

# NUX

STOMPBOX



©Cherub Technology Co., Ltd.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of Cherub Technology Co., Ltd.

## User's Manual



Made in China



#### Copyright

Copyright 2023 Cherub Technology Co. All rights reserved. NUX and Verb Core Deluxe are trademarks of Cherub Technology Co. Other product names modeled in this product are trademarks of their respective companies that do not endorse and are not associated or affiliated with Cherub Technology Co.

#### 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!**

## 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.

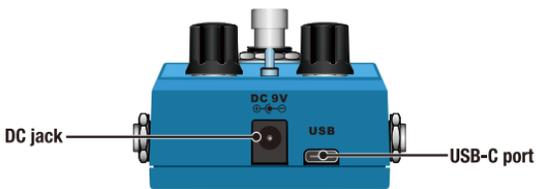
\* All of the brand and model names mentioned on this page are Trademarks of their respective owners, which are in no way associated or affiliated with NUX Effects and Cherub Technology CO. LTD.

# Operation

## Control Panel



## I/O Jacks



### Decay knob



Decay

Adjusts the length of reverb time.

### Level knob



Level

Adjusts the mix level of reverb.

### Reverb Type knob



Select the type of Reverb.

### Tweak knob



Tweak

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

DC 9V



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

## USB-C port

usb



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



In

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.



In Stereo

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



Out



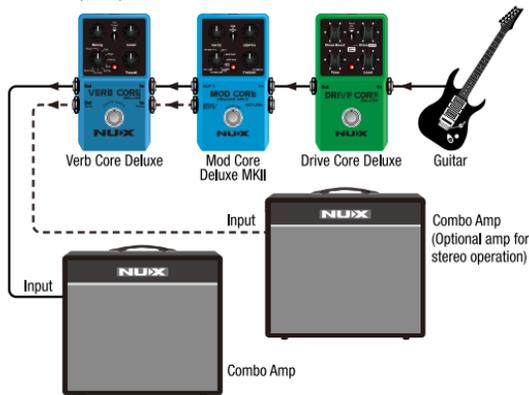
Out Stereo

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.

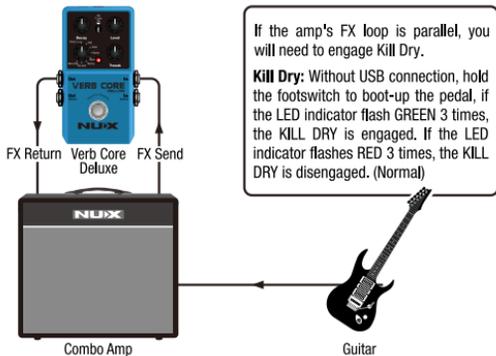
For the Mono/Stereo connection applications, please check the Connections.

## Connections

1. To the amp's input.



2. In the amp's FX loop.



## 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: 1M $\Omega$
- Output Impedance: 1k $\Omega$
- 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
- Warranty card
- 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.

©Cherub Technology Co., Ltd.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of Cherub Technology Co., Ltd.

## 产品简介

VERB CORE DELUXE是一款混响单块效果器。它搭载了8款不同的混响效果，包括Room, Hall, Plate, Damp, Shim, Spring, Tre-Verb和Mod Verb。您可以转动Reverb Type旋钮来切换所需混响效果。

**房间混响 (Room Reverb)** — 模拟小型声学空间，在这个空间里许多反射的声音会被空间内的柔性材料吸收，声音仅能通过贴有墙纸的墙壁、窗户还可能由部分家具反射传播。房间混响是最接近我们在日常生活中听到的普通环境音。

**大厅混响 (Room Reverb)** — 基于面世于1978年的传奇效果器Lexicon 224，它以丰富的混响尾音著称，以一己之力定义了一个时代的音色。

**平板混响 (Plate Reverb)** — 基于传奇的EMT140，这种混响被广泛应用于经典唱片的著名录音室混响。

**Damp混响** — 大而无穷，温暖且生动。

**Shim混响** — 将每个混响回馈升高一个八度从而创造一种萦绕、异次元音色，是一个有趣且值得尝试的选择。

**弹簧混响 (Spring)** — 模拟由弹簧装置产生的混响效果，音色极具张力。想要有“弹力”的音色？弹簧混响错不了。经典的“冲浪音乐 (Surf Music)”混响，极具摇滚性。

**颤音混响 (Tremolo Verb)** — 糅合了颤音和混响两种效果。类似于经典电子管音箱里那种温暖的颤音加弹簧混响所产生的饱满立体音色。

**调制混响 (Mod-Verb)** — 结合了华丽合唱效果及Damp混响，音色丰富沉浸感强。

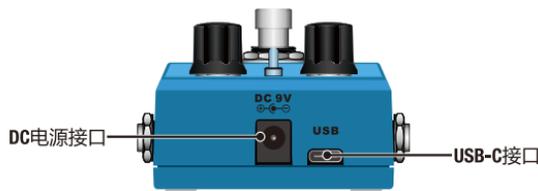
\*本说明书中所提及的产品名称、注册商标和公司名称属于其各所有者，与纽克斯效果器或深圳市蔚科电子科技有限公司无任何关联或附属关系。提及仅用于功能或特性说明，而非侵犯其各所有者的各项权利。

## 操作说明

### 控制面板



### 接口



### Decay旋钮



Decay

调节混响效果的衰减时间。

### Level旋钮



Level

调节混响效果的干湿比例。

### Reverb Type旋钮



选择混响效果类型。

### Tweak旋钮



Tweak

混响类型不同，功能不同。

混响类型	Room	Hall	Plate	Damp
Tweak旋钮	Tone	Liveliness	Tone	Tone
混响类型	Shim	Spring	Tre-Verb	Mod-Verb
Tweak旋钮	Shimmer	Tone	Tremolo	Modulation

### 三档拨挡开关



Tail档位	缓存直通 (Buffer Bypass) 带尾音保留，效果器关闭后混响效果仍会持续一小段时间。
T.Lock档位	一种便捷的方式来保存并锁定当前设置，可以防止演出中误操作。设置好参数后，将三段拨挡开关拨动到此档位，踩钉LED指示灯会呈绿色闪烁两次，同时锁定并保存当前参数设置。

### TB档位

真直通 (True Bypass) 无尾音保留，效果器关闭后混响效果会立即停止。

### 踩钉和踩钉指示灯



踩一次可以激活或关闭效果器。当效果器处于激活状态时，踩钉LED指示灯会呈红色常亮状态；反之当效果器处于关闭状态，踩钉LED指示灯熄灭。

当效果器处于激活状态时，踩住踩钉可触发 Freeze功能 (Hold for Surprise)。

### KILL DRY功能设置

开机前踩住踩钉然后再插入电源适配器即可激活 (关闭) KILL DRY功能。KILL DRY功能处于激活状态时，踩钉LED指示灯会呈绿色并闪烁三次；反之踩钉LED指示灯会呈红色并闪烁三次。

Hold For Surprise



### DC电源接口

DC 9V



请使用合格的、输出接口极性为内负外正的、9V电源适配器为本品供电。我们建议您选配NUX ACD-006A电源适配器，因为使用不兼容的电源适配器可能会引起噪音甚至功能故障。

### USB-C接口

USB



USB-C数据交换接口。

请使用合格的USB-C数据线将本品连接至您的电脑进行固件更新。产品新固件、固件更新指南请移步至我司官网Verb Core Deluxe产品页面查询及下载。

### 输入接口

In



单声道输入In接口，使用一根单声道6.35mm乐器连接线连接。

In Stereo



立体声输入In接口+In Stereo接口，使用一对单声道6.35mm乐器连接线连接。

## 输出接口



Out

单声道输出Out接口，请使用一根单声道6.35mm乐器连接线连接。

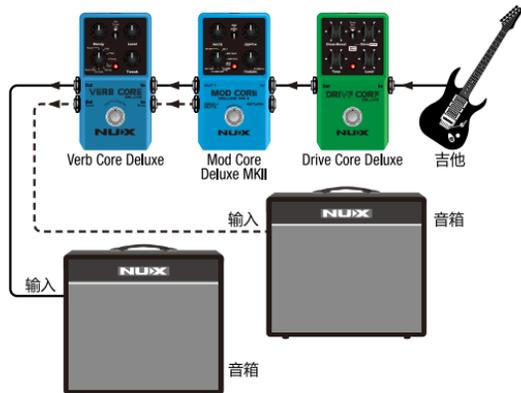


Out Stereo

立体声输出Out接口+Out Stereo接口，请使用一对单声道6.35mm乐器连接线连接。

## 连接场景

1. 连接到音箱的输入接口。



2. 连接到音箱的SEND/RETRUN效果回路。



如果音箱的SEND/RETRUN效果回路为并联，请激活KILL DRY功能。

**KILL DRY功能设置：**开机前踩住踩钉然后再插入电源适配器即可激活（关闭）KILL DRY功能。KILL DRY功能处于激活状态时踩钉LED指示灯会呈绿色并闪烁三次，反之踩钉LED指示灯会呈红色并闪烁三次。



吉他

## 产品特点

- 集8款不同混响效果于一体。
- Room, Hall, Plate, Damp, Shim, Spring, Tre-Verb, Mod-Verb。
- Freeze功能。
- 真直通与缓冲直通（带尾音保留）可切换。
- 支持立体声输入/输出。
- KILL DRY功能。
- 低电流消耗（小于120mA）。
- 低噪零延迟模拟干音信号

## 技术规格

- 输入阻抗：1M $\Omega$
- 输出阻抗：10k $\Omega$
- 动态范围：104dB
- 数字音频信号处理：48kHz / 32-bit
- A/D转换D/A转换：48kHz / 24-bit
- 电源：9V交流适配器（内负外正，建议选配NUX ACD-006A）
- 需求电流：120mA
- 产品尺寸：122mm(L) x 72mm(W) x 47mm(H)
- 重量：270克

\*技术规格如有变更恕不另行通知。

### 随机附件

- 使用手册
- 保修卡
- NUX贴纸

## 有关产品中所含有害物质的说明

为了控制和减少电器电子产品废弃后对环境造成的污染,本资料就本公司产品中所含的特定有害物质及其安全性予以说明。

本资料适用于2016年7月1号以后本公司所制造的产品。

### 环保使用期限



此标志适用于在中国国内销售的电子信息产品,表示环保使用期限的年数。所谓环保使用期限是指在制造日起的规定期限内,产品中所含的有害物质不致引起环境污染,不会对人身、财产造成严重的不良影响。环保使用期限仅在遵照产品使用说明,正确使用产品的条件下才有效。不当的使用,将会导致有害物质泄漏的危险。

### 产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
主体	塑胶件	○	○	○	○	○
	五金件	×	○	○	○	○
	硅胶件	○	○	○	○	○
	内置电路板	×	○	○	○	○
附件	*交流电源适配器、线缆	×	○	○	○	○

\*表示某些产品可能不含有这些项目,上表当中的信息仅在产品含有这些项目时适用。

本表格依据SJ/T 11364的规定编制。

○:表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。

×:表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求,因根据现有的技术水平,还没有什么物质能够代替它。

### 保护环境

如果需要废弃本产品,请遵循本地相关指引,请勿随意丢弃或作为生活垃圾处理,以避免对环境造成污染。

## 质量承诺

亲爱的HUBOX用户:

在您使用HUBOX产品时,请仔细阅读产品说明书。当您有疑问和困难时,请拨打售后服务热线:

**400-990-9866**

■一周内出现质量问题可退货退款 ■一年内出现质量问题可免费维修

■一月内出现质量问题可调换 ■终身享有咨询和维修服务

[请向销售商索取正规发票并予以保存]

## 换修政策

### 一、包换政策:

1. 消费者通过正规授权渠道购买的产品,自购机之日起1个月之内,在正常使用情况下出现非人为的产品性能故障、且产品外观及包装保持完好,可向所购机的经销商换机。
2. 消费者在换机时应出示由经销商开出的购机凭证,否则经销商可以不予更换。

### 二、保修政策:

1. 消费者通过正规授权渠道购买的产品(以发票所示销售方为准),自购买之日起1年内,若出现非人为损坏的性能故障,可享受免费维修服务。
2. 对于超过1年或人为及不可抗力因素造成损坏的产品,我司可提供有偿维修服务。

\*本售后政策仅适用于中国大陆地区,其它国家及地区以当地售后政策及法律法规为准。

### 售后服务地址

广东省珠海市高新区唐家湾镇科技九路10号 邮编:519085  
珠海市蔚科科技开发有限公司 售后服务部

## 合格证

Certificate

检验员  
Inspector

生产日期  
Date

名称  
Name

型号  
Type

混响单块效果器

Verb Core Deluxe

本产品经检验合格

This product is inspected and approved.

执行标准: Q/MKDDZ 001-2020

Product is certificated with Q/MKDDZ 001-2020

制造商: 珠海市蔚科电子科技有限公司 制造商地址: 深圳市南山区蛇口兴华路6号南海意库1号楼507 电话: 0755-2686 9866  
网址: www.zuext.com 生产商: 珠海市蔚科科技开发有限公司 生产商地址: 珠海市高新区唐家湾镇科技九路10号 电话: 0756-3689 9866