

NUX
Verdugo Series

Owner's Manual



Melvin Lee Davis
BASS Preamp + DI

NBP-5

Copyright

Copyright 2019 Cherub Technology Co., Ltd. All rights reserved. NUX and Melvin Lee Davis Bass Preamp & DI are trademarks of Cherub Technology Co., Ltd. Other product names modeled in this product are trademarks of their respective companies that do not endorse and are not associated or affiliated with Cherub Technology Co., Ltd.

Accuracy

Whilst every effort has been made to ensure the accuracy and content of this manual, Cherub Technology Co., Ltd. Makes no representations or warranties regarding the contents.

WARNING!-IMPORTANT SAFETY INSTRUCTIONS BEFORE CONNECTING, READ INSTRUCTIONS

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION: To reduce the risk of fire or electric shock, do not remove screws. No user-serviceable parts inside. Refer servicing to qualified service personnel.

CAUTION: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



The lightning symbol within a triangle means "electrical caution!" It indicates the presence of information about operating voltage and potential risks of electrical shock.



The exclamation point within a triangle means "caution!" Please read the information next to all caution signs.

1. Use only the supplied power supply or power cord. If you are not sure of the type of power available, consult your dealer.
2. Do not place near heat sources, such as radiators, heat registers, or appliances which produce heat.
3. Guard against objects or liquids entering the enclosure.
4. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.
5. Servicing is required when the apparatus has been damaged in any way, such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
6. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
7. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and at the point where they exit from the apparatus.
8. Prolonged listening at high volume levels may cause irreparable hearing loss and/or damage. Always be sure to practice "safe listening".

**Follow all instructions and heed all warnings
KEEP THESE INSTRUCTIONS!**

Overview

Melvin Lee Davis Bass Preamp & DI

We collaborated with American bass player (also vocalist, keyboard player, TV composer, engineer) Melvin Lee Davis to create MLD Bass Preamp & DI. It has tons of functions based on Melvin Lee's musical experience, and offers the best sound shaping controls such as 3-band EQ with middle-frequency selection, drive with blend control, speaker cabinet simulation (Impulse Response file loader) and built-in noise gate with decay and threshold controls.

Audio Streaming and Recording

MLD Bass Preamp + DI can also be used as an audio interface. You can download and install the free NUX ASIO Driver, connect the pedal to your computer via USB, use the headphone output on the pedal for monitoring, then it can send the bass guitar audio signal for recording. Simply you don't have to use any other output on the pedal or computer.

NBP-5 Edit Software

You can control the pedal with the software and also load/change Impulse Response files. Visit nuxefx.com and download the software for free.

Features:

- 3-band EQ with Middle-frequency selector
- Drive with blend control
- Built-in noise gate
- Impulse Response loader, speaker cabinet simulation
- Versatile input and output options
- Firmware updates, software control, audio stream

Control Panel



Control Panel

VOLUME knob



VOLUME

Adjusts the output volume.

BASS knob



BASS

Adjusts the low frequency level.

MIDDLE knob



MIDDLE

Adjusts the selected middle frequency level.

BLEND knob



BLEND

Adjusts overdrive signal mix with the dry signal between 50% and 100%.

FREQ knob



FREQ.

Middle frequency selector. You can choose from low mid 160Hz to high mid 1kHz. According to different amp models, the EQ range and response are different.

DRIVE knob



DRIVE

Adjusts the overdrive level (can be activated with DRIVE footswitch).

TREBLE knob



TREBLE

Adjusts the high frequency level.

Control Panel

DI toggle



Activates the Impulse Response speaker cabinet simulation for DI out and the headphone out.

OUT toggle



Activates the Impulse Response speaker cabinet simulation for main output.

Preamp Foot Switch

ON/OFF



Engages / disengages the preamp.

Drive Foot Switch

DRIVE



Engages / disengages the overdrive.

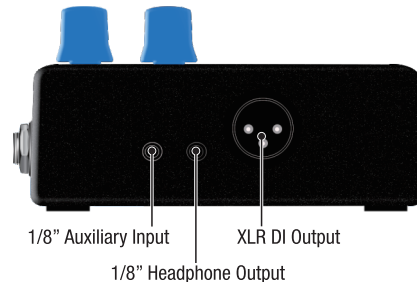
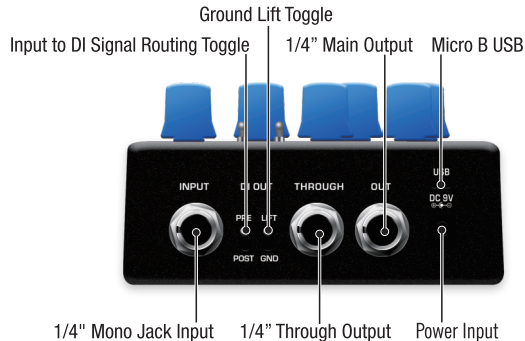
Noise Gate: Push and hold the Drive footswitch for 1.5 seconds, the green LED light will start to blink. Now you can control the noise gate Decay by Blend knob, and Gate Threshold by Drive knob. When you turn the Threshold to 0, noise gate will be OFF.

Decay: Adjusts the speed of the noise gate.

Threshold: Adjusts the gate level.

Hold the Drive footswitch for 1.5 seconds again to go back to use the pedal. Green LED will stop blinking.

I/O Jacks



I/O Jacks

1/4" Mono Jack Input



Instrument input.

Input to DI Signal Routing Toggle



PRE - When set to PRE position, the signal will be routed directly from Input to DI Output.

POST - When set to POST position, the signal flows to DI Output will be processed by the Drive and the Preamp sections.

Note: The position of this toggle switch won't have any impact on the speaker cabinet simulation that is controlled separately by the DI toggle.

Ground Lift Toggle



If you meet ground loop noise issue, it helps you to eliminate the hum noise.

1/4" Through Output



Dry signal output. If you prefer to use the preamp on your amplifier, please connect via this jack to bypass the pedal's preamp. Speaker cabinet simulation is always deactivated.

1/4" Main Output



The main output. You can get the processed sound from preamp/drive section. Speaker cabinet simulation can be activated/deactivated.

Micro B USB



You can connect to the computer for updates, software control and audio streaming.

I/O Jacks

Power Input



Negative tip power cable input 9V .

1/8" Auxiliary Input



You can connect music player to play along with music.

1/8" Headphone Output



For silent practicing or monitoring.

XLR DI Output

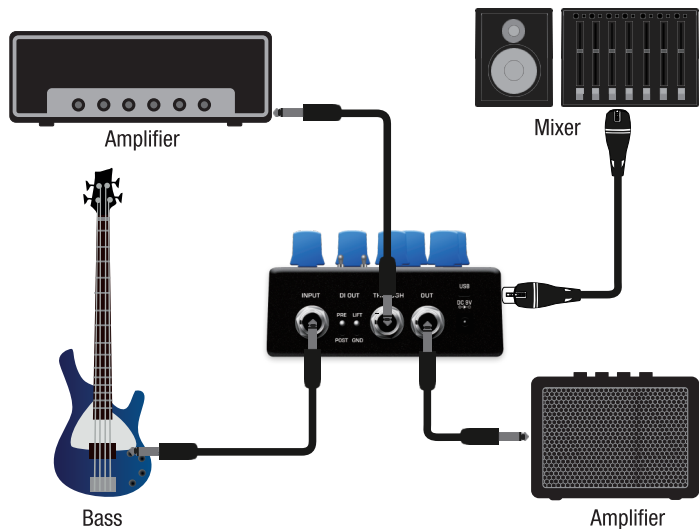


Balanced output jack. Connect it to your mixer or PA system.

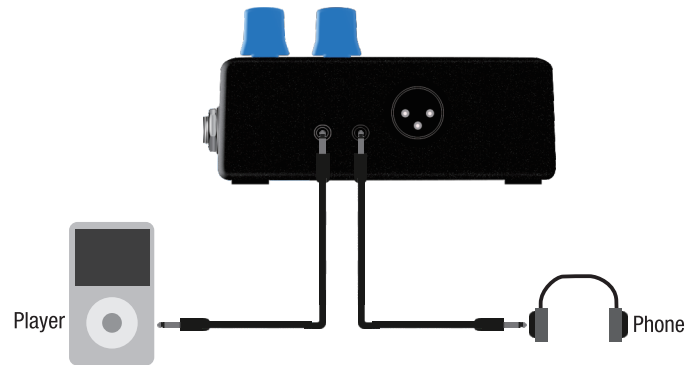
You can use the PRE/POST toggle and the DI toggle to determine the signal type.

Note: This pedal doesn't support 48V phantom power. Please turn off the phantom power on your device before connecting this pedal.

Connecting Audio Equipment



Connecting Audio Equipment



Specifications

- Sampling Frequency: 48kHz
- A/D Converter: 32bit
- Signal Processing: 32bit
- Frequency Response Range: 20Hz ~ 20kHz
- Noise Level: -93dBu (A-Weighted)
- Dynamic Range: 100dB
- EQ:
 - MLD - Bass ± 12 dB @ 40Hz
 - Middle ± 17 dB @ 160Hz ~ 1kHz
 - Treble ± 12 dB @ 8kHz
 - AGL - Bass ± 18 dB @ 40Hz
 - Middle ± 17 dB @ 180Hz ~ 1kHz
 - Treble ± 18 dB @ 4kHz
- Current Draw: <150mA
- Power Supply: 9V DC, Negative Tip (Optional ACD-006A Adaptor)
- Dimensions: 105mm(L) x 115mm(W) x 58mm(H)
- Weight: 460g

Accessories: User manual, NUX sticker.

*Specifications and features are subject to change without notice.



www.nuxaudio.com

Made in China