

CH-3 Artist Harp Pickup Installation Instructions

Please read these instructions through completely prior to installing this pickup in your harp.

The CH-3 Artist comes supplied as follows:

One pickup sensor mounted to an articulated ABS frame, one 9 volt powered preamp, and a supply of putty and wire clips.

Pickup Placement

The photo's to the right show that the pickup system is meant to span the string reinforcing strip.

Normal placement for pickup is one-third of the way up from the lowest bass string anchor point. For example: on a 29 string harp, the main element would be just below the 10th string anchor point.

On some harps the bass string area of the string strip is enlarged and it may not be possible to place the main element exactly at the one-third point. In these cases the main element should be placed as close to that one third distance as is possible. No part of the pickup should contact the string strip or string balls.

Pickup Attachment

The 'feet' of the pickup base are meant to as fully contact the soundboard of the harp as is possible. The feet of the pickup are articulated and can be rotated so that they will conform to the curve or belly of most harps. Place the pickup against the soundboard and rotate the feet to fit the soundboard.

The putty supplied with the pickup will be used to adhere the pickup to the soundboard. Take a small quantity of the putty and spread that amount on the bottom of each foot of the pickup. When spread the putty should be approximately 3/16" (5mm) thick. Place the pickup in position on the soundboard and press each foot against the soundboard to adhere the pickup. Some excess putty will squeeze out from between the pickup and the soundboard - this excess putty should be left in place.

The putty will make up for any small gapping that may exist between the feet of the pickup and the soundboard.

Preamp Lead Wire

The lead wire from the pickup to the preamp is approximately 24" in length. Almost 18" of that lead wire may be stored within the preamp box by simply pushing that wire into the box in small increments.

Preamp Mounting

- 1) The preamp unit may be mounted to the inside of a side wall or back wall of the sound box or to just about any inside surface (except the soundboard itself). It will mount to the instrument with a self adhesive velcro pad.
- 2) Choose a spot on the inside of your harp where you would like to place the unit. Make certain that the output jack of the preamp is accessible through a sound port. Make sure that the spot you chose is relatively flat and that it is clean and dry. It is recommended that you clean the area where the unit is to be placed by wiping that area down with some rubbing alcohol. This should remove any wax or sealers on the interior of the sound box and allow the self adhesive velcro pad to stick properly.
- 3) Once you have confirmed the location, peel the backing from the supplied velcro pad and press it into place.

Finishing Up

It is important that the lead wire from the pickup to the preamp does not come into contact with the soundboard or side walls of the box. Push any excess lead wire into the preamp box. If necessary use some of the supplied 'D' shaped self adhesive wire clips, open each wire clip so that the wire can be inserted within and peel and stick the clips to secure the wire to the inside of the harp.

Notes: The preamp is a single channel low draw Jfet preamp. Output impedance is less than 3.5k ohms. Battery life for a 9 volt alkaline battery is approximately 1500 hours of use. Do not use rechargeable batteries.

The preamp is turned on only when a plug is inserted into the output jack of the unit.

