

NUX
MINI CORE SERIES



www.nuxaudio.com
Made in China

NOL-1 A/B ROLL Octave & Loop
User manual

Copyright

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Accuracy

Whilst every effort has been made to ensure the accuracy and content of this manual, Cherub Technology Co., Ltd. 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!

Overview

Thank you for choosing the NUX A/B ROLL Octave & Loop pedal, your recording loop effect with polyphonic low octaves, automatic recording, and IR cabinet emulation. It's not only suitable for daily practice and improvisation, but also for a variety of performance occasions.

It comes with 7 pre-set guitar/bass IR cab sim slots, which can directly call up different tonal styles. Connect to a computer via a USB port, and use the "IR Manager" editor to reconcile and replace third-party IR files.

When using recording loops, polyphonic lower octaves can be overlaid to make the overall phrase more layered and fuller. Combining different cabinet IR simulations, makes it easy to create a wide range of tonal variations.

In addition, Auto Recording mode allows you to start recording automatically without having to step on a foot-switch when you start playing. This allows you to dramatically improve the operating experience and allows you to focus more on playing.

Whether you're practicing, creating, or performing, the NUX A/B ROLL Octave & Loop pedal delivers the kind of high level play-ability that unleashes your creative expression.

Operation



Control Panel

RECORDING MODE BUTTON / LIGHT

When using the recording loop, you can use this Button / Light to switch between "Normal Rec" or "Auto Rec" .

BLUE LIGHT (Normal Rec) : As with other recording loop effects, recording starts as soon as you step (press) the footswitch.

RED LIGHT (Auto Rec) : When you FOOT (press) the footswitch, the MAIN indicator will flash RED and GREEN and the recording will automatically start when the detected input signal reaches its threshold. (MAIN INDICATOR LIGHT turns RED during RECORDING)

THRESHOLD ADJUSTMENT for "Auto Rec" mode:

1. Press and hold the "Recording Mode Button / Light" until FLASHES.
2. Turning the "SUB" knob CLOCKWISE increases the threshold size (requires more intense playing to activate Auto Rec). Turn the knob to any test level and .
3. Test your threshold level by playing at your desired input intensity. If your playing input intensity reaches the set threshold size / knob setting, the MAIN indicator will light up RED.
4. To save your adjustment and exit the setting, click the "Recording Mode Button / Light" again.

LEVEL knob

Adjust the volume of the loop phrase when playing.

SUB knob

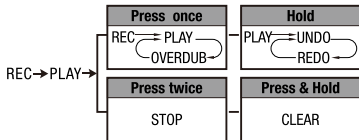
Adjust the volume level of the lower octave of polyphony.

IR knob

Choose the IR slots or dry output you need.

FOOTSWITCH & INDICATOR

- Press the footswitch once to start recording the loop phrase (red light), and press again to end the recording and start playback (green light).
- Press the footswitch once to start the overdub (yellow light) while playing, and then press once again to end the overlay and start playback (green light).
- During playback after overlay, press the footswitch to undo (flash red light) / redo (flash green light) the newly recorded phrase.
- Quickly press the footswitch twice while playing to stop the playback (flash green light), then press the footswitch to clear the entire loop phrase (flash red light).



I/O Jacks

DC jack

Use only 9V negative tip power with more than 100mA. We recommend that you opt for the NUX ACD-006A power adapter, as using an incompatible power adapter may cause noise or even malfunction.

INPUT Jack

1/4" signal input jack, please connect the guitar to this jack.

OUTPUT Jack

1/4" signal output jack, please connect the guitar amp to this jack.

HEADPHONE jack

1/8" headphone output jack, which can be connected to headphones for silent practice.

HEADPHONE jack volume adjustment:

1. Press and hold the "Recording Mode Button / Light" until FLASHES.
2. Turn the "LEVEL" knob to adjust the headphone output volume.
3. After the adjustment is done, click "Recording Mode Button / Light" again to exit the setting.

USB-C port

Supports USB AUDIO, supports OTG audio streaming, and connects to a computer to use the "IR Manager" editor.



⚠ TIPS:

Some mobile devices may require an OTG adapter to connect with the pedal.

IR Manager editor

By connecting to a computer, you can use the software to adjust and replace third-party IR files.

1. Please go to the product page of the www.nuxaudio.com website to download the "IR Manager" editor.
2. Connect to the computer through the USB-C port of the device.
3. Open the software, click on the settings ⚙, and select "NUX NOL-1".
4. Once the connection is successful, you can start using it.



IR Manager



Settings

MIDI

Input NUX NOL-1
Output NUX NOL-1

REFRESH

About

Version: 2.2.12.28

Firmware: 202411081550

CANCEL

OK

Factory Reset

While holding down both the footswitch and the "Recording Mode Button / Light", plug in the DC power supply.

The device will now perform a factory reset.

Features

- Polyphonic lower octave timbre
- Preset 7 IR slots
- IR loader and editor
- Auto recording mode
- Support OTG audio stream
- 1/8" Phones Out
- 24-bit high quality audio recording
- Up to 6 minutes recording, unlimited overdubs

Specifications

- Input Impedance: 1 M Ω
- Output Impedance: 10 k Ω
- Dynamic Range: 103 dB
- DSP Processing: 48 kHz / 32 bit
- A/D D/A Sampling Rate: 48 kHz / 24 bit
- Power: 9V DC (Negative tip, Optional ACD-006A adapter)
- Current Draw: less than 100 mA
- Dimensions: 94mm(L) x 51mm(W) x 53mm(H)
- Weight: 175 g

Accessories

- Owner's manual

* Specification may change without notice.

THE FCC REGULATION WARNING (for U.S.A.)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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