

NUX Loop Core

NUX Loop Core Guitar Effect Pedal Instruction Manual

Model: Loop Core

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1. PRODUCT OVERVIEW

The NUX Loop Core is a versatile guitar effect pedal designed for recording and playing back musical phrases as loops. It features extensive recording time, numerous user memories, and built-in drum patterns to enhance practice, composition, and live performances. This manual provides detailed instructions for its proper use and maintenance.





Figure 1: Top-down view of the NUX Loop Core pedal, highlighting its controls and connections.

2. SETUP

Follow these steps to set up your NUX Loop Core pedal:

1. **Power Connection:** Connect a 9V DC negative tip power adapter (not included) to the 'DC 9V' input on the top of the pedal. Alternatively, insert a 9V battery into the battery compartment.
2. **Instrument Input:** Connect your guitar or other instrument to the 'In' jack on the right side of the pedal using a standard 1/4-inch instrument cable.
3. **Audio Output:** Connect the 'Out L' (mono) or 'Out L' and 'Out R' (stereo) jacks to your amplifier, mixer, or audio interface. The 'Out L' jack also indicates 'Power On' when the pedal is active.
4. **Auxiliary Input:** For stereo input, connect an external audio source (e.g., MP3 player, smartphone) to the 'AUX IN (Stereo IN)' jack on the top of the pedal.
5. **Control Input:** An optional external foot controller can be connected to the 'Ctrl In' jack for additional hands-free

control.

6. **USB Connection:** Connect the pedal to a computer via the 'USB' port for importing/backing up phrases.

3. OPERATING INSTRUCTIONS

3.1 Basic Looping Functions

- **Record:** Press the footswitch once to start recording. The 'REC' LED will illuminate red.
- **Overdub:** After recording, press the footswitch once again to enter overdub mode. The 'DUB' LED will illuminate orange, allowing you to add new layers to your loop.
- **Playback:** Press the footswitch once more to stop overdubbing and play back the loop. The 'PLAY' LED will illuminate green.
- **Stop:** Double-press the footswitch to stop playback.
- **Undo/Redo:** To undo the last overdub, press and hold the footswitch. To redo, press and hold again.

3.2 Drum Patterns and Tempo

- **Select Drum Pattern:** Use the 'RHYTHM' button and the 'PHRASE' up/down buttons to select from 40 built-in drum patterns.
- **Rhythm Volume:** Adjust the volume of the drum pattern using the 'RHYTHM' knob.
- **Tap Tempo:** Tap the 'TAP TEMPO' button multiple times to set the desired tempo for the drum pattern.
- **Tempo Adjustment:** The playback tempo of recorded phrases can be changed without altering the key.

3.3 Saving and Managing Loops

- **Save:** Press the 'SAVE/DELETE' button to save your current loop. Use the 'PHRASE' up/down buttons to select one of the 99 user memory slots, then press 'SAVE/DELETE' again to confirm.
- **Delete:** To delete a loop, select the desired memory slot, then press and hold the 'SAVE/DELETE' button.
- **Switching Phrases:** Use the 'PHRASE' up/down buttons to navigate between saved loops. The pedal allows for seamless switching without latency.

3.4 Advanced Features

- **Start/Stop Modes:** The 'STOP MODES' button allows selection of different loop ending behaviors (Normal, Finish, Fade Out).
- **Auto-Start Mode:** The Loop Core can be set to automatically start recording when it detects an instrument input, useful for precise timing.
- **USB Connectivity:** Connect to a computer via USB to import and backup recorded phrases as .WAV files.
- **AUX In:** Import audio from external devices for looping or accompaniment.

Your browser does not support the video tag.

Video 1: Official demonstration of the NUX Loop Core Guitar Looper Pedal's features and functionality.

4. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the pedal in a dry environment away from extreme temperatures and direct sunlight.
- **Battery Replacement:** If using battery power, replace the 9V battery when the power indicator dims or the pedal's performance is affected.
- **Cable Care:** Ensure all cables are in good condition and properly connected to prevent signal loss or damage.

5. TROUBLESHOOTING

- **No Power:** Check the 9V DC power adapter connection or replace the 9V battery. Ensure the power source meets the specified requirements.
- **No Sound:** Verify all instrument cables are securely connected to the input and output jacks. Check amplifier settings and volume levels.
- **Loop Not Recording/Playing:** Ensure the correct mode (REC, DUB, PLAY) is active as indicated by the LEDs. Double-check footswitch operation.
- **Distorted Sound:** Adjust input and output levels to prevent clipping. Check instrument and amplifier settings.
- **USB Connection Issues:** Ensure the USB cable is properly connected to both the pedal and the computer. Try a different USB port or cable.

6. SPECIFICATIONS

Feature	Specification
Sampling Frequency	44.1K
A/D Converter	20bit
Signal Processing	16bit
Frequency Response	20Hz-20KHz
Input Impedance	1MΩ
AUX IN Impedance	33KΩ
Output Impedance	10KΩ
Display	LED
Power	9V DC Negative Tip (ACD-008A Adapter or 9V Battery)
Dimensions (L x W x H)	122 x 64 x 48 mm (4.8 x 2.5 x 1.9 inches)
Weight	265 grams (9.3 ounces)

Feature	Specification
Recording Time	Up to 6 hours
User Memories	99
Drum Patterns	40 built-in
Connectivity	USB, AUX IN, Ctrl In

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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