NUX
Verdugo Series

Owner's Manual



Melvin Lee Davis
BASS Preamp + DI

NBP-5

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Accuracy
Whilst every effort has been made to ensure the accuracy and content of this manual, Cherub Technology Co. 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 or local power company.
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. Refer all servicing to qualified service personnel. 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!

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 attack and threshold controls.

Audio Streaming and Recording

MLD Bass Preamp + DI is also can be used as an audio interface. You can download free NUX Audio Driver we developed for the pedal. Please visit nuxefx.com support page and you can find the driver for both Windows OS and MAC OS to download. When you install the audio driver you can connect the pedal to the computer with Micro B USB cable. And use the headphones output for monitoring, the pedal can send the bass guitar audio signal by USB cable for recording and you can hear the audio signal from the computer. Simply you don't need to use any output on the pedal or computer.

Melvin Lee Davis Preamp + DI 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, you can also find the software guide.

Features:

- 3-band EQ with Middle-frequency selector
- Drive with blend control
- Built-in noise gate
- Impulse Response loader, speaker cabinet simulation
- 1/4" instrument input
- 1/4" through output and main output
- XLR DI output
- 1/8" headphones output
- 1/8" Auxillary in for music player connection
- Micro B USB input for firmware updates, software control, IR loading and audio stream
- 9V Negative Tip Power Adapter Input ⊕-(•—⊖

Control panel



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

Volume Knob
Adjusts the output volume.

Bass Knob
Adjusts the low frequency level.

Middle Knob
Adjusts the selected middle frequency level.

Freq Knob
You can choose any frequency to adjust from low mid 150 Hz to high mid 940 Hz.

Treble Knob
Adjusts the high frequency.

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

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

Out Toggle
Activates the Impulse Response speaker cabinet simulation for main output.

Drive Foot Switch

Engage / disengage the overdrive.

Also

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.

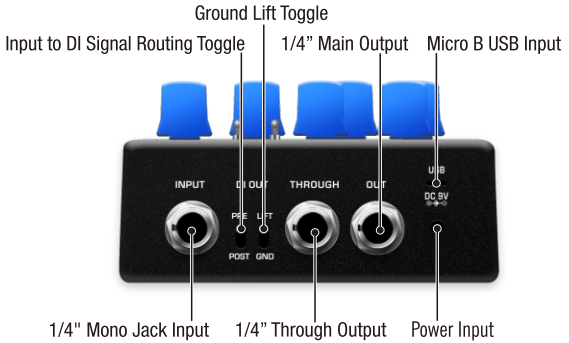
Threshold: Adjusts the gate level.

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

Preamp Foot Switch

Engage / disengage the preamp.

Control panel



1/4" Mono Jack Input

Instrument input.

Input to DI Signal Routing Toggle

If you want to use the DI out without using the preamp, you can set the toggle to PRE. The input signal will delivered to DI output directly.
Or you can set the toggle to POST to use the preamp and drive functions for DI out connection. Whether selected the PRE or POST, you can activate/deactivate the speaker cabinet simulation separately

Ground Lift Toggle

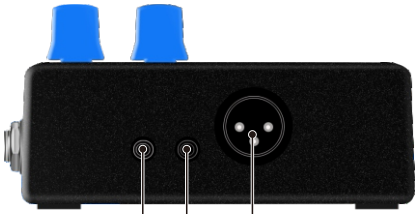
If there is a noise issue, it helps you to eliminate the hum noise.

1/4” Through Output
Dry signal output, if you want to connect the pedal to the amplifier in front. You can avoid the pedal's preamp section and use the amplifier's preamp. Speaker cabinet simulation not supported.

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

Power input
Negative tip power cable input 9V ⊕-(•)-⊖.



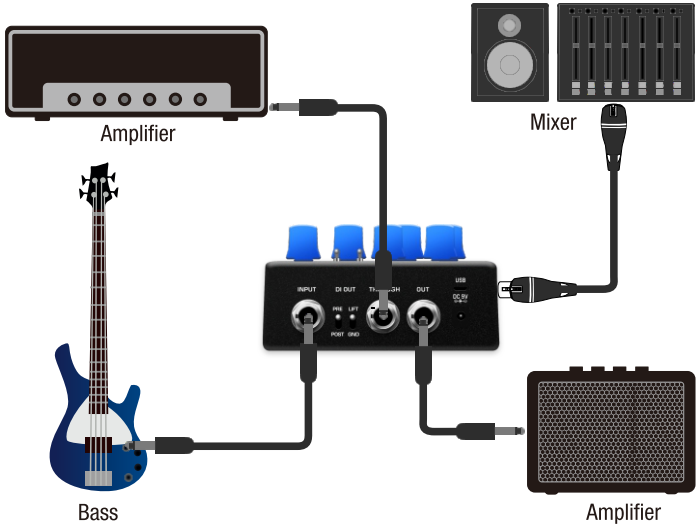
1/8” Auxilerry Input
You can connect music player to play along with music.

1/8” Headphones Output
For silent practicing or recording.

XLR DI Output
For direct connection to mixer (or PA system).

You can use the PRE/POST Toggle to use the pedal's preamp/drive section or you can send the dry signal directly.

Also speaker cabinet simulation can be activated/deactivated.



Connecting Audio Equipment



Technical specifications

-Sampling frequency: 48kHz
-A/D Resolution: 32Bit
-Resolution: 32Bit
-Frequency Response Range: 20Hz ~ 20kHz ±1dB
-Noise level: -93dBu (A-Weighted)
-Dynamic Range: 100dB
-Maximum input level: +14dBu
-Maximum output level: +14dBu
-Current Draw: <150mA
-Power Supply: 9V DC, Negative Tip (ACD-006A)
-Dimensions: 105(L)x115(W)x58(H)mm
-Weight: 460g

Accessories: User manual

*Specifications and features are subject to change without notice.

CE mark for European Harmonized Standards

CE Mark which is attached to our company's products of Battery means the product is in fully conformity with the harmonized standard(s) EN 61000-6-3:2007+A1:2011 & EN 61000-6-1:2007 Under the Council Directive 2004/108/EC on Electromagnetic Compatibility.

RoHS

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