

Satisfaction Guarantee

If within 10 days of delivery the purchaser decides for any reason to return the product, Audere Audio will refund the purchase price of the product subject to the following conditions: return the product in new condition; follow the shipping instructions under the Limited Warranty section; refunds will be issued to the purchaser by the original payment method; and refunds do not include shipping and handling charges.

Limited Warranty

What this warranty covers:

Audere Audio warrants its Products to be free from defects in materials and workmanship for one year from the purchase date and is available to the original purchaser.

The limited warranty does not cover:

- Damage caused by misuse or abuse;
- Exposure to environmental extremes;
- Products that have been modified;
- Shipping damages of any sort;
- Damage due to use that is not in conformity with factory specifications;
- Normal wear and tear or parts intended to be replaced due to normal use;
- Claims based on the subjective issue of tonal characteristics;
- Product if the serial number has been defaced, modified, or removed.

What Audere Audio will do:

If, in our sole determination, the defect is covered by the Limited Warranty,

Audere Audio will promptly repair or replace the product, at our option, and return it prepaid to the purchaser. If the defect is not covered or is excluded from this Limited Warranty it will be returned without repair or replacement, shipping and insurance to be paid by purchaser.

AUDERE AUDIO IS NOT LIABLE FOR MODIFICATIONS MADE TO YOUR INSTRUMENT EVEN IF THOSE MODIFICATIONS WERE MADE TO FACILITATE PRODUCT INSTALLATION. YOU SHOULD EVALUATE THE PRODUCT FULLY PRIOR TO A FULL INSTALLATION.

IN NO EVENT SHALL AUDERE AUDIO BE LIABLE FOR INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. THIS LIMITED WARRANTY IS GIVEN AS YOUR EXCLUSIVE REMEDY AND IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY LIMITED IN DURATION TO THE DURATION OF THIS WRITTEN WARRANTY

In the case of conflicting terms and conditions between this Limited Warranty and any purchase order, contracts or invoices, this Limited Warranty is the controlling document.

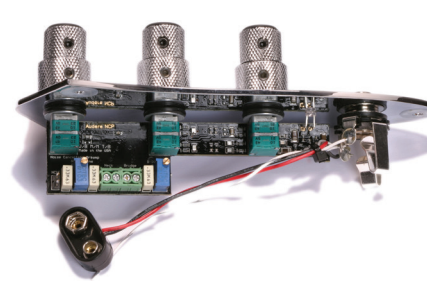
Shipping instructions:

1. Contact Audere Audio within the warranty period and obtain a Return Authorization (RA) number and ship to address prior to shipping.
2. Package the product for safe shipping. Mark the RA number prominently on the outside of the box.
3. Include inside the box the RA number, your name, and address.
4. Ship the product prepaid and insured within 14 days of the RA date.

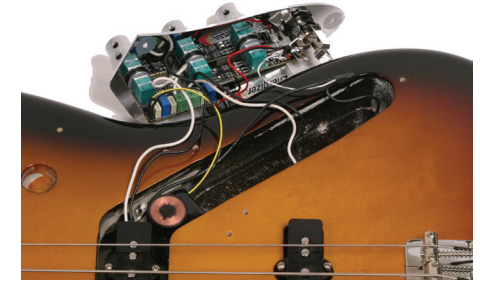
Your rights under state law:

This limited warranty gives you specific legal rights and you may have other rights which vary from state to state; for example some states do not allow all of the limitations on warranties.

Audere Audio www.audereaudio.com



JNC Preamp, Noise Sensor not shown



Typical Bass Cavity with Noise Sensor

Installation Video - www.audereaudio.com/Video/JNCInstall.wmv

See our website for Frequently Asked Questions.

Tools:

- Screwdrivers: Phillips #0, #1, #2 and Flat 1.4, 2.0mm
- Wire stripper/cutter/plier
- Matches or Hot Air Source
- X-Acto Knife or similar cutter



Step 1) Remove the old control plate:

- A. The strings can be left in place.
- B. Remove the pickguard screws then lift the pickguard up and slide it out from under the strings.
- C. Remove your existing control plate screws, save the screws for use in installing the new preamp but keep them separated from the pickguard screws which maybe a different size.
- C. Pull the control plate up and flip it over; protect the bass with a soft cloth as you rest it on the bass.
- D. Cut the pickup, bridge and cavity ground wires close to the plate.
- E. Strip the insulation of the wires back 0.2".

Regarding the Instrument Cavity:

The preamp is designed to drop into the existing cavity of most jazz style basses; the cavity size needed is 1.2" deep, 1.1" wide (1.02" at the battery end), and 4.8" long.

The noise sensor sits in the route between the preamp cavity and the pickup cavity. The typical route is 1.15" wide by 0.375" deep. The sensing coil is 1" wide by 1.2" long at top of curve by just under 0.35" deep.

Every instrument is different; if you find you need to make modifications to your instrument in order to install this product, please take extra care. Audere Audio is not responsible for damage or modifications you make to your instrument as part of the product installation.

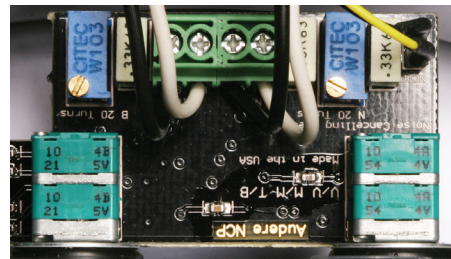
See our limited warranty for restrictions.

Step 2) Install the Noise Sensor

- The space for the noise sensor may have a ground lug in it, if so unscrew the lug & move it to a new location. Make sure the screw is shorter than the thickness of the wood it will be screwed into. If the body is hard or exotic wood, drill a pilot hole first. If the old screw location isn't flat, clear it with your X-Acto blade.
- Apply the double sticky foam to the back of the Noise Sensor and press it in place.
- The sensor height should be just proud of the bass top; it will be 'trapped' by the pickguard to ensure it doesn't move and the foam will compress. If necessary add a second piece of foam tape (provided).



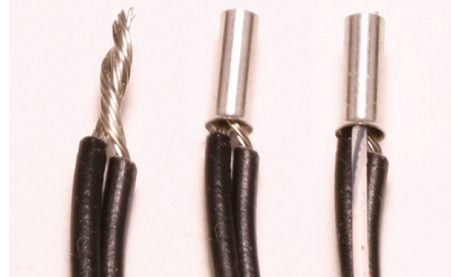
Noise Sensor installed



Bridge and Neck Pickup Wires in Connector

Step 3) Install Wires to Preamp

- Insert the pickup wires into the connector as shown in the picture and as labeled on the circuit board. Install the bridge wires first (they're shorter and more constrained) followed by the neck wires. Use a screwdriver that fits - don't force an oversized bit into the connector.
- A Grey/White wire is attached to the preamp's center jack tab; attach this wire to the bridge and cavity ground wires using the provided crimp connector (see steps in photos):
 - Twist the pickup wires together,
 - Slide them into the crimp,
 - Add the Grey/White wire in the crimp,
 - Flatten the crimp with pliers,
 - Slide the heat shrink over the crimp and
 - Reduce the heat shrink with heat.
- Install the 9V battery into the battery snap.
- Insert the mono cable into the output jack; watch for the Battery Meter LED to flash, indicating that the battery is good.



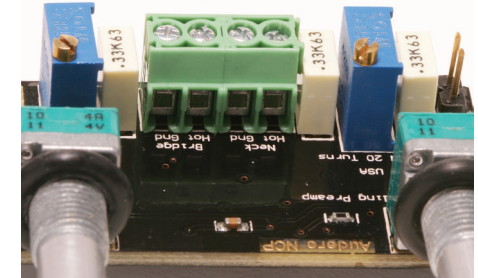
Crimp Sequence



Step 4) Adjust the Noise Cancelling System

- The preamp has two 20 turn trimmers, one for each pickup. These are used to adjust the noise cancellation system for ideal performance with your pickups.
- When you first receive the preamp, the adjustments will be in the center position which disables the noise cancelling function.
- Electronic devices (computers, lights on dimmers, motors ...etc) can create unusual noise sources and should be removed or turned off in your installation environment if possible. Do not use a steel table which distorts magnetic fields.
- To adjust the Neck pickup cancellation, set the volume for Neck on 100% and the Bridge at 0%. Set the tone controls flat - in their center detents for active controls or turned max clockwise for a passive tone control.
- Dampen the strings to stop feedback and turn your amplifier up so you hear the hum - closed ear headphones are helpful. Disregard the static and focus on the volume level of the hum as you turn the trimmers. Initially turn clockwise - if the hum is increasing - reverse direction. The hum will decrease as you adjust the trimmer. As you pass the optimal spot the hum will increase and you can reverse directions to stop at the optimal spot.
- Repeat for the Bridge pickup, changing the Neck volume level to 0% and the Bridge to 100%.
- After both pickups are optimized, set both volumes at 100% or set the balance in the center detent and do a quick check that the noise is low.
- Turn off the power amp then remove the cable.

Pickup Wire Connector
Bridge Trimmer Neck Trimmer



Step 5) Reinstall the Pickguard and Install the Audere Preamp Plate

- Attach the pickguard first, using your original screws. Leave the screws loose for now.
- Drop the battery into the cavity first. Make sure it is laying down flat. Notice how the battery fits into the cut-out in the preamp circuit board. A tab on the circuit board that fits just behind the battery keeps the battery from sliding into the jack.
- Insert the preamp into the cavity; keep all wires to the pot side of the cavity, against the wood. Make sure the wires are not trapped in-between the bottom of the circuit board and battery.
- Attach the preamp plate to the bass body using your original screws. Verify no wires are caught between the preamp plate and the body during this step.
- Align the pickguard to the preamp plate and tighten the pickguard screws.
- Insert a mono cable into the jack and verify the battery LED meter flashes.
- Plug into the passive input of your amp and test your bass.

Battery Meter LED

When a standard guitar cable (these are mono not stereo cables) is plugged into the output jack, the negative side of the battery is connected to ground and the circuit is powered up. The blue LED flash will be dimmer and shorter as your battery strength decreases. To get an accurate flash duration you need to unplug the cable for up to 1 minute. If the battery flashes longer than 0.1 seconds you are fine for your gig.

Grounding Note

Every pickup has at least 2 wires, call them Hot and Common. For the Audere NC Preamp series only the Commons can be connected to ground. Ideally the Commons are connected to our board at the screw connector as the labeled on the board and as shown in Step 3. If you have a 3rd wire and it is a braided shield, this is a Ground wire and can be connected to the Cavity Ground.