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› NUX Atlantic Multi Delay and Reverb Effect Pedal User Manual

NUX NDR-5

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MODEL: NDR-5

Introduction

The NUX Atlantic Multi Delay and Reverb Effect Pedal (Model NDR-5) is a versatile guitar effects unit designed to provide a wide range of delay and reverb sounds. It integrates classic delay types such as 60's Tape-Echo, 70's BBD Analog Delay, and 80's Digital Delay, alongside various reverb effects including Spring, Plate, and Hall. Utilizing NUX's Core Image Technology, the pedal also offers modern effects like Shimmer and Freeze, inspiring creative musical expression. Its patented Smart TAP function simplifies tempo control and effect activation.



Figure 1: Front view of the NUX Atlantic pedal, showcasing its control layout with red knobs for Level, Time, Repeat, and Decay, along with two footswitches labeled "Smart TAP" and "Hold For Shimmer".

Setup and Connections

Before operating the NUX Atlantic pedal, ensure proper connections are made to your amplifier, instrument, and power supply. The pedal requires a DC power supply (not included) and features stereo input and output capabilities for enhanced sound routing.

- **Power Supply:** Connect a compatible DC power supply to the "DC 9V" input jack. Ensure the power supply meets the pedal's voltage and amperage requirements (9V DC, 100 Milliamps).
- **Instrument Input:** Connect your instrument (e.g., guitar) to the "INPUT" jack. The pedal supports both mono and stereo input configurations. For stereo input, use a TRS cable.
- **Output to Amplifier:** Connect the "STEREO" output jacks to your amplifier or audio interface. Use both outputs for

stereo effects or the "MONO" output for a single channel.

- **Input Level Toggle:** Adjust the "+4 dB / -10 dB" toggle switch based on your instrument's output level. "+4 dB" is suitable for high impedance signals, while "-10 dB" is for low impedance signals.
- **Send/Return Connection:** For integrating the Atlantic pedal into an existing effects chain via a send/return loop, use a TRS cable plugged into the pedal's input with a "Y" cable or "Insert" cable.



Figure 2: Side view of the NUX Atlantic pedal, illustrating the input, stereo/mono outputs, USB port, and DC 9V power input. The input level toggle switch is also visible.

Operating the Pedal

The NUX Atlantic pedal offers intuitive controls for shaping your delay and reverb sounds. Familiarize yourself with the knobs and switches to unlock its full potential.

Controls Overview:

- **Delay Section:**
 - **Level (Delay):** Adjusts the volume of the delay effect.
 - **Time:** Controls the delay time, from short slap-back to long, ethereal repeats.
 - **Repeat:** Sets the number of delay repeats, from a single echo to infinite feedback.

- **Delay Type Switch:** Toggles between 70's Analog, 60's Tape, and 80's Digital delay modes.
- **Reverb Section:**
 - **Level (Reverb):** Adjusts the volume of the reverb effect.
 - **Decay:** Controls the length of the reverb tail.
 - **Reverb Type Switch:** Toggles between Spring, Plate, and Hall reverb modes.
- **Smart TAP Footswitch:** Tap this footswitch to set the delay tempo. Holding it down can also toggle the delay effect on/off depending on context.
- **Hold For Shimmer Footswitch:** Activates the Shimmer effect when held down. This footswitch also controls the reverb on/off.

Advanced Features:

- **Inside Routing:** The pedal allows for internal routing control, enabling you to choose whether the delay or reverb effect comes first in the signal chain. Refer to the official NUX documentation or firmware update instructions for detailed routing configurations.
- **Shimmer Effect:** Activated by holding the "Hold For Shimmer" footswitch, this effect adds an octave-up pitch shift to the reverb tail, creating a lush, ethereal sound.
- **Freeze Effect:** The pedal is capable of a Freeze effect, which sustains the current reverb sound indefinitely. Consult the latest firmware documentation for activation methods.
- **Firmware Updates:** It is recommended to update the pedal's firmware from the official NUX website to ensure optimal performance and access to the latest features and bug fixes.

Specifications

Attribute	Value
Item Weight	1.3 pounds
Product Dimensions	5.28 x 2.76 x 5.47 inches
ASIN	B07PZDTZFL
Item Model Number	NDR-5
Color Name	black
Hardware Interface	1/4-inch Audio
Signal Format	Digital
Power Source	DC Power Supply
Voltage	9 Volts (DC, typical for pedal operation)
Amperage	100 Milliamps
Brand	NUX
Style	Delay, Reverb, Rock

Maintenance

To ensure the longevity and optimal performance of your NUX Atlantic pedal, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the pedal's exterior. Avoid using abrasive cleaners, solvents, or excessive moisture, which can damage the finish or internal components.
- **Storage:** When not in use for extended periods, store the pedal in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Power:** Always disconnect the power supply when the pedal is not in use or during thunderstorms to prevent electrical damage.
- **Physical Protection:** Protect the pedal from physical shocks, drops, and excessive force on knobs or footswitches.

Troubleshooting

If you encounter issues with your NUX Atlantic pedal, consider the following troubleshooting steps:

- **No Sound Output:**
 - Ensure all cables (instrument, amplifier, power) are securely connected.
 - Verify the power supply is functioning correctly and providing the correct voltage and amperage.
 - Check the input level toggle switch (+4 dB / -10 dB) is set appropriately for your instrument.
 - Bypass the pedal to confirm your instrument and amplifier are working independently.
 - If the issue occurs intermittently upon power-up, try disconnecting and reconnecting the power adapter.
- **Unwanted Noise/Hum:**
 - Use a high-quality, regulated power supply specifically designed for guitar pedals.
 - Ensure all cables are shielded and in good condition.
 - Check for ground loops in your setup.
- **Effects Not Engaging:**
 - Confirm the footswitches are fully depressed when engaging/disengaging effects.
 - Check the Level knobs for both Delay and Reverb sections are not set to minimum.

If these steps do not resolve the issue, contact NUX customer support or your authorized dealer for further assistance.

Warranty and Support

For information regarding warranty coverage, product registration, or technical support, please refer to the official NUX website or contact their customer service department. Keep your proof of purchase for any warranty claims.

Official NUX Website: www.nuxefx.com