NUX
MINI CORE SERIES

Drum▶Ⅱ◀   Smart Tap
                Tempo

LOOP   BLU LAT FNK DRUM
LEVEL   LEVEL
      MT   DNC

   CTRY   JAZZ

     POP   R&B
       BEAT STYLE ROCK

Drum&Loop

HOOK

NUX

FC CE ☒ ✓ UK
         RoHS CA

www.nuxefx.com
Made in China

NDL-3 HOOK Drum & Loop
User manual

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!

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.
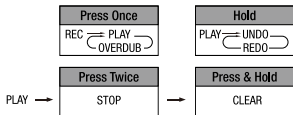- Consult the dealer or an experienced radio/TV technician for help.

Overview

The HOOK Drum & Loop (NDL-3) is a mini looper pedal with auto tempo detection. Simply record a phrase loop, then add a synchronized drum beat. Or you can use the included Smart Tap Tempo and play the drum beat, then start to record the phrase loop. The HOOK is intelligent and simple to operate.

When recording your phrase loop, you can choose Normal Recording or Auto Recording. Normal Recording (NR) is like regular looper pedal, while you press the footswitch, it starts to record immediately.
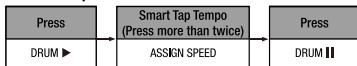
Press Once	Hold
REC ⇌ PLAY OVERDUB	PLAY ⇌ UNDO REDO

	Press Twice		Press & Hold
PLAY →	STOP	→	CLEAR

When in Auto Recording (AR) mode, press the footswitch to record arm the looper. HOOK will start recording once it detects your guitar signal.. This is convenient while you put the HOOK on the desk, and you can use your hand instead of your foot to operate it.

NOTE: To switch between NR/AR , hold the footswitch while plugging in the AC adapter to bootup the pedal. NR: Drum Tap indicator flashes BLUE 3 times. AR: Drum Tap indicator flashes RED 3 times.

Even without the phrase loop, the HOOK can be used as a drum beat with Smart Tap Tempo. It offers 11 drum beat styles with high quality sound samples, and useful rhythms for practice.

Without Loop

Press	Smart Tap Tempo (Press more than twice)	Press
DRUM ▶	ASSIGN SPEED	DRUM ❚❚

The HOOK features 24-bit/44.1kHz recording resolution and 6 minutes recording time with unlimited overdubs. It is true-bypass and analog dry-through. The drum beats and loop playback are independent, which means that you can stop the loop and keep the drum beat playing. Re-play the phrase loop as you want.

The HOOK also includes a PHONES out jack! We know lots of musicians love to use pedals, and they sometimes need silent practice! And finally, you can export your phrase loop WAV file through HOOK APP, please download it from the HOOK product page.

Https://www.nuxefx.com/hook.html

HOOK

Operation

- DC jack
- LOOP LEVEL knob
- PHONE jack
- STYLE knob
- OUTPUT
- FOOTSWITCH
- DRUM TAP switch & indicator
- DRUM LEVEL knob
- USB-C port
- FS indicator
- INPUT

Control Panel

LOOP LEVEL knob

Adjusts the phrase loop playback volume.

DRUM LEVEL knob

Adjusts the drum beat playback volume.

Note: Plugging in the AC adapter when you Press & hold Drum Tap switch to bootup the pedal will enter into Alt tweaking mode. The Drum Tap indicator and footswitch indicator will flash RED. Now the DRUM LEVEL knob can adjust the phones volume. You can play guitar into the pedal and tweak the DRUM LEVEL knob to adjust the phone volume. Press the footswitch to quit Alt tweaking.

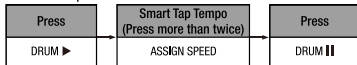**Caution:** Please be mindful when adjusting the headphone levels. Protect your hearing!

STYLE knob
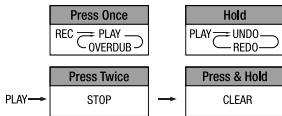
Choose the rhythm style.

DRUM TAP switch & indicator

Short press it, you can play/stop the drum beat. Press more than twice, it will become Smart Tap Tempo to adjust the rhythm speed.

Without Loop

Press	Smart Tap Tempo (Press more than twice)	Press
DRUM ▶	ASSIGN SPEED	DRUM ❚❚

FOOTSWITCH & FS indicator

Press the footswitch once to record the phrase loop. During loop playing, press the footswitch again to OVERDUB. You can hold the footswitch to UNDO/REDO. During loop playing, press footswitch twice to STOP, then press & hold the footswitch to CLEAR the phrase memory.

	Press Once	Hold
	REC → PLAY → OVERDUB	PLAY → UNDO → REDO
PLAY →	Press Twice	Press & Hold
	STOP	CLEAR

Note: Hold the footswitch to bootup the pedal can switch NR/AR. NR: Drum Tap indicator flashes BLUE 3 times. AR: Drum Tap indicator flashes RED 3 times.

Normal Recording (**NR**) is like regular looper pedal, while you press the footswitch, it starts to record.

When in Auto Recording (**AR**) mode, press the footswitch to record arm the looper. HOOK will start recording once it detects your guitar signal. This is convenient while you put the HOOK on the desk, and you can use your hand instead of your foot to operate it.

I/O Jacks

DC jack

Use ONLY: 9V Negative Tip power with more than 100mA. (The power consumption is less than 100mA.) You can use the optional NUX ACD-006A.

USB-C port

The USB-C port is for firmware updates. 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, DFU updater and firmware update guide from product page.

*Factory Reset: Connect USB cable to PC, press & hold the footswitch and Drum Tap switch simultaneously, then bootup the pedal. The pedal will do Factory Reset.

If the pedal doesn't have issue, DO NOT do factory reset, it will rebuild the NANDFLASH.

The USB-C port supports PHRASE LOOP export. (WAV 44.1 kHz / 24-bits mono format) Connect USB cable to a PC, and open HOOK APP, then you can export or import the file.

The HOOK APP is very intuitive for easy operation.

INPUT jack
Connect the cable from guitar side.

OUTPUT jack
Connect the OUTPUT signal to amp side.

PHONES jack
Connect the earphone/headphone to the jack for silent practice.

Note: Alt tweaking for PHONES volume.

Note: Plugging in the AC adapter when you Press & hold Drum Tap switch to bootup the pedal will enter into Alt tweaking mode. The Drum Tap indicator and footswitch indicator will flash RED. Now the DRUM LEVEL knob can adjust the phones volume. You can play guitar into the pedal and tweak the DRUM LEVEL knob to adjust the phone volume. Press the footswitch to quit Alt tweaking.

Caution: Please be mindful when adjusting the headphone levels. Protect your hearing!

Features

- 24-bit phrase loop with auto tempo detection rhythm in a mini enclosure.
- 11 rhythm styles with Smart Tap Tempo.
- Up to 6 minutes recording, unlimited overdubs.
- Drum and Loop volumes can be adjusted separately.
- Independent loop & drum playing.
- True-bypass and analog dry-through.
- 1/8" phones out for silent practice.
- Low power consumption. (less than 100mA)
- USB-C port for firmware update, file import/export.

Specifications

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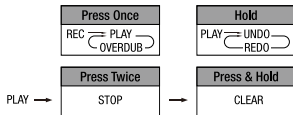
Accessories

- Owner's manual
- Warranty card

∗ Specification may change without notice.

产品简介

HOOK Drum & Loop（型号：NDL-3）是一款具有自动速度检测功能的迷你录音循环效果器。您可以先录制一段循环乐句，然后激活鼓机获得匹配当前节奏速度的鼓机伴奏；或者先使用Smart Tap Tempo设定所需节奏速度，然后再录制循环乐句，NDL-3就是这般智能与易用。

录制循环乐句的时候，您可以选择普通录音模式（Normal Recording）以及自动录音模式（Auto Recording）。

当NDL-3处于普通录音模式时，与其他录音循环效果器一样，在您踩（按）踩钉后即可开始录音；当NDL-3处于自动录音模式时，在您踩（按）踩钉后会进入录音预备模式，当您开始弹吉他时录音自动开始。

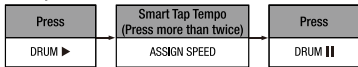|	Press Once		Hold
	REC — PLAY — OVERDUB		PLAY — UNDO — REDO
	Press Twice		**Press & Hold**
PLAY →	STOP	→	CLEAR

*切换录音模式

按住踩钉，然后插入电源适配器即可切换录音模式。若NDL-3处于自动录音模式，DRUM按钮LED指示灯呈红色并闪烁三次；若NDL-3处于普通录音模式时，DRUM按钮LED指示灯呈蓝色并闪烁三次。

NDL-3可以单独用作鼓机来使用，即便是不播放循环乐句时，您也可以使用DRUM按钮来激活鼓机。NDL-3高品质风格各异且实用性极强的鼓机能够帮助您更好的练习。

无Loop鼓机操作

Press	Smart Tap Tempo (Press more than twice)	Press
DRUM ▶	ASSIGN SPEED	DRUM ❚❚

NDL-3的采样率为44.1kHz，采样深度为24bit，最长录音时间长达6分钟，支持无限层叠录音。NDL-3具有独立的鼓机，即便是不播放循环乐句时，鼓机也能单独播放。

我们知道许多乐手都喜欢使用效果器且时常有静音练习的需求，NDL-3的耳机输出接口就是为此而生。最后，NDL-3支持导入/导出循环乐句，您可以使用配套的编辑软件来进行此项操作。

下载地址: Https://www.nuxefx.com/hook.html

操作说明

DC 9V电源接口
DRUM按钮及指示灯
LOOP LEVEL旋钮
DRUM LEVEL旋钮
PHONE接口
STYLE旋钮
USB-C接口
OUTPUT接口
踩钉指示灯
INPUT接口
踩钉

控制面板

LOOP LEVEL旋钮
调整循环乐句播放时的音量大小。

DRUM LEVEL旋钮
功能一：调整鼓机播放时的音量大小。
功能二：调节耳机输出接口的音量大小。

●**进入耳机输出接口音量调节模式**

按住DRUM按键，然后插入电源适配器，观测到NDL-3工作状态LED指示灯以及DRUM按钮LED指示灯呈红色闪烁状后，松开DRUM按键。

●调节耳机输出接口音量

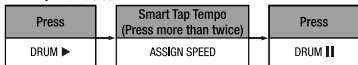进入耳机输出接口音量调节模式后，您可以一边弹吉他一边转动DRUM LEVEL旋钮来调整耳机输出接口的音量，调整完毕后再按（踩）一次踩钉即可退出耳机输出接口音量调节模式。

STYLE旋钮

鼓机风格切换旋钮。

DRUM按钮及指示灯

按此按钮一次即可播放/暂停鼓机。连续按两次以上使用智能打点设速功能设置鼓机速度。

无Loop鼓机操作

Press	Smart Tap Tempo (Press more than twice)	Press
DRUM ▶	ASSIGN SPEED	DRUM ❚❚

踩钉及踩钉指示灯

功能一： 踩（按）一次踩钉可开始录制循环乐句。循环乐句播放时再踩（按）一次踩钉开始叠录。踩（按）住踩钉可以撤销/重做。循环乐句播放时按（按）两次踩钉来停止播放，然后踩（按）住踩钉可清除录制好的循环乐句。

功能二： 按住踩钉然后插入电源适配器即可切换录音模式。若NDL-3切换至自动录音模式，DRUM按钮LED指示灯呈红色并闪烁三次；若NDL-3切换至普通录音模式，DRUM按钮LED指示灯呈蓝色并闪烁三次。

I/O 接口

DC 9V电源接口

请使用合格的、输出接口为内负外正的9V电源适配器为本产品供电。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-C数据交换接口，请使用合格的USB-C数据线将本产品连接至您的电脑进行固件更新或使用配套HOOK编辑软件。产品新固件、固件更新指南以及配套编辑软件请移步至我司官网NDL-3产品页面查询及下载。

*恢复出厂设置：通过USB线连接电脑，按住或（踩住）踩钉同时按下DRUM按键，然后插入电源适配器即可将NDL-3恢复出厂设置。

该恢复模式，在产品功能没有问题的情况下请不要使用，该恢复模式会重建NANDFLASH坏块表。

*编辑软件：您可以使用配套的编辑软件来导入或导出循环乐句（仅支持24-bit/44.1kHz单声道wav格式）。您只需要将NDL-3接入电脑，然后在电脑上运行编辑软件即可导入或导出循环乐句。

INPUT接口

6.35毫米信号输入接口，请将吉他连接至本接口。

OUTPUT接口

6.35毫米信号输出接口，请将吉他音箱连接至本接口。

耳机接口

3.5mm耳机输出接口，可连接耳机进行静音练习。

● 进入耳机输出接口音量调节模式。

  按住DRUM按钮，然后插入电源适配器，观察到NDL-3工作状态LED指示灯以及DRUM按钮LED指示灯呈红色闪烁状后，松开按住DRUM按钮的手指。

● 调节耳机输出接口音量

  进入耳机输出接口音量调节模式后，您可以一边弹吉他一边转动DRUM LEVEL旋钮来调整耳机输出接口的音量大小，调整完毕后再按（踩）一次踩钉即可退出耳机输出接口音量调节模式。

电源DC 9V (选配 ACD-006A)

耳机

吉他

吉他音箱

产品特点

● 24-bit高品质录音循环效果器。
● 11种风格鼓组支持Smart Tap Tempo(智能打点设速)。
● 6分钟录音时长，支持无限层叠录。
● 鼓机音量与循环乐句音量可单独调节。
● 独立鼓机播放控制。
● 真直通、模拟干声直通。
● 配备3.5mm耳机输出接口供静音练习。
● 低功耗（需求电流小于100mA）。
● 配备USB-C接口用于固件升级以及导入/导出循环乐句。

技术规格

● 输入阻抗：1MΩ
● 输出阻抗：10kΩ
● 耳机接口输出阻抗：10Ω
● 动态范围：103dB
● 数字音频信号处理：48kHz / 32bit
● AD转换/DA转换：48kHz / 24bit
● 电源：9V直流电源内负外正(选配NUX ACD-006A)
● 需求电流：小于100mA
● 体积：94mm (长) x 51mm (宽) x 53mm (高)
● 重量：175g

*技术规格如有变更恕不另行通知。

随机附件

● 使用说明书　● 保修卡

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	O	O	O	O	O	O
	五金件	×	O	O	O	O	O
	硅胶件	O	O	O	O	O	O
	内置电路板	×	O	O	O	O	O
附件	*交流电源适配器、线缆	×	O	O	O	O	O

* 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。

O：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 NUX 用户：

　　在您使用 NUX 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，可享有免费维修服务。

　　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。

合 格 证
Certificate

检验员 Inspector	名称 Name　迷你录音循环效果器
生产日期 Date	型号 Type　NDL-3

本产品经检验合格
This product is inspected and approved.

执行标准 Q/WKDZ 001-2020
Product is certificated with Q/WKDZ 001-2020

制造商：深圳市朝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9号南海意库1号楼507　电话：0755-2686 9866　网址：www.nuxefx.com　生产商：珠海市朝科科技有限公司　生产地址：珠海市高新区唐家湾镇科技九路10号　电话：0756-3689866