listen to sound tests.

