

Installation Instructions for SH Hex Pedal

Introduction:

Thank you and congratulations for choosing a Shadow pickup system. Shadow preamps are known for the most reliable, user-friendly and best sounding products on the market. As a result of an enormous research and development effort over three years, Shadow releases a revolutionary pickup system. The hexaphonic pickup Nanoflex-6 unites six Nanoflex pickups in one – one for each string.

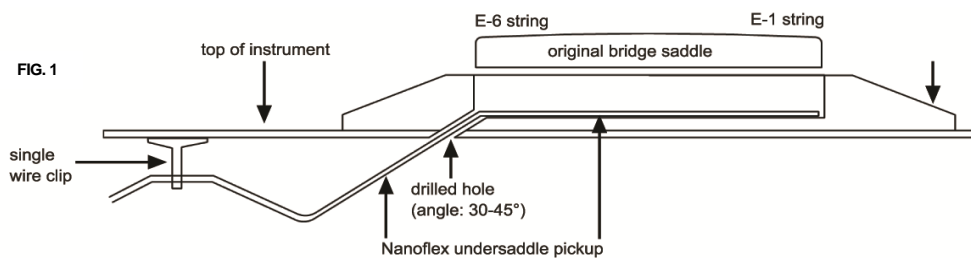
Installation:

We recommend installation by a professional.

1. Installation Nanoflex 6 Pickup:

Take off strings, remove original saddle and drill a 3mm diameter hole in the corner of the saddle slot at the bass string side (see Fig. 1). The hole has to be drilled in an angle of 30°-45°. Check your bracing before drilling the hole to avoid a damage of it. Clean up the saddle slot and eliminate the wood dust and chips.

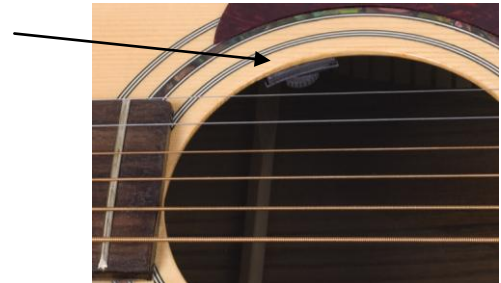
Push the Nanoflex 6 pickup from inside of guitar through the hole in the bridge and place the pickup into the bridge slot. Make sure that the printed side of the pickup showing towards the saddle. Pay attention that the bottom side of the saddle has to be absolutely flat.



Insert the supplied hexaphonic-saddle and secure it temporarily with a piece of tape. Connect pickup with multiplexer (pickup input: "Hex Nanoflex"). Use the single wire clip to secure the wire from the pickup to the underside of the top and secure the cable into it. Also fix this area to avoid noise or feedback. You may use adhesive material to fix it. Failed to secure the wire may produce bizarre audio consequences. Place the double cable holder to the side of the guitar and secure the endpin cable and the pickup cable into it.

2. Installation of Volume Control:

The volume control sits inside the guitar and is reachable through the sound hole. Place the volume control for testing purposes to the place it fits your guitar best. Clean up the interior side of your guitar's top where the volume control will be placed. Connect the volume control with the multiplexer (input: "Volume"). Take protection foil of volume control off and glue it to the instrument's top.



3. Installation of Multiplexer:

Remove original strap nut and increase hole up to 12,5mm diameter. Remove endpin strap nut, hexagon nut and washer from the multiplexer. (Fig.5). Mount the endpin as shown on Fig. 6. Adjust the inside nut so that the larger threads end just below the surface of the instrument (Fig. 6, arrow). Put the washer from the outside on the endpin jack. Tighten the hexagon nut with 12mm wrench and screw endpin strap nut on.

FIG. 5

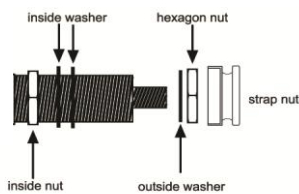


FIG. 6

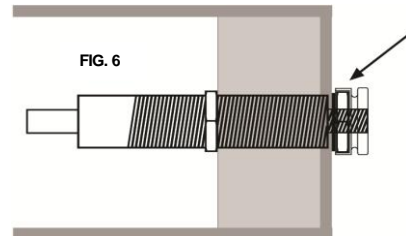


Fig. 2

Wrong

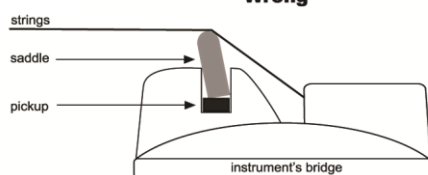


FIG. 3

Correct

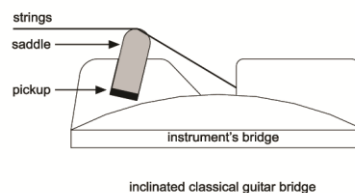
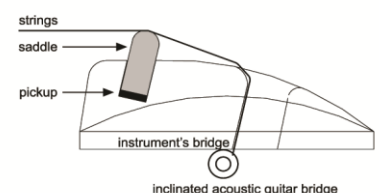


FIG. 4

Correct



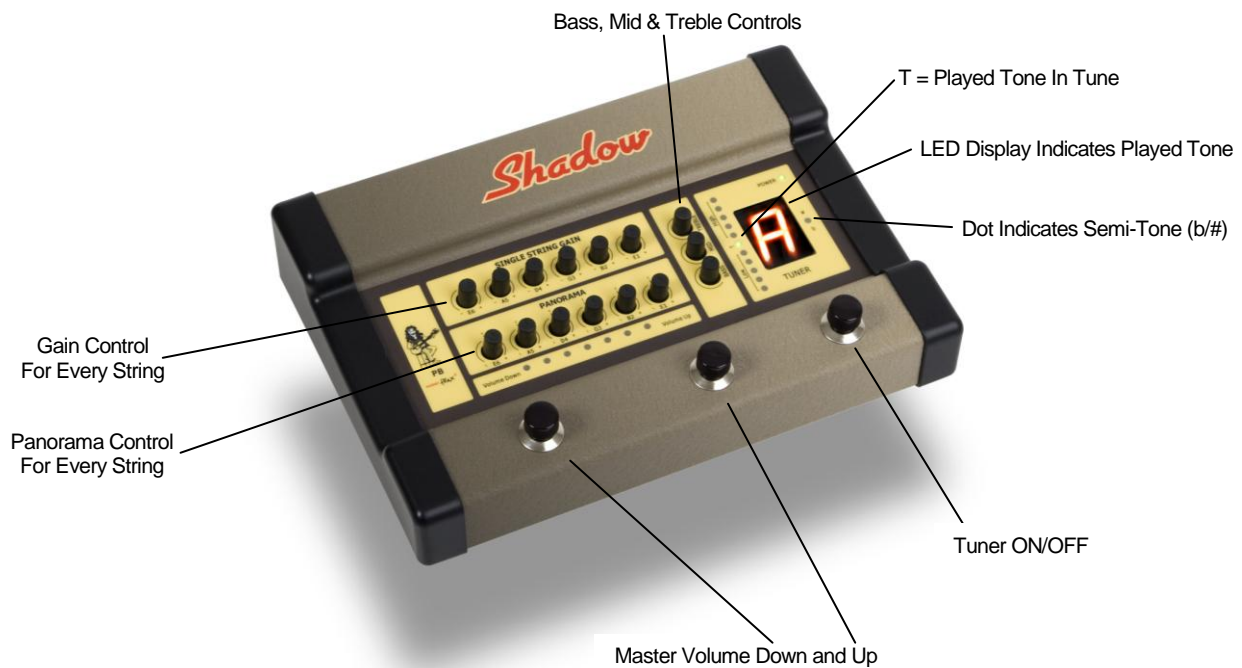
Mount the strings and tune your instrument. Make sure the strings do not pull the bridge saddle forward in neck direction (Fig. 2, 3 & 4).

4. Connect Multiplexer with Hex-Pedal:

Connect your guitar with the Hex-Pedal ("Input") by using supplied shielded stereo-cable and connect Hex-Pedal output with your amplification system by using two regular guitar cables for stereo operation. For mono operation use the output jack "Mono". Connect supplied power adapter with your Hex-Pedal and turn Hex Pedal on by pressing ON/OFF knob.

If you will ever use another power adapter you have make sure that it's for 9V, 1A and center pin on the plug has to be 2.1mm diameter and it is a negative pole.

There are following controls at the Hex-Pedal:



Tuner:

To use tuner, push tuner ON/Off knob (which mutes the signal automatically). Plug the string and display will show which note is played. If you plug E6 you should tune it so that the display show E. If the played note is in tune, green LED (T) turns on. Upper LEDs will indicate if too high, lower LEDs if it's too low.. When it is correctly tuned it must show E and the green LED must be on. When finished tuning, press the tuner ON/off button and the tuner will get off. The sound will return.

Volume:

Pressing the volume knobs will cut or increase total volume. You can change the volume also with your sound hole fitted control unit.

Equalizer Controls - Bass, Mid, Treble:

Bass, Mid, and Treble will change the EQ to desired sound.

Single String Gain Controls:

To adjust the single string gain (+/- 3 db) turns the small trim pot knob. To increase the volume turn to the right from the middle; to decrease the volume turn to the left from the middle.

Panorama (PAN):

Turning to the left will bring the string to the left speaker of your amplification system. Turning to the right will bring the string to the right.