

AXE TRAK®

**Isolation / Recording Cabinet
for Bass Guitar**



User Manual

Congratulations and thank you for purchasing the AxeTrak® Isolation/Recording Cabinet for Bass Guitar. We have gone to great lengths to insure that you are purchasing a high quality piece of professional studio equipment. The AxeTrak® will last an extremely long time if used correctly. Please be sure to read through this manual carefully, as it contains important information on the performance and operation of your new AxeTrak®. This will help to ensure proper connection and safety precautions necessary for safe operation of this device.

LIMITED WARRANTY

Your AxeTrak® product is guaranteed against failure for 1 year. JLH Products will service and supply all parts at no charge to the customer providing the unit is under warranty. Shipping costs are the responsibility of the customer. This warranty does not cover, and no liability is assumed, for damage due to: natural disasters, accidents, abuse, loss of parts, lack of reasonable care, incorrect use, or failure to follow instructions. This warranty is in lieu of all other warranties, expressed or implied. No representative or person is authorized to represent or assume liability for JLH Products in connection with the sale or servicing of this product. JLH Products shall not be liable for incidental or consequential damages. When returning merchandise to the factory, you must call or email our office for a return authorization number. Describe in writing each problem. If your unit is out of warranty, you will be charged the current flat rate for parts and labor to bring your unit up to factory specifications. Contact 949-859-7293 or email us at axetrak@jlhproducts.com. **You must register your product online at www.axetrak.com to validate your warranty.**

Contents of AxeTrak® should include:

- AxeTrak® Isolation / Recording Cabinet for Bass Guitar
- User Manual
- Two additional - Fast Acting, 2 – 2.5 Amp Fuses

CAUTION: DO NOT ATTEMPT TO OPEN THE AXETRAK® AS IT MAY SERIOUSLY HURT THE SOUND CHARACTERISTICS OF THIS DEVICE AND WILL VOID THE WARRANTY. THE AXETRAK® IS ASSEMBLED WITH VERY TIGHT TOLERANCES SO THAT IT DOES NOT CREATE ANY UNWANTED RESONANCES. DO NOT USE THIS DEVICE IN ANY WAY OTHER THAN DESCRIBED IN THIS MANUAL.

The AxeTrak® is a very useful piece of professional studio equipment that will make recording crisp, clean and punchy bass tones as easy as one two three.

DIRECTIONS FOR USE

With your bass amplifier turned off, connect all of the pedals and processors that you would normally use for “Your Sound” to your bass amplifier. Connect them the same way you would for your live sound. Connect a speaker cable from the speaker jack of your amplifier to the “IN” jack on the AxeTrak®. The input impedance of the AxeTrak® is 8 ohms so make sure that your bass amplifier can safely drive an 8 ohm load. Almost all bass amplifiers will work with this setup. If you use a tube amplifier, adjust the speaker output impedance selector on your amp for an 8-ohm load. The volume on your bass amplifier should be turned all the way down initially. Insert a low impedance microphone cable into the XLR jack on the front of the AxeTrak®. Plug the other end of the microphone cable into your recording console, computer sound card, preamp or mixing board. **Do NOT use phantom power with this device.** If you are plugging the AxeTrak® into a high impedance ¼” jack, you will need to use an impedance matching transformer as shown in the diagram on page three.

For the (Bass version only) of the AxeTrak to sound its best, it is very important that your bass amp only be turned up to the point that it produces a good clean tone in the AxeTrak. **The AxeTrak® is NOT designed to handle bass amplifiers cranked at full volume.** This is a very critical point; you do not want to needlessly crank your amp beyond this level. Monitor this tone either through headphones on your mixing board or via room playback of input signal through mixer or soundcard. The green input LED on the AxeTrak® may peak or glow at times. That verifies that the box is receiving a good signal. **If the AxeTrak does not make any audible sound, turn off your amp immediately and check the fuse.** The AxeTrak® is fuse protected to protect the internal components. In the event that you blow the fuse on your AxeTrak®, it should **ONLY** be replaced with a 2A or 2.5A /250 3AG fast acting fuse.

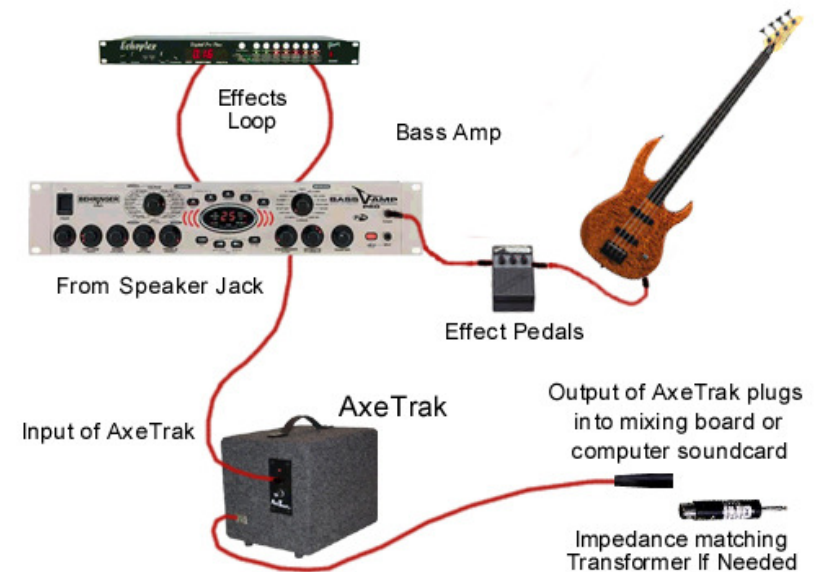
UNDERSTANDING THIS DEVICE

The input on the AxeTrak® is a standard ¼ “ phone jack which makes it easy to connect to the speaker output jack of most professional guitar amps. The input jack drives the custom driver as well as the signal level LED. The sound is converted into an electrical signal with the use of a dynamic cardioid microphone cartridge, which has been carefully selected and modified exclusively for this device. This cartridge is meticulously placed and aligned to our exact specifications, and is permanently mounted inside the enclosure. The cartridge is then wired to the XLR jack mounted on the front of the AxeTrak. There is no ground connection on the balanced XLR output of the AxeTrak® so there is no possibility of noise being created from ground loops when using this device.

The AxeTrak® uses a normal low impedance microphone cable so that it can be used in the studio as well as on stage where long cables are often necessary for running sound. If you wish to plug the output of your AxeTrak® into a high impedance input source (one that uses a ¼” input jack instead of the regular XLR input), you will need to purchase an impedance matching transformer as shown in the diagram below. Our unit is designed to work well either way. If you do use an impedance matching transformer you will probably notice that the extreme low-end bass response is reduced. This is due to the nature and characteristics of coils and transformers.

Please remember that this device was created to reproduce crisp, clean and punchy bass tones, not distorted tones like the guitar version. Make sure you only turn the unit up loud enough to make the green LED begin to flicker. Doing this will give you the cleanest, best sounding recording.

SETUP DIAGRAM



DEEP PLUG - If your particular style of music requires deep subsonic bass tones, you can unscrew the circular “Deep Plug” located on the left side of this device. Simply insert a quarter or small angle bracket in the slot and turn counterclockwise to remove. Do not over tighten this plug as it has a flared thread. It only needs to be slightly snug and it will not rattle or resonate audibly.

SPECIFICATIONS

Input Impedance

8 Ohms

Output Impedance

Low Impedance 200 – 600 Ohms (Mic level)

Wattage Rating

75 Watts RMS
(fuse protected)

Dimensions

Height 11” (279 mm)
Width 10.5” (267 mm)
Length 13.25” (337 mm)

Weight

21 lbs (9.5 kg)

Power Requirements

None

For product registration please go to
www.axetrak.com and click on Register Product

Owner

Date of Purchase

Serial Number

For product registration please go to
www.axetrak.com and click on Register Product

AxeTrak

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