

NUXX
Verdugo Series

Owner's Manual
使用手册



鼓机录音循环效果器

NDL-5



Copyright

Copyright 2018 Cherub Technology Co. All rights reserved. NUX and JTC Drum & Loop Pro 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

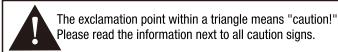
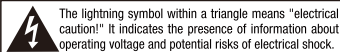
Whilst every effort has been made to ensure the accuracy and content of this manual, Cherub Technology Co. makes no representations or warranties regarding the contents.

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.



1. Use only the supplied power supply or power cord. If you are not sure of the type of power available, consult your dealer.
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. 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!

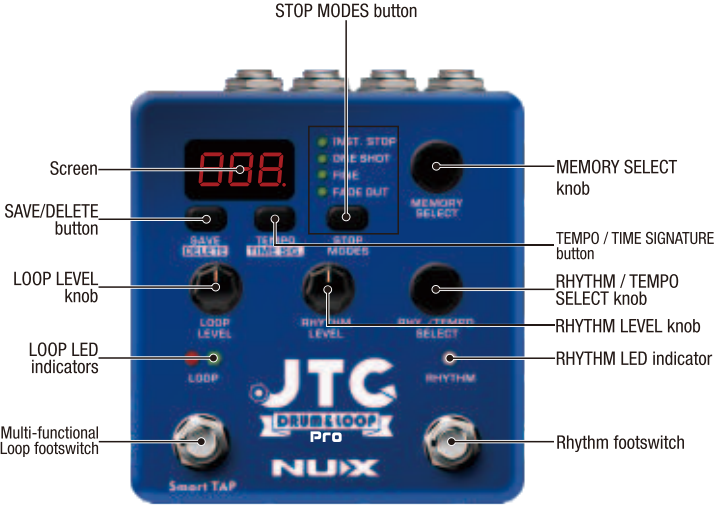
Overview

JTC Pro is designed to take the looper artist performance to one step further. It's a dual switch stomp box pedal equipped with 6 hours of recording capability and 256 loop memories. Loop and drum controls are separate. The left footswitch controls recording and overdubs, and starts / stops playing the recorded loop tracks. It's also the TAP TEMPO control, you can set the drum speed by tapping the left footswitch before you record a loop track. The right footswitch starts / stops playing the drums and it adds drum fill during the performance. JTC Pro also offers easy-to-use start and stop modes for making your jam sounds like an arranged song during performance, as well as one shot mode for playing any loaded backingtrack without getting into a loop. JTC Pro has 2 outputs and there are several output modes such as a stereo connection to two amplifiers, or you can activate the built-in speaker cabinet simulation for Right Output to send your guitar signal directly to PA system (or any PA monitor). JTC Pro's drum sound is a very realistic high-quality audio sample. When you connect to any guitar amplifier or PA system, you will get a full range and dynamic drum sound. And if you are using a small practice amplifier, there is an optional drum frequency optimization. It makes the drum sounds more clear and helps you to get a real looper experience with the smaller amplifiers.

Features

- 24-bit audio quality
- 6 hours recording time
- 256 memories
- Drums: 25 4/4 beats, 10 3/4 drum beats, 5 shuffle beats
- Drum tempo 40-240bpm
- 2 start modes, 3 stop modes
- One Shot player
- 2 Loop switch modes: Record-Play and Record-Overdub
- Optional Frequency Optimization function to enhance drum sound
- 2 Outputs: Amp (Left) and Mixer (Right).
Optional speaker cabinet simulation for Right Output
- 3 Advanced output modes for guitars and drums signals to amplifiers and mixers
- External footswitch input to switch between loop phrases. (NMP-2 optional)
- Micro-B USB

Control Panel



START MODES

JTC Pro has 2 start modes for recording. Before you record anything you can select one of the modes shown as *RR* and *RR* ; select an empty preset, push and hold the Stop Modes button to select a mode.

Normal Recording *RR*: It's the regular way of loop recording. Hit the Loop footswitch and start playing. Timing is important, and it needs a bit practice to create a perfect loop. But still, it's simple and easy to do it. It's a natural way of jamming with a looper pedal and you will feel very comfortable after you use it several times.

Auto Recording *RR* : Good for beginners. Also very useful if the first chord is really difficult to play. Hit the Loop footswitch, JTC Pro will wait until it receives the signal. You can wait as long as you want until you feel ready to play. When you hit the strings, it will start recording and you can stop recording with the second hit whenever you want.

Screen



Shows selected memory, song tempo and other settings info.

Control Panel

STOP MODES

- INST. STOP
- ONE SHOT
- FINE
- FADE OUT



You can choose the way to stop your performance. Double click the Loop button:

INST.STOP	Loop will stop instantly.
ONE SHOT	It's an optional backing track player. You can add your own full length song and play it once without looping.
FINE	Loop will play until the end of the track.
FADE OUT	10 seconds fade out.

MEMORY SELECT knob



Switch between 1–256 memories. Also controls the global settings (see. Global Settings).

Control Panel

SAVE/DELETE button



Save: After recording a track, press once the button, "SR" will blink on the screen. Select a preset (1 – 256) and click again.

Delete: Select a preset, press and hold the button, "dL." will blink on the screen. Press the button again to clear the preset.

TEMPO / TIME SIGNATURE button



Press to control the drum speed, click and hold to change the drum beats time signature (4/4 – 3/4 – Shuffle).

Use the RHYTHM/TEMPO SELECT knob to adjust.

LOOP LEVEL knob



Adjusts the recorded loop volume.

RHYTHM LEVEL knob



Adjusts the drums volume.

Loop LED Indicators



Red: Recording.
Green: Playback.

RHYTHM / TEMPO SELECT knob



Rhythm

Switch between the drumming styles.

Tempo

(Click the Tempo button) Adjusts the drum tempo (40-240 BPM).

Time Signature

(Click and hold the Tempo button) Changes the beat 4/4 – 3/4 – Shuffle.

Control Panel

Rhythm LED Indicator



It lights up when the drum function is activated, and flashes according to the current tempo.

Multi-functional Loop Footswitch (see. Global Settings for alternate footswitch control)

Global Settings RP – Record / Play

1st Press: Start recording.

2nd Press: Stop recording and play loop.

3rd Press: Start recording overdub – it will create overdubs each time the loop starts over until you press the footswitch again.

4th Press: Stop recording overdub and keep looping with recorded layer(s) (and press the footswitch again to record another overdub / press again to stop recording overdub).

Press and HOLD (during the loop with overdubs): The last overdub will stop playing.

Press and HOLD again: The last overdub will play again.

Global Settings RD – Record / Dubbing

1st Press: Start recording.

2nd Press: Start looping and start recording overdub-it will create overdubs each time the loop starts over until your press again.

3rd Press: Stop recording overdub and keep the track looping with recorded layer(s) (and press the footswitch again to record another overdub / press again to stop recording overdub).

Press and HOLD (during the loop with overdubs): The last overdub will stop playing.

Press and HOLD again: The last overdub will play again.

Double Press (during the play): Loop will stop according to selected "Stop Mode".

Smart Tap Tempo: For using the Tap Tempo; activate the drums before recording a loop track. Clicking the Loop Footswitch 2 times within 40 BPM to 240 BPM range will adjust the drum speed. When you set the drum speed by using the Tap Tempo, please wait for 2 seconds to record a track.

Control Panel

Rhythm Footswitch



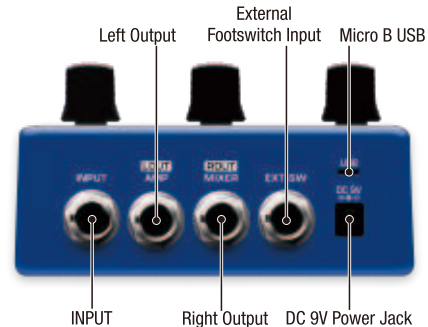
Press to start drums, double press to stop.

During the drum play: press to add drum fills.

Drum Fills: Each drumming style has its own unique drum fill. Just hit the footswitch during the play and the fill-in will start immediately and fills until the end of beat.

Note: If the remaining memory is not enough, you'll see "FUL" blinking on the Screen, and you'll have to delete some saved loop phrases to free up some memory space so that you can record new loop phrases with it again.

I/O Jacks



I/O Jacks

INPUT

INPUT



1/4" Jack Input.

Left Output

LOUT
AMP



1/4" Jack Output (Stereo) to Amplifier.

Right Output

ROUT
MIXER



1/4" Jack Output (Stereo) to Mixer (Speaker Cabinet Simulation).

External Footswitch Input

EXT.SW



For NUX NMP-2 (sold separately). You can switch the presets UP / DOWN.

Micro B USB Port



Connect to computer for WAV file loading or firmware update.

DC 9V Power Jack

DC 9V



DC 9V 500mA (negative tip, optional ACD-006A adapter).

Global Settings

To reach the global settings, press and hold the Loop Footswitch, and plug-in the power cable to turn ON the pedal. " G L B S E T " will appear on the screen. Then you can engage the following functions.

Loop Footswitch Alternate Control

Push Save/Delete button: You can choose Loop Footswitch mode by using the Memory Select knob:  (Record and Play) or  (Record and Dub).

Optional Frequency Optimization

Push Tempo/Time Signature button: You can use the Memory Select knob to switch frequency optimization *FR ON/OFF*. It has 2 functions depending on the LEFT / RIGHT outputs.

LEFT (AMP) Output: When the *FR* is *ON*, drum signal will be optimized to get better drum sound from a guitar amplifier. You can try the *FR ON* and *OFF* to use the JTC Pro drums with better sound. Technically it cuts the high and low frequencies and makes it compatible with small practice amplifiers.

RIGHT (MIXER) Output: You can send your guitar signal directly to a mixer (or a PA amplifier / speaker, or an audio interface) and turn ON the frequency optimization to use speaker cabinet simulation. If you are using two guitar amplifiers, turn OFF the frequency optimization.

Output Modes

Push Stop Mode button and use the Memory Select knob to select the output mode:

F3 : Guitar to Amp (LEFT) output / Drums to Mixer (RIGHT) output.

F4 : Drums / Guitar to both outputs.

F5 : Guitar / Drums to Amp (LEFT) output and Drums to Mixer (RIGHT).

Formatting JTC Pro

In case you want to reset the JTC Pro back to factory setting, please operate as the following instructions: Press and hold SAVE/DELETE button until the display shows “ F ”, then press the LOOP footswitch once to confirm formatting. Or, press any other buttons to cancel formatting.

Warning: Formatting the JTC Drum&Loop Pro will wipe away all recordings from it, and set everything to factory settings. Please backup all your data before you format the device. Also, please do not power off your device until the formatting process is completed.

Connecting with Computer

Updating the JTC Drum & Loop Pro

1. Connect the USB (Micro B) cable to your computer and the pedal.
2. Press and hold the Loop footswitch + Save + Tempo buttons and plug in the power cable.
3. JTC Pro will start running in update mode. You will see “ UP ” on the screen.
4. JTC Pro's folder will appear on your computer. Normally it opens automatically, but if not, please check the connected USB devices.
5. Open the folder, copy the firmware file (or drag and drop) into the USB DEVICE folder. Unplug the USB cable and push the Loop footswitch. Update will start.
6. You will see the update progress from 1 to 99 and “ SC ” letters will be shown on the screen when completed. Pedal will restart itself.

Loading a backingtrack into the JTC Pro

1. Run the JTC Pro and connect the USB cable to your computer and the pedal.
2. Open the folder NUX LOOPER - LOOPER24 - WAV on your computer.
3. Open the WAV folder, from 1 to 256 you can add your song into any folder.
4. Unplug the USB cable. You can choose the backingtrack by using the Memory Select knob. Select “One Shot” mode to play the backingtrack without looping.

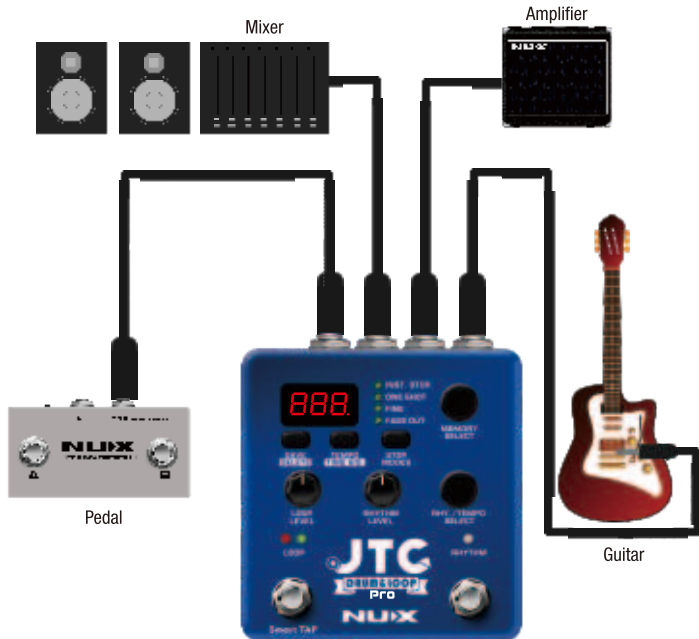
Supported backingtracks

1. Audio file must be WAV – 24 bit – 44.1 kHz.
2. JTC Pro cannot play any mp3 or 16 bit audio files.
3. You can simply convert your backingtrack to make it compatible for JTC Pro.

FREE Audio Converter Software

Visit www.nuxefx.com and check the support page. You can download the audio file converter for free. (MAC OS / WINDOWS OS)

Connecting Audio Equipment



Specifications

- Input impedance: 1M Ω
- Output impedance: 10k Ω
- Sampling rate: 44.1kHz
- A/D Converter: 32bit
- Signal Processing: 32bit
- Frequency Response: 20Hz~20kHz
- Dynamic Range: 101dB
- Power: DC 9V 500mA (Negative tip, Optional ACD-006A adapter)
- Current Draw: <100mA
- Dimensions: 105mm(L) x 115mm(W) x 57mm(H)
- Weight: 425g

Accessories: User manual, Warranty card

*Specifications and features are subject to change without notice.



www.nuxefx.com

Made in China

产品简介

NUX JTC DRUM & LOOP PRO是迄今为止我们推出功能最为全面且操作最为简便的带鼓机录音循环效果器。双踩钉设计使得鼓机的控制更为便捷，新增的ONESHOT模式让单人乐队更易实现，全新采样的鼓机带来更为真实的节奏体验。

产品特点

- 无限层叠加录音，满足您的需求
- 所见即所得操作界面
- 长达6小时录音时间
- 256个用户存储位置
- 四种停止模式: 立即停止、单次播放、完结停止、淡出停止
- 三种高级信号输出模式: 单独信号输出、混合信号输出、混合信号及单独信号结合输出
- 内置多达40组全新采样的鼓机及节奏型
- 智能打点设速(Smart TAP)，精确节拍速度控制
- 可通过个人电脑导入、导出乐句

请注意！重要安全说明。 在连接使用前，阅读以下说明。

警告: 为减少火灾或触电的危险，请勿将本产品置于雨中或潮湿的地方。

注意: 为避免火灾或触电等危险，请勿擅自拆卸本产品。维修本产品内部部件对于非专业人员来说较为困难，若有损坏请交给专业维修人员处理。

注意: 本产品已经过测试，证明符合FCC规则第15部分的B级数字设备的限制规定。操作应符合以下两个条件：（1）本产品不会产生有害干扰。（2）本产品必须接受任何干扰，包括可能会导致非正常操作的干扰。

1. 建议使用NUX ACD-006A电源适配器（需另购），如需搭配其它品牌电源，请务必按照产品标识的规格搭配电源适配器。如果您不确定可用的电源类型，请咨询您的经销商。
2. 请勿放置在热源附近，如散热器、电热器，或其它产生高热量的设备。
3. 请勿让液体、灰尘及其它物体进入本产品。
4. 请勿尝试自行维修本产品。如需维修，请联系我司售后热线或交给专业的维修人员。
5. 当本产品遭遇电源线或插头损坏、不明物体进入、进水等情况时，请谨慎使用并主动联系售后维修。
6. 如果长时间不使用本产品，应拔掉电源线。
7. 避免踩踏电源线，避免过度绷紧电源线。
8. 人耳长时间接收高音量声音可能会导致无法挽回的听力损害，请始终保持“安全聆听”。

请遵守所有的指示和注意所有警告并保留这些说明！

控制面板



控制面板

START MODES

JTC DRUM & LOOP PRO内置了两种不同的录制循环乐句的模式。您可以根据实际需要在开始录制循环乐句前进行如下步骤设置：选择一个空的存储位置，按住STOP MODES按键直至显示屏出现“1”或“R”字样。

“1”代表普通录音模式，踩下踩钉后循环乐句的录制会立即开始，这个模式下录制循环乐句需要使用者本身有较强节奏把控能力，否则难以录制出完美的循环乐句。

“R”代表自动录音模式，踩下LOOP踩钉后循环乐句的录制会在本体检测到信号输入的时候才开始。如果您是初学者，我们建议您先使用此模式。

STOP MODES按键

- INST. STOP
- ONE SHOT
- FINE
- FADE OUT



JTC DRUM & LOOP PRO内置了四种停止模式，您可以依据实际需要或个人喜好按此按键做出选择。

INST.STOP (立即停止)	双踩LOOP踩钉后，当前循环乐句立即停止。
ONE SHOT (单次播放)	当前循环乐句从头至尾播放一次后立即停止。此模式是特意为那些想要配合伴奏来练习或演出的乐手而增设的。
FINE (完结停止)	双踩LOOP踩钉后，当前循环乐句播放完毕后立即停止。
FADE OUT (淡出停止)	双踩LOOP踩钉后，当前循环乐句淡出并在十秒钟后停止。

显示屏



显示存储位置、节拍速度、鼓机编号及其它设置信息。

控制面板

MEMORY SELECT旋钮



JTC DRUM&LOOP PR0内置了256个存储位置，您可以拨动此旋钮来选择任意的存储位置。

此旋钮还可以在本体进入“全局设置”时用于更改部分全局设置。（详见全局设置）

SAVE/DELETE按键



此按键可用于存储或删除录制完成的循环乐句。

存储：循环乐句录制完毕后按一次此按键，屏幕会立即闪动“SR”字样，再次按下此按键确认存储当前录制好的循环乐句。

删除：长按此按键，显示屏会立即闪动“dL”字样，再次按下此按键确认将当前存储位置已经存储好的循环乐句删除。

TEMPO/TIME SIG. 按键



短按一次进入节拍速度设置。
长按进入节奏型切换设置。

LOOP LEVEL旋钮



用于调节循环乐句的回放音量。

RHYTHM LEVEL旋钮



用于调节鼓机音量。

RHY./TEMPO SELECT旋钮



控制面板

此旋钮可用于切换内置鼓机鼓组，设置节拍速度（节拍范围：40~240BPM）以及切换节奏型（4/4, 3/4, Shuffle）。

LOOP指示灯



红色灯亮：录制循环乐句。
绿色灯亮：回放循环乐句。
红色绿色灯同时亮：叠加录音。

RHYTHM指示灯



鼓机激活后会亮起并根据当前所设定的节拍速度闪烁。

LOOP踩钉



RP(Record-Play)全局设置模式

第一踩：开始录音。
第二踩：停止录音并播放已经录制好的第一层循环乐句。
第三踩：开始叠加录音，在第一层循

环乐句回放结束后自动完成第二层循环乐句的叠加。除非您进行第四踩否则叠加录音会一直自动循环进行下去：一层循环乐句叠加结束后会自动开始新一层循环乐句的叠加。

第四踩：停止叠加录音并播放已经录制好的循环乐句，再次单踩踩钉会再次开始叠加录音。

RD(Record-Overdub)全局设置模式

第一踩：开始录音
第二踩：结束第一层循环乐句的录制并开始播放，同时开始叠加第二层循环乐句的录音。除非您进行第三踩，否则叠加录音会一直自动循环进行下去：一层循环乐句叠加结束后会自动开始新一层循环乐句的叠加。
第三踩：停止叠加录音并播放已经录制好的循环乐句，再次单踩踩钉会再次开始叠加录音。

控制面板

至少已经叠加一层录音后：您可以踩下并按住LOOP踩钉来清除最近一次的叠加录音（显示屏会闪动“uNd”字样），再一次踩下并按住LOOP踩钉可以恢复被最近一次被清除的叠加录音（显示屏会显示“rEd”字样）。

智能打点设速

录制循环乐句前踩RHYTHM踩钉开启鼓机，在40~240拍每分钟的速度范围内连续踩两次LOOP踩钉即可完成智能打点设速。智能打点设速完毕后，需等待两秒钟方可进行录制循环乐句及叠加录制循环操作。

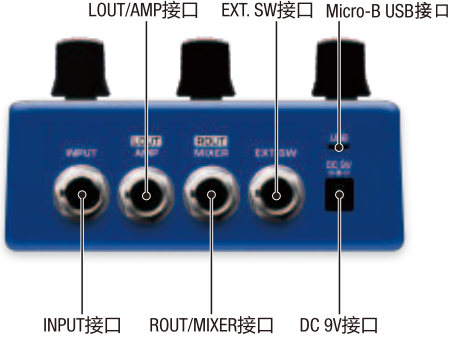
Rhythm踩钉



踩Rhythm踩钉一次即可激活鼓机，连续踩Rhythm踩钉两次停止鼓机。
鼓花：每一个鼓组都有独特的鼓花，鼓机激活时踩一次Rhythm踩钉即可为当前鼓组添加鼓花。

注意：JTCDRUM & LOOP PRO在数据存储空间不足时，显示屏会显示“FUL”字样，此时您需要删除部分已经存储的循环乐句释放存储空间才能再次录制循环乐句。

I/O接口



I/O接口

INPUT接口

INPUT



6.35mm单声道输入接口。

LOUT/AMP接口

LOUT
AMP



6.35mm 左声道输出接口，输出信号至音箱时请使用此接口。

ROUT/MIXER接口

ROUT
MIXER



6.35mm 右声道输出接口，连接调音台时输出带箱体模拟的信号。

EXT. SW接口

EXT. SW



外接踏板接口，用于乐句片段上翻、下翻。（选配：NUX NMP-2）。

Micro-B USB接口



Micro-B USB数据输入输出接口，可用于导入循环乐句至本体或将本体内循环乐句保存至您的个人电脑上，此接口也用于产品固件升级。

DC 9V接口

DC 9V



JTC LOOP&DRUM PRO连接DC9V(外正内负)，500mA电源适配器。

全局设置模式

为了尽可能满足乐手们的不同需要，我们将一些比较高阶的功能设置隐藏在了全局设置模式里。

进入全局设置模式

在开机前踩下LOOP踩钉后再接上电源，直至您看到显示屏上出现“GLB”和“SET”字样闪动时再松开LOOP踩钉。

设置循环乐句录制及叠加顺序

全局设置模式下按SAVE/DELETE按键进入设置循环乐句录音及叠加菜单，然后通过MEMORY SELECT旋钮选择“rd”或“rP”：

“rd”：录音-叠加录音-播放。

“rP”：录音-播放-叠加录音。

设置频率响应补偿

全局设置模式下按TEMPO/TIME SIG.按键即可通过MEMORY SELECT旋钮选择开启或关闭频率响应补偿。

“Fr on”：开启频率响应补偿。

“Fr off”：关闭频率响应补偿。

设置三种高级信号输出模式

全局设置模式下按STOP MODES按键即可通过MEMORY SELECT旋钮选择信号输出模式。

全局设置模式

F3: 循环乐句信号通过LOUT接口输出至音箱，鼓机信号通过ROUT接口输出至调音台。

F4: LOUT接口及ROUT接口均输出循环乐句及鼓机混合信号。

F5: LOUT接口输出循环乐句及鼓机混合信号，ROUT接口输出鼓机信号至调音台。

格式化JTC PRO

长按SAVE/DELETE键，直至显示屏闪烁显示“F0”，踩下“LOOP踩钉”即可格式化或按其它任意按键放弃格式化。

警告：格式化操作会删除所有数据及个人偏好设置，同时将机器恢复出厂设置。请在进行格式化操作前确认您已经备份好数据，格式化过程中请勿断开电源。

循环乐句的导入与导出

将JTC DRUM&LOOP PRO接上电源开机然后使用Micro-B USB数据传输线将其与您的电脑连接，连接成功后显示屏上出现 “JC” 字样，此时您可以将wav格式的循环乐句导入JTC DRUM&LOOP PRO，或者将本体已录制好的循环乐句导出备份至您的电脑。

导入循环乐句

1. 打开名为NUX LOOPER的可移动存储设备，打开“LOOPER24”文件夹。
2. 打开WAV文件夹，您将看到256个文件夹对应256个存储位置：“W001”，“W002”...“W256” 选择任意一个空文件夹将WAV格式的循环乐句文件复制至文件夹内。例如：“W007”。
3. 复制结束后，将WAV格式的循环乐句文件名重命名为“W007.wav”以便本体能正确识别导入的循环乐句。

导出循环乐句

1. 打开名为NUX LOOPER的可移动存储设备，打开“LOOPER24”文件夹。
2. 将WAV文件夹复制到您电脑的硬盘内备份本体已录制好的循环乐句。

注意

1. JTC DRUM&LOOP PRO 只支持24bit 44.1kHz立体声Wav格式文件。
2. 导入或导出循环乐句时请勿断开电源或数据线。

连接图



技术规格

- 输入阻抗: 1M Ω
- 输出阻抗: 10k Ω
- 采样率: 44.1kHz
- 模数转换: 32bit
- 信号处理运算: 32bit
- 频率响应范围: 20Hz~20kHz
- 动态范围: 101dB
- 供电电源: DC 9V 500mA (外正内负, 选配电源适配器ACD-006A)
- 消耗电流: <100mA
- 尺寸: 105mm(长) x 115mm(宽) x 57mm(高)
- 重量: 425g

随机附件: 使用说明书、保修卡。
*技术规格如有变更, 恕不另行通知。

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。

合格证
Certificate

检验员
Inspector

名 称 鼓机录音循环效果器
Name

型 号 NDL-5
Type

生产日期
Date

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

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，不会对人体、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。

制造商
深圳市蔚科电子科技开发有限公司
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.nuxefx.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：0756-3689866

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
珠海市蔚科科技开发有限公司 售后服务部
邮编：519085