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> [NUX Melvin Lee Davis NBP-5 Bass Preamp Pedal User Manual](#)

## NUX NBP-5

# NUX Melvin Lee Davis NBP-5 Bass Preamp Pedal User Manual

Model: NBP-5 | Brand: NUX

## 1. INTRODUCTION

The NUX Melvin Lee Davis NBP-5 is a versatile bass pedal designed to integrate multiple essential functions for bassists into a single compact unit. It serves as a bass guitar preamp, DI box, impulse response (IR) loader, and audio interface. This manual provides detailed instructions for its setup, operation, and maintenance to ensure optimal performance.

### Key Features:

- Integrated Bass Guitar Preamp, DI Box, Impulse Response (IR) Loader, and Audio Interface.
- Designed for recording with Melvin Lee Davis Bass Preamp tones.
- Impulse Response functionality with 1024 sample length (20.33ms).
- Comprehensive 3-band EQ with a middle-frequency selector for precise tone shaping.
- Drive section with blend control for adding grit and sustain.
- Built-in noise reduction to maintain signal clarity.
- Micro B USB input for firmware updates, software control, IR loading, and audio streaming.

## 2. SAFETY INFORMATION

To prevent electric shock, fire, or damage to the unit, please read and follow all instructions carefully. Keep this manual for future reference.

- Do not expose this unit to rain, moisture, dripping, or splashing liquids.
- Do not place objects filled with liquids, such as vases, on the unit.
- Use only the specified power adapter (9V DC, center negative, 30mA minimum).
- Do not open the casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Avoid placing the unit near heat sources or in direct sunlight.
- Ensure proper ventilation and do not block ventilation openings.

## 3. WHAT'S IN THE BOX

Upon unpacking your NUX Melvin Lee Davis NBP-5, please ensure all items are present:

- NUX Melvin Lee Davis NBP-5 Bass Preamp Pedal

- USB cable
- User Manual (this document)

## 4. SETUP

### 4.1 Power Connection

Connect a 9V DC (center negative) power adapter to the 'DC 9V' input jack on the rear of the pedal. Ensure the adapter provides at least 30mA. The pedal does not operate on batteries.

### 4.2 Audio Connections

The NBP-5 offers various input and output options for flexible integration into your setup.



Figure 1: Rear panel connections of the NUX NBP-5 Bass Preamp Pedal.

- **INPUT:** Connect your bass guitar to this 1/4-inch input jack.
- **DI OUT:** This XLR output provides a balanced signal for connecting to a mixing console or audio interface. Use the 'PRE/POST' switch to select whether the signal is affected by the pedal's EQ and effects (POST) or is a dry signal (PRE). The 'LIFT/GND' switch helps eliminate ground hum.
- **THROUGH:** This 1/4-inch output provides a buffered dry signal of your bass, unaffected by the pedal's processing. Useful for sending a clean signal to another pedal or tuner.
- **OUT:** This 1/4-inch output provides the processed signal from the pedal, suitable for connecting to a bass amplifier or other effects.
- **AUX IN:** Connect an external audio player (e.g., smartphone) to this 1/8-inch input for practice along with backing tracks.
- **HEADPHONE OUT:** Connect headphones to this 1/8-inch output for silent practice or monitoring. The headphone output is linked to the DI Out, so activating DI IR simulation will affect the headphone output.

### 4.3 USB Connection

Connect the Micro B USB port on the rear of the pedal to your computer using the provided USB cable. This connection allows for:

- Firmware updates.
- Software control via the NUX editor software.
- Loading custom Impulse Response (IR) files.
- Using the pedal as a USB audio interface for recording.

## 5. OPERATING THE NBP-5

The NBP-5 features intuitive controls for shaping your bass tone. Familiarize yourself with the knobs and switches for optimal use.



Figure 2: Top panel controls of the NUX NBP-5 Bass Preamp Pedal.

### 5.1 Control Knobs

- **VOLUME:** Adjusts the overall output level of the pedal.
- **BLEND:** Mixes the dry (unaffected) signal with the processed signal.
- **DRIVE:** Controls the amount of gain/overdrive in the drive channel.
- **BASS:** Adjusts the low-frequency response.
- **MIDDLE:** Adjusts the mid-frequency response.
- **FREQ.:** Selects the center frequency for the MIDDLE knob, allowing you to target specific mid-range frequencies.
- **TREBLE:** Adjusts the high-frequency response.

### 5.2 Footswitches

- **DRIVE Footswitch:** Engages or disengages the drive channel.
- **ON/OFF Footswitch:** Activates or bypasses the main preamp section of the pedal.

## 5.3 Switches (Rear Panel)

- **DI OUT IR:** Toggles the Impulse Response cabinet simulation for the DI OUT.
- **OUT IR:** Toggles the Impulse Response cabinet simulation for the 1/4-inch OUT.
- **PRE/POST:** Determines if the DI OUT signal is taken before (PRE) or after (POST) the pedal's EQ and effects.
- **LIFT/GND:** Lifts the ground connection for the DI OUT to eliminate ground loop hum.

## 5.4 Impulse Response (IR) Loader

The NBP-5 features an integrated IR loader. You can select from built-in IRs or load your own custom 1024-point WAV IRs via the NUX editor software. The IRs can be independently applied to the DI OUT and 1/4-inch OUT using their respective toggle switches.

## 5.5 Noise Reduction

The built-in noise reduction helps eliminate unwanted hum and hiss, especially when using high-gain settings or single-coil pickups. Adjust the decay and threshold parameters via the NUX editor software for optimal performance.

## 5.6 Audio Interface Functionality

When connected to a computer via USB, the NBP-5 functions as a 24-bit/48kHz audio interface, allowing you to record your bass directly into your Digital Audio Workstation (DAW).

## 5.7 Official Product Videos

Video 1: Detailed overview and demonstration of the NBP-5 Bass Pedal features and sounds.

Video 2: Comprehensive review and sound examples of the NUX Melvin Lee Davis NBP-5 Dual Switch Bass Preamp.

# 6. MAINTENANCE

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Proper care will ensure the longevity and optimal performance of your NBP-5 pedal.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the pedal. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, disconnect the power adapter.
- **Handling:** Avoid dropping the pedal or subjecting it to strong impacts.

# 7. TROUBLESHOOTING

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If you encounter issues with your NBP-5, refer to the following common problems and solutions:

- **No Sound:**
  - Ensure the power adapter is correctly connected and providing the correct voltage (9V DC).
  - Check all audio cables for proper connection and integrity.
  - Verify that the ON/OFF footswitch is engaged (LED illuminated).
  - Adjust the VOLUME knob to an audible level.
- **Excessive Noise/Hum:**
  - Toggle the 'LIFT/GND' switch on the rear panel to the position that minimizes hum.
  - Ensure all power supplies are properly grounded.
  - Utilize the built-in noise reduction feature, adjusting its parameters via the NUX editor software.
  - Check for faulty cables or interference from other electronic devices.
- **Software/Firmware Issues:**
  - Ensure the correct drivers are installed for your operating system.
  - Download the latest NUX editor software and firmware from the official NUX website.

- Follow the specific instructions provided with the software for firmware updates and IR loading.

- **Distorted or Unwanted Tone:**

- Adjust the DRIVE and BLEND knobs to achieve the desired level of overdrive.
- Experiment with the 3-band EQ (BASS, MIDDLE, TREBLE) and FREQ knob to shape your tone.
- Check the DI OUT IR and OUT IR switches to ensure cabinet simulation is engaged or disengaged as desired.

## 8. SPECIFICATIONS

<b>Item Weight</b>	1.46 pounds
<b>Product Dimensions</b>	4.13 x 4.33 x 2.36 inches
<b>Item Model Number</b>	NBP-5
<b>Body Material</b>	Metal with Plastic Faceplate
<b>Color Name</b>	Black, Blue, Silver
<b>Connector Type</b>	XLR, USB
<b>Hardware Interface</b>	USB
<b>Signal Format</b>	Analog
<b>Material Type</b>	Metal, Plastic
<b>Power Source</b>	Corded Electric
<b>Voltage</b>	9 Volts
<b>Amperage</b>	30 Milliamps

## 9. WARRANTY INFORMATION

NUX products are covered by a limited warranty against defects in materials and workmanship for a period of one (1) year from the original date of purchase. This warranty applies only to the original purchaser and is not transferable. Proof of purchase is required for all warranty claims. The warranty does not cover damage caused by accident, misuse, abuse, neglect, unauthorized modification, or improper operation.

## 10. SUPPORT

For technical support, service, or further information regarding your NUX Melvin Lee Davis NBP-5 Bass Preamp Pedal, please visit the official NUX website or contact your local distributor. Online resources may include FAQs, updated manuals, and software downloads.