

NUX Loop Core Stereo

NUX Loop Core Stereo Guitar Looper Pedal Instruction Manual

Model: Loop Core Stereo

INTRODUCTION

The NUX Loop Core Stereo Guitar Looper Pedal is a versatile and powerful tool designed for guitarists and musicians. It offers extensive recording capabilities, built-in rhythm tracks, and flexible output options for various setups. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Loop Core Stereo pedal.

KEY FEATURES

- High-definition color LCD display for clear visual feedback.
- Up to 6 hours of stereo recording time.
- 99 user memories for saving and recalling loops.
- Built-in rhythm tracks with 50 diverse patterns.
- Split output functionality for sending signals to two amplifiers.
- Cab simulation for direct output to a mixer or audio interface.
- Integrated MIDI control for advanced integration.
- High-quality audio processing: 44.1kHz sampling rate, 24-bit A/D converter, 32-bit floating signal processing.
- Flexible input/output options: Mono/L/R inputs, Mono/L/R/Phones outputs.

SETUP GUIDE

Package Contents

Before you begin, ensure all items are present:

- NUX Loop Core Stereo Pedal
- User Manual (this document)
- MIDI Cable (included as per product features)
- *Note: A 9V DC power supply is required and sold separately.*

Connecting the Pedal

1. **Power Connection:** Connect a 9V DC power adapter (center negative) to the DC 9V input jack on the pedal.
2. **Instrument Input:** Connect your guitar or instrument to the "IN A (MONO)" input jack. For stereo input, connect a second instrument or stereo source to "IN B".
3. **Amplifier/Mixer Output:**
 - For mono output, connect "OUT A (MONO)" to your amplifier or mixer.
 - For stereo output, connect "OUT A (MONO)" to your left amplifier/mixer input and "OUT B" to your right amplifier/mixer input.
 - For split output (e.g., drums to one amp, guitar to another), use "OUT A (MONO)" and "OUT B" as desired.
4. **Headphones:** Connect headphones to the dedicated headphone jack for silent practice.
5. **USB Connection:** Connect the pedal to your computer via the USB port for firmware updates or managing saved loops.
6. **MIDI Connection:** Use the MIDI IN/OUT ports for external MIDI control or synchronization with other MIDI devices.



Figure 1: Front view of the NUX Loop Core Stereo Pedal, showing the input and output jacks, footswitch, and control knobs.



Figure 2: Top-down view of the NUX Loop Core Stereo Pedal, highlighting the color LCD display, control buttons, and VALUE/VOL knob.

OPERATING INSTRUCTIONS

Basic Looping Functions

1. **Start Recording:** Press the footswitch once to begin recording your loop. The REC indicator will light up.

2. **Stop Recording/Start Playback:** Press the footswitch again to stop recording and immediately start playback of your recorded loop. The PLAY indicator will light up.
3. **Overdub:** During playback, press the footswitch once to enter overdub mode. You can now record additional layers over your existing loop. The DUB indicator will light up. Press the footswitch again to exit overdub mode and continue playback.
4. **Undo/Redo Last Overdub:** Hold down the footswitch briefly to undo your last overdub. Hold it down again to redo the undone overdub.
5. **Stop Playback:** Double-press the footswitch to stop playback.
6. **Erase Loop:** While the loop is stopped, hold down the footswitch for 2 seconds to erase the current loop.

Rhythm Tracks

The Loop Core Stereo includes 50 built-in rhythm patterns to accompany your loops.

- **Access Rhythm Styles:** Hold down the "DRUM/STYLE/TEMPO" button to enter the drum style selection menu.
- **Select Rhythm:** Turn the "VALUE/VOL" knob to browse through the available rhythm styles.
- **Adjust Tempo:** Press the "TAP TEMPO" button repeatedly to set the desired tempo for the rhythm track.
- **Adjust Rhythm Volume:** Double-press the "VALUE/VOL" knob to access the drum level control. Turn the knob to adjust the rhythm volume independently.

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Video 1: Demonstrates basic looping functions including recording, overdubbing, and adjusting rhythm tracks on the NUX Loop Core Stereo pedal. This video is provided by the seller, Everplay Music.

Saving and Managing Loops

The pedal features 99 user memories to store your creations.

- **Save Loop:** Press the "SAVE/DEL" button once to save the current loop to a memory slot. Use the "VALUE/VOL" knob to select a slot and press the button again to confirm.
- **Recall Loop:** Turn the "VALUE/VOL" knob to select a saved loop number. The display will show the selected memory. Press the footswitch to start playback.
- **Delete Loop:** Hold down the "SAVE/DEL" button for 2 seconds. Use the "VALUE/VOL" knob to select the loop you wish to delete and press the button again to confirm.

Advanced Features

- **Cab Simulation:** The pedal includes cabinet simulation for direct output to a mixer or audio interface, providing a studio-quality tone without needing an amplifier. This feature is automatically applied to the "OUT A (MONO)" and "OUT B" outputs when connected to a mixer.
- **MIDI Control:** The Loop Core Stereo supports MIDI control for seamless integration with other MIDI-compatible devices. Refer to the detailed MIDI implementation chart in the full manual for specific CC messages and functionalities.
- **Time Stretch:** The pedal allows you to change the playback tempo of your recorded phrases without altering the key, enabling flexible practice and performance options.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal's surface. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures.
- **Power Supply:** Always use a compatible 9V DC center-negative power supply to prevent damage. Disconnect power when not in use for extended periods.
- **Firmware Updates:** Periodically check the official NUX website for firmware updates to ensure optimal performance and access new features. Updates can typically be installed via the USB connection.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/Pedal not turning on.	Incorrect power supply or faulty connection.	Ensure a 9V DC center-negative power supply is correctly connected. Check the power outlet.
No sound output.	Incorrect cable connections, low volume, or incorrect input/output selection.	Verify all audio cables are securely connected. Check the "VALUE/VOL" knob on the pedal and your amplifier/mixer volume. Ensure correct input (Mono/L/R) and output (Mono/L/R/Phones) are used.
Loops are distorted or noisy.	Input signal too hot (clipping) or faulty cables.	Reduce the input level from your instrument. Try different cables.
Rhythm track not playing.	Rhythm volume is too low or rhythm is not activated.	Double-press the "VALUE/VOL" knob to adjust the drum level. Ensure a rhythm style is selected and activated.
Cannot save or delete loops.	Memory full or incorrect operation.	Ensure you are following the correct steps for saving/deleting. If memory is full, delete old loops to free up space.

SPECIFICATIONS

- **Sampling Rate:** 44.1kHz
- **A/D Converter:** 24-bit
- **Signal Processing:** 32-bit floating
- **Recording Time:** Up to 6 hours (Stereo)
- **User Memories:** 99
- **Rhythm Patterns:** 50
- **Input:** Mono/L/R (1/4" TS Jack)

- **Outputs:** Mono/L/R (1/4" TS Jack), Phones (1/8" TRS Jack)
- **Control:** Footswitch, Control Buttons, VALUE/VOL Knob
- **Connectivity:** USB (Mini-B), MIDI IN/OUT (5-pin DIN)
- **Power:** 9V DC, Center Negative (Power adapter sold separately)
- **Dimensions:** 3.94 x 2.24 x 5.98 inches (100 x 57 x 152 mm)
- **Weight:** 14.4 ounces (408 grams)
- **Color:** Black/Yellow

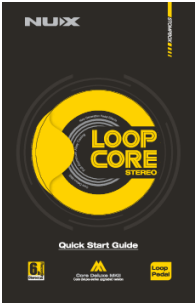



WARRANTY AND SUPPORT

NUX products are designed for reliability and performance. For warranty information, technical support, and service inquiries, please refer to the official NUX website or contact your local distributor. Keep your purchase receipt as proof of purchase for warranty claims.

For the latest information and resources, visit: www.nuxefx.com

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Related Documents - Loop Core Stereo

	<p>NUX Loop Core Stereo: Quick Start Guide</p> <p>A concise guide to connecting and operating the NUX Loop Core Stereo, a versatile guitar loop pedal with stereo capabilities, MIDI control, and customizable boot-up features.</p>
	<p>NUX DUAL LOOP STEREO Pedal: User Guide and Specifications</p> <p>Comprehensive guide to the NUX DUAL LOOP STEREO pedal, covering its features, control panel, input/output jacks, connection options, usage instructions, USB functionality, technical specifications, and package contents. Ideal for guitarists and singer-songwriters seeking creative looping and rhythm accompaniment.</p>
	<p>NUX Loop Core Stereo: Benutzerhandbuch für das Effektpedal</p> <p>Detailliertes Benutzerhandbuch für das NUX Loop Core Stereo Effektpedal. Erfahren Sie mehr über Funktionen, Bedienung, Anschlüsse, MIDI-Steuerung und Spezifikationen.</p>
	<p>NUX Loop Core Stereo: Quick Start Guide and Features</p> <p>Learn how to use the NUX Loop Core Stereo, a powerful stereo looper pedal with high-definition LCD, MIDI control, and customizable boot-up images. This guide covers connections, functions, and basic operation.</p>



[NUX Loop Core Stereo MKII Benutzerhandbuch | Gitarren Looper Pedal](#)

Umfassendes Benutzerhandbuch für das NUX Loop Core Stereo MKII Gitarren Looper Pedal. Erfahren Sie mehr über Funktionen, Bedienung, Anschlüsse, MIDI-Steuerung und Spezifikationen.



[NUX Loop Core Stereo User Manual - Looper Pedal Guide](#)

Comprehensive user manual for the NUX Loop Core Stereo, a versatile looper pedal with stereo I/O, MIDI control, 99 memory slots, 6 hours recording time, and 50 built-in drum patterns. Learn setup, operation, MIDI control, and firmware updates.