NUX

STOMPBOX



User's Manual

CORE IMAGE

Core Deluxe Stompbox

Reverb Pedal

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FC CE RoHS UK CA

Made in China

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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

The NUX VERB CORE DELUXE is a reverb pedal with 8 different reverb types including Room, Hall, Plate, Damp, Shim, Spring, Tre-Verb and Mod Verb. You can select the reverb type by using the rotary switch.

Room reverb simulates a smaller acoustic space. In such a room, many reflections are absorbed by soft materials, and the sound is reflected and sustained only by the walls (covered with wallpaper), windows and maybe some furniture. Room reverb sounds most like the normal ambience we're used to hearing in the real world.

Hall reverb is based on the legendary Lexicon 224 which was unleashed in 1978. It has a famously lush reverb tail which single-handedly defined the sound of an entire era. A large encompassing reverb with warm decay.

Plate reverb was inspired by EMT 140, which made use of a metal plate suspended in a steel frame, that was able to recreate reverberations similar to those heard in an acoustic space; a renowned studio reverb found on classic recordings.

Damp reverb is huge and endless, warm and organic.

Shim (shimmer) reverb pitch shifts the reverb up an octave through each feedback loop, creating a haunting and other-worldly sound. This is a very unique effect that may open some interesting and experimental options.

Spring reverb simulates the spring tank that a mechanical disturbance generated in a spring by creating a mechanical oscillation. To achieve a “bouncy” tone, Spring reverb is a solid choice for adding a bottom-heavy dimension. Classic “surf” reverb; great for Rockabilly too!

Tre-Verb (Tremolo Verb) combines tremolo and spring reverb, it's like the vintage tube amplifier with warm tremolo and spring reverb atmosphere that really fills out your sound with classic depth and dimension.

Mod-Verb (Modulation Verb) combines gorgeous chorus with damp reverb, the huge reverb delivers a lush, ambience-soaked sound.

VERB CORE DELUXE offers True-bypass and Buffer-bypass (Tail), set the 3-way toggle switch to the desired position, and you're good to go. (Note: Please follow the connections, the relay will offer you correct sound with correct applications.) The T.Lock (Tone Lock) function is a quick way to store and lock your current parameter setting to prevent accident on the stage. After you set the parameters, just toggle the switch to T.Lock position, then the LED indicator will flash GREEN for 2 times to store and lock the parameters. Then you can engage or disengage the effect by the footswitch and no worry your foot to touch the knobs.

Core Deluxe

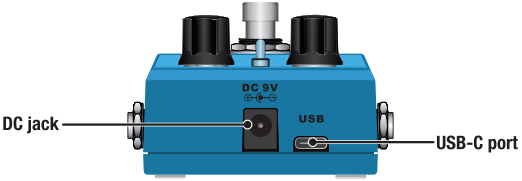
* *All of the brand and model names mentioned on this page are Trademarks of their respective owners, which are in no way associated or affiliated with NUX Effects and Cherub Technology Co., Ltd.*

Operation

Control Panel



I/O Jacks



Decay knob



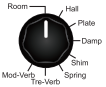
Adjusts the length of reverb time.

Level knob



Adjusts the mix level of reverb.

Reverb Type knob



Select the type of Reverb.

Tweak knob



Type	Room	Hall	Plate	Damp
Tweak	Tone	Liveliness	Tone	Tone
Type	Shim	Spring	Tre-Verb	Mod-Verb
Tweak	Shimmer	Tone	Tremolo	Modulation

Toggle switch



Toggle the switch to desired position to choose the function. Tail means Buffer-Bypass to keep the reverb with spillover while you disengage the effect. TB means True-Bypass, there is no spillover while you disengage the effect. T.Lock means Tone Lock. The T.Lock (Tone Lock) function is a quick way to store and lock your current parameter setting to prevent accident on the stage. After you set the parameters, just toggle the switch to T.Lock position, then the LED indicator will flash GREEN for 2 times to store and lock the parameters. Then you can engage or disengage the effect by the footswitch and no worry your foot to touch the knobs.

Footswitch & FS Indicator



Press once to engage/disengage the effect. While you engaged the effect, press and hold the footswitch can trigger Freeze function. (Hold For Surprise)

While the effect is engaged, the FS indicator will show “Red”. While the effect is disengaged, the FS indicator will turn off.



Kill Dry: Without USB connection, hold the footswitch to boot-up the pedal, if the LED indicator flash GREEN 3 times, the KILL DRY is engaged. If the LED indicator flashes RED 3 times, the KILL DRY is disengaged. (Normal)

DC jack



9V Negative Tip power with more than 150mA. （The power consumption is less than 120mA.)

USB-C port



The USB-C port is for firmware update. Connect USB cable to a PC and hold the footswitch to boot-up the device and to enter the DFU (Device Firmware Update) mode. Once connected you can do firmware updates using DFU updater software.

You can download the related firmware and firmware update guide from product page.

In jacks



The audio inputs on the right side of this pedal are standard 1/4" jacks (mono/TS). Connect your guitar to the In (mono) audio input on the right side of your pedal using a regular 1/4" instrument cable.

The pedal also accepts stereo signals using a pair of 1/4" TS cables.

For the Mono/Stereo connection applications, please check the Connections.

Out jacks



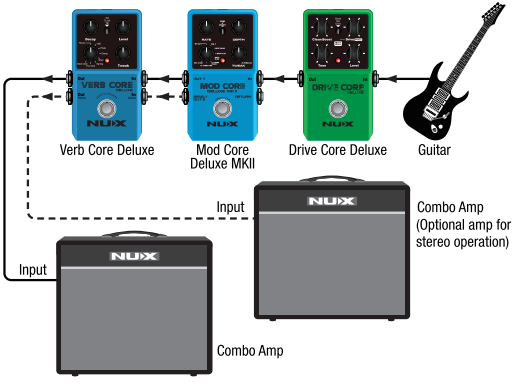
The audio outputs on the left side of this pedal are standard 1/4" jacks (mono/TS). Connect the audio output of your pedal to the next device in the signal chain, either with a single cable or with a pair of 1/4" cables if both inputs are used.

For the Mono/Stereo connection applications, please check the Connections.

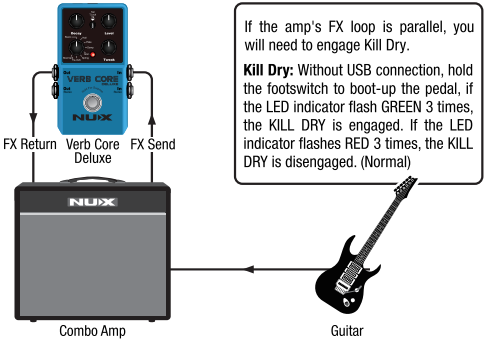
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Connections

1.To the amp's input.



2.In the amp's FX loop.



If the amp's FX loop is parallel, you will need to engage Kill Dry.

Kill Dry: Without USB connection, hold the footswitch to boot-up the pedal, if the LED indicator flash GREEN 3 times, the KILL DRY is engaged. If the LED indicator flashes RED 3 times, the KILL DRY is disengaged. (Normal)

Features

- 8 reverb types in the compact enclosure.
- Room, Hall, Plate, Damp, Shim, Spring, Tre-Verb, Mod-Verb.
- Holding Freeze.
- True-bypass or Buffer-bypass(Tails).
- Supports Stereo.
- Kill Dry.
- Low power consumption. (less than 120mA)
- Analog dry signal for low noise and zero latency.

Specifications

- Input Impedance: 1MΩ
- Output Impedance: 1kΩ
- Dynamic Range: 104 dB
- DSP Processing: 48kHz / 32-bit
- A/D D/A Sampling Rate: 48kHz / 24-bit
- Power: 9V DC(Negative tip, Optional ACD-006A adapter)
- Current Draw: 120mA
- Dimensions: 122mm(L) x 72mm(W) x 47mm(H)
- Weight: 270g

* Specification may change without notice.

Accessories

- Owner's manual
- NUX sticker

Warning

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

FCC Warning

This device complies with part 15 of the 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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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. The device has been evaluated to meet general RF exposure statement. The device can be used in portable exposure condition without restriction.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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