Owner's Manual

OCTAVE LOOP

Infinite Layers with Bass-line

NUX

www.nuxefx.com

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

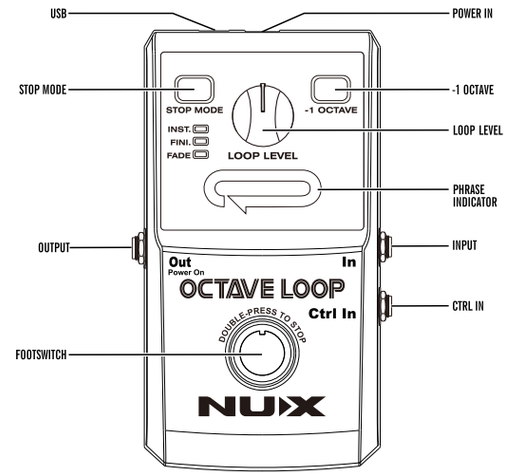
Thank you for selecting the NUX products!

OCTAVE LOOP is a simple and professional loop pedal that gives you 24bit uncompressed recording quality. Whether positioned in before or after the effect-chain, OCTAVE LOOP will maintain the original tone of your sound! The newly designed arrow display lets you actually "see" the recording. Its built-in -1 Octave effect allows the guitar to play the bass line. Like its brother, the popular NUX LOOP CORE, OCTAVE LOOP also offers user 3 types of Stop Modes. OCTAVE LOOP is designed for stage!

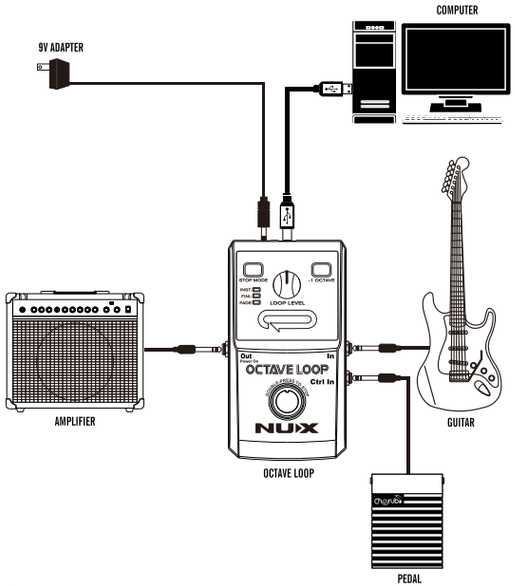
Features

- 5 mins Recording Time
- 24-bit Uncompressed Recording
- Arrow Display Lets You Actually See the Recording
- True-Bypass
- Built-in -1 Octave Effect
- 3 Stop Modes

Product Description



Connection



Power In
Connect a 9V (negative tip) adaptor. Optional NUX ACD-006A is recommended.

NOTE: NUX ACD-008A Power Adaptor is strongly recommended. Using other power supplier may cause mal-function or damage to the unit.

USB
For Firmware Updating.

In
This is the input jack for plugging the guitar or the output of another pedal.

Out
This outputs the signal to a guitar amplifier or the input of another pedal.

NOTE: Out jack is also the power trigger, so make sure the In jack is always connected to keep the power on.

Ctrl In
Using a single-switch pedal (optional Cherub WTB-004) as the Stop/Clear switch or the switch to turn On/Off the Octave effect.

In
This is the input jack for plugging the guitar or the output of another pedal.

Out
This outputs the signal to a guitar amplifier or the input of another pedal.

NOTE: Out jack is also the power trigger, so make sure the In jack is always connected to keep the power on.

Using Effects

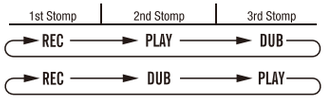
- **STOP MODE**
  Press this button to change the way to stop playback. OCTAVE LOOP offers 3 stop modes to finish playback after you stomping the footswitch to stop:

INST.	Stop instantly
FINI.	Stop at the end of the current playback
FADE	Fade out in 10 seconds

- **-1 OCTAVE**
  Press this button to turn On/Off the -1 Octave effect. This effect is positioned before the Looper. You can also use an extensional footswitch to turn On/Off the -1 Octave effect (see Extension Footswitch).
- **LOOP LEVEL**
  This knob adjusts the playback volume of your recording.
- **ARROW DISPLAY**
  It shows the working status of the looper.

Create a Phrase Loop

There are two types of working sequence as you stomp on the footswitch:



TO CHANGE THIS SEQUENCE
The default working sequence is REC-PLAY-DUB. When you power on the OCTAVE LOOP, the **Red lights** of arrow display will quickly move forward (clockwise) once. It means you are under the default sequence. If you want to change the working sequence to REC-DUB-PLAY, you can hold the footswitch while powering on the OCTAVE LOOP. The **Red lights** of arrow display will quickly move forward (counterclockwise) once. It means you are under REC-DUB-PLAY sequence.

NOTE: You need to plug a cable into the Out jack and connect the power adaptor to power on the OCTAVE LOOP.

UNDO/REDO
You can hold the footswitch for 2 seconds to Undo/Redo the last layer of recording during overdubbing or playback.

STOP/CLEAR
Press the footswitch twice within 1 second to stop dubbing or playback. Press the footswitch again to continue the playing. Hold the footswitch for 2 seconds after stop can clear all the layers of recording.

AUTO RECORDING MODE
Before you record anything, press and hold STOP MODE button for 2 seconds to temporarily enter Auto Recording mode. Under this mode, the first time you stomp the pedal will enter recording standby status. OCTAVE LOOP automatically starts recording as soon as it detects sound signal from In jack. Hold the STOP MODE button again to change it back to normal recording mode. The 3 LED lights of stop modes will blink for a very short time to confirm the changing of recording mode.

Display Discription

STATU	DISCRIPTION
Recording Standby	Under Auto Recording Mode, a **Red** light from the beginning of the arrow display will be "on" once you stomp the footswitch, which means you enter recording standby status. It will start recording once it detects input audio signal.
REC (First Layer)	Once it starts the first layer recording(both recording modes),the Red light start to flash, each LED stands for around 10 seconds. After 3 minutes recording, the last red light flash for the last two minutes until it ends and enter to the playback mode automatically.
Playback	**Green** lights go around the arrow. The beginning and the end of the arrow match the recording.
Overdub	Both **Green** and **Red** lights go around the arrow.
Undo	A group of **Red** lights quickly move backward (counterclockwise) once.
Redo	A group of **Red** lights quickly move forward (clockwise) once.
Clear	The whole arrow becomes red and blinks.
Running out of Battery	When only one of the upper part of the arrow flash,that means the pedal is nearly running out of the battery.

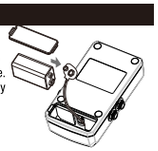
Extensional Footswitch

A Cherub WTB-004 footswitch can be used as a STOP/CLEAR switch or the switch to turn On/Off the Octave effect. Press and hold the -1 OCTAVE button for 2 seconds to change the footswitch function(when the changing is completed, the light of -1 OCTAVE will blink once):

STOP/CLEAR(Default)	-1 OCTAVE
During Playback, Overdub, Recording, press it once to stop. During Stop, hold it for 2 sec to clear recording.	Press it to turn On/Off -1 OCTAVE effect.

About Battery

A 9V battery is included in the package in purpose of testing. If it is powered by battery, change a new battery when the LED goes dim. To save battery life, unplug the cable from the In jack when it is not in use. A high quality pedal power adaptor (optional NUX ACD-006A) is strongly recommended.



Specifications

- Input: In (1/4" jack, mono)
- Input Impedance: 1MΩ
- Output: Out (1/4" jacks, mono)
- Output Impedance: 1kΩ
- EXT. SW: In (1/4" jacks, mono)
- Frequency Response: 20HZ-20KHZ
- THD + N: 0.04%
- Dynamic Range: 96DB
- Residual Noise Level :-95dBu
- Power Consumption: 55mA-60mA
- Power Supply: 9V Battery, or AC adaptor to the DC 9V (optional NUX ACD-006A)
- Dimensions: 122mm (L) x 72mm (W) x 47mm (H)
- Weight: 270g

*Specification may change without notice.

Precautions

- Environment:
  1.Do NOT use the OCTAVE LOOP in high temperature, or high humidity, or subzero environments.
  2.Do NOT use the OCTAVE LOOP in the direct sunlight.
- Please do NOT disassemble the OCTAVE LOOP by yourself.
- Please keep this manual for future reference.

Accessories

- One 9V battery (only for testing purpose)
- Owner's manual

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.

CE mark for European Harmonized Standards

CE Mark which is attached to our company's products of Battery mains the product is in fully conformity with the harmonized standard(s) EN 61000-6-3:2007+A1:2011 & EN 61000-6-1:2007 Under the Council Directive 2004/108/ EC on Electromagnetic Compatibility.

RoHS

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