Schatten Design
Better By Sound

Handmade Pickups For Acoustic Instruments
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# CV Clip-On Violin Pickup Instructions

***Before You Start, A Word About Amplification:***

The CV is a passive pickup and as such has a very high impedance of approximately 1 mega ohm. This pickup will generally work properly when plugged into any normal electric guitar amp but will not work properly plugged directly into a PA system and may not work properly plugged straight into some acoustic amps without using an acoustic preamp in between. For best results, and to allow the use of this pickup with all amps and PA systems, the use of an acoustic preamp, such as our Mini Pre, is suggested.

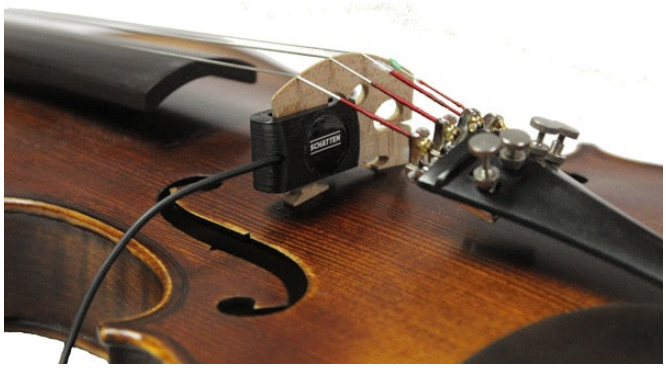
The design of the CV allows the pickup to easily be moved from one violin to another without damage to the violin or the pickup. Please read these instructions through completely prior to use.

## Notes

The CV is intended for use on violins. It was not designed to be used on violas due to the thicker nature of a viola bridge. The maximum thickness of a bridge that the CV will accommodate (as measured at the bottom arc) is 5.1mm (0.200")

The pickup sensor should be attached to the bass side of a bridge with the logo facing towards the tail piece. For use on left handed violins the sensor would be attached to the bass side of the bridge with the logo facing towards the neck.

This distinction made between right handed and left handed instruments is because the "U" shaped slot within the pickup body is not symmetrical. The slot is wider at the bottom and it tapers towards the top of the sensor to allow it to better fit the taper of a bridge.


## Pickup Attachment

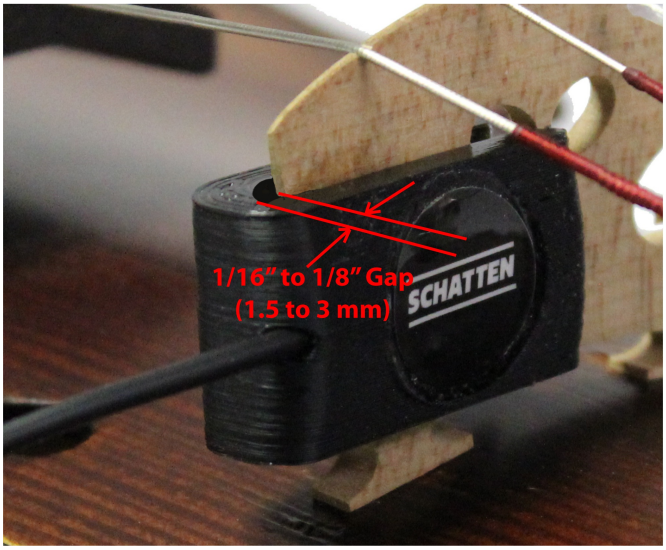
The CV will slide onto a violin bridge and be held in place by the spring action of the pickup body. It is important to hold and support the bridge when the pickup is being pushed into place as the spring action of the pickup body has some stiffness to it and may move the bridge.

Be sure to hold and support the bridge when removing the pickup as well.

## Pickup Placement

Normal placement for the pickup sensor is on the bass side of the bridge with the bottom edge of the pickup as even with the bottom arc of the bridge as it can comfortably be fitted.

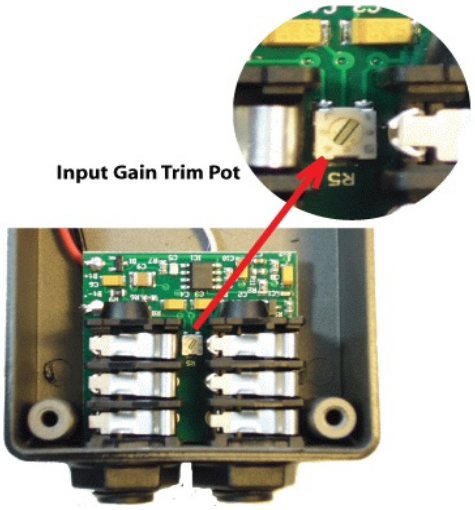
A small gap of between 1/16" to 1/8" (1.5 to 3 mm) should be left between the bass end of the bridge and the inside "U" of the pickup body. Leaving this small gap will benefit the sound quality and output level of the pickup.



**Using A Mini Pre**

When using our Mini Pre acoustic preamp with the CV it is important to note that the Mini Pre has a trim pot on its' circuit board to set the input gain level. As supplied, the level is set to an average setting that works with most instruments.

If the input gain trim pot is set too high, then the sound of the instrument may be distorted though the amp or PA system. If distortion occurs, decrease the input gain by carefully turning the trim pot screw counter clockwise with a small jeweller's screw driver.

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