

TIME CORE DELUXE Owner's Manual

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.

- Use only the supplied power supply or power cord. If you are not sure of the type of power available, consult your dealer.
- Do not place near heat sources, such as radiators, heat registers, or appliances which produce heat.
- Guard against objects or liquids entering the enclosure.
- 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.
- 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.
- The power supply cord should be unplugged when the unit is to be unused for long periods of time.
- 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.
- 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!

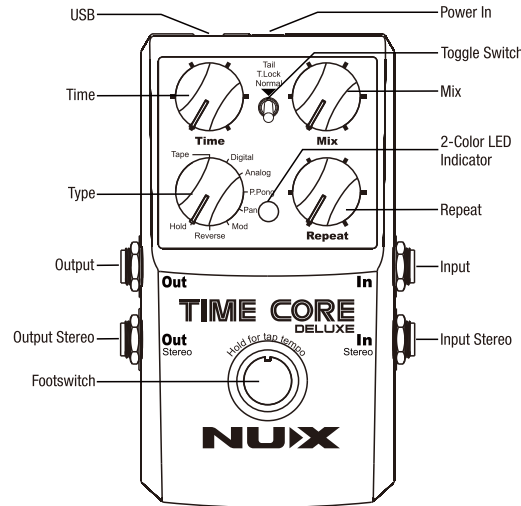
Thank you for selecting the NUX products! With years of research, we are proud to launch the new generation of the NUX pedals-The Core Deluxe Series! Based on the popular NUX Core pedals, the Deluxe series pedals have upgraded hardware circuit and new algorithm that ensure ultra-low noise and great tones!

Time Core Deluxe is a compact stomp box that offers 7 types of delay and a 40 second looper. You can get very clear digital delay, warm analog delay, and realistic tape echo tone out of this pedal. Every delay model is created by NUX TSAC Technology! Time Core Deluxe is convenient, professional and inspiring!

Features

- 7 delay types
- 40ms-2000ms
- 40 second looper
- NUX Original TSAC technology
- 32bit DSP, Hi-Performance 24bit/44.1kHz AD/DA converter
- Upgraded Hardware for Ultra-Low Noise
- True-Stereo signal processing with auto In/Out routing sensing
- Tail feature
- Tone lock function to freeze settings and save preset
- True bypass
- Powered by one 9V Battery or optional 9V adaptor with negative tip

Product Description



Time knob
Set the delay time.

Type knob
Select delay types.

Type	Description
Tape	This models the warm echo from a vintage tape echo device. Its high end will deteriorate gradually as the repeats go.
Digital	This is a modern digital delay that gives you very clear repeats.
Analog	This delivers the tone of an analogue delay that uses bucket-brigade device(BBD). The tone is warm and slightly overdriven.
P.Pong	The Ping Pong delay caused the delay to alternate between the Left and Right outputs. You need to use stereo outputs for this effect.
Pan	The delay will be panned alternately from left to right side.
Mod	There is chorus effect added to the repeats.
Reverse	This creates a reversed playback effect.
Hold	This is a looper that allows you to record a phrase loop up to 40 seconds in stereo.

Toggle Switch

Tail: This means the repeats of the delay will not be cut when you bypass the pedal.

T.Lock: Put the toggle switch to this position will freeze the current settings.

Normal: This means that the repeats of the delay will be cut off when you bypass the pedal.

Mix knob

Set the mix between the dry signal and the effect sound.

Repeat knob

Set the number of repeat.

Connection

USB

For firmware updating.

Power In

Connect a 9V (Negative Tip) Adaptor. Optional NUX ACD-006A is recommended.

NOTE: Using other adaptor may cause damage or noise.

Footswitch

For all delay types except hold mode, short press the footswitch to engage the effects or bypass the pedal; hold down the footswitch for 2 seconds to use tap Tempo function.

Under hold mode, use the footswitch to control recording.

Input

Plug in the instrument to this jack. For mono effect, use only the In jack, i.e. a guitar with mono signal.

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

Input Stereo

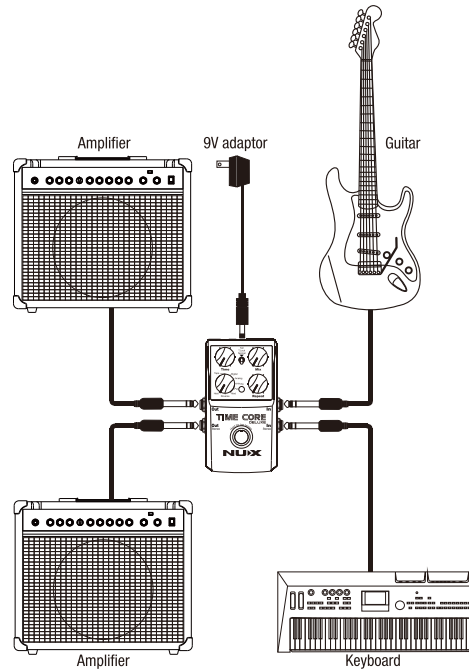
For stereo effect, use both In and In stereo jacks, i.e keyboard or stereo effects pedal.

Output

This outputs the signal to amplifier. For mono effect, use only the Out jack.

Output Stereo

For stereo effect, use both Out and Out stereo jacks.



To Use The Looper (Hold)

- Turn the type knob to hold to enter the looper mode, the LED light is off at this moment.

- Step the footswitch for the first time to start recording the first layer. The LED light will be slowly blinking in red.

After you recorded the first layer, step the footswitch again to start playback. The LED light will light up in green.

Then step the footswitch again to start overdubbing. The LED light will be slowly blinking in red and green together.

Each time you step on the footswitch, it circles as Play > Dub > Play.....You can record unlimited layers of overdubs.

- Step the footswitch twice in one second to stop the looper. The LED light will be blinking in green slowly under stop status.

Under stop status, step the footswitch once to start playback. Then step the footswitch again to start overdubbing.

Under any status, hold the footswitch for 2 seconds to clear all the recording. The LED light will be quickly blinking in red and go out.

Tone Lock Function

T.Lock

Set the 3-way toggle switch to T.Lock position can temporarily freeze the current settings of the knobs. This helps to keep you settings from being changed by accident on stage.

So Save and Recall Preset

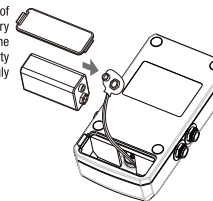
Time Core Deluxe allows user to save and recall one preset. After you set the effect, while holding down the footswitch, set the toggle switch to T.Lock position to save the current effect as the preset. To recall this preset, set the toggle switch to T.Lock position before you power the pedal (By plugging in the adaptor and the In jack).

NOTE:

Under Tone Locked status or Preset Mode, when a knob is turned to a position that matches the saved parameter, the LED will blink once to remind you the position.

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.



Troubleshooting

Power Does Not Turn On

- Check if the adaptor is connected correctly and securely of not.
- If it is powered by battery, try a fresh battery.
- Check if the In jack is plugged in.

No Sound

- Try to plug the instrument directly into this pedal and output this pedal directly to the amp, and make sure the volume of the instrument and the amplifier is turned on.
- Check if all the cable connections are good and secure.

Poor Sound Quality

- Make sure all the cables are securely plugged into the pedal, guitar and the playback device, i.e. amplifiers.
- Make sure the power adaptor is with the correct specifications (DC 9V, minimum 300mA, \oplus \ominus).
- If it is powered by battery, try a new battery. For longest battery life, we suggest new, high quality ALKALINE battery.

Effects are not responding to knob settings

- Check if you are under Preset mode. Try to set the toggle switch to Normal or Tail position, turn off the power and power on again.
- Check if the toggle switch is in T.Lock position. If yes, set it to Normal or Tail position.

Specifications

- Effects: 7 delay types and looper
- Preset: 1
- Nominal Input Level: -20 dBu (Guitar) +3 dBu (Max.)
- Input Impedance: 1M Ω
- Nominal Output Level: -20 dBu (Guitar) +3 dBu (Max.)
- Output Impedance: 1k Ω
- Residual Noise Level: -93 dBu (Min.)
- Current Draw: 103mA
- Power Supply: 9V battery or 9V AC adaptor (optional NUX ACD-006A, 9V, \oplus \ominus)
- Dimensions: 122mm(L) x 72mm(W) x 47mm(H)
- Weight: 270g

*Specification may change without notice.

Precautions

• Environment:

1. Do NOT use the TIME CORE DELUXE in high temperature, or high humidity, or subzero environments.
2. Do NOT use the TIME CORE DELUXE in the direct sunlight.

• Please do NOT disassemble the TIME CORE DELUXE by yourself.

• Please keep this manual for future reference.

Accessories

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

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.



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Made in China

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TIME CORE DELUXE

数字延时效果器 使用说明书

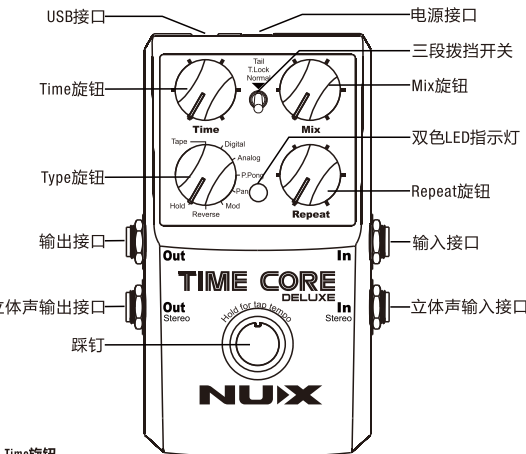
感谢您选择NUX的产品！经过数年的研究，我们很自豪的推出新一代NUX单块效果器—CORE DELUXE系列！以畅销经典NUX CORE系列单块为基础，全新的DELUXE系列升级了硬件电路，采用新的算法（仅限于数字型号），保证了超低的噪音和完美的音色。

Time Core Deluxe是一款外观紧凑、集7种高质量的延时类型和一个40秒的Looper于一身的延时单块。您可以通过这款单块得到非常清晰的数字延时，温暖的模拟延时以及逼真的磁带回声音色。每一种延时类型都由NUX原创的TSAC（仿真模拟电路）技术实现。Time Core Deluxe非常方便、专业，可以激发您的音乐灵感！

产品特点

- 7种延时类型
- 延时时间：40ms-2000ms
- 40秒Looper
- NUX原创的TSAC（仿真模拟电路）技术
- 32bit DSP，高品质24bit/44.1kHz数模转换
- 升级版硬件保证超低噪音
- 真立体声信号处理系统可自动检测输入/输出线路
- 切尾功能
- Tone Lock功能可以瞬间锁定设置并保存为一个预设
- 硬件直通设计
- 可用9V电池或9V（外正内负）电源适配器供电

产品界面



Time旋钮

设置延时时间。

Type旋钮

选择延时类型。

延时类型	描述
磁带延时 (Tape)	模仿由复古的磁带回声设备发出的温暖的回声效果。它的高音会随着不断重复逐渐衰减。
数字延时 (Digital)	经典的数字延时效果能带给您非常清晰的回声。
模拟延时 (Analog)	发出一种类似由BBD设备产生的模拟延时音色。这种音色很温暖，并带有一点过载效果。
乒乓延时 (P.Pong)	乒乓延时可以制造一种左右声道互相轮换的效果。对于这种效果您需要使用立体声输出。
声场移动延时 (Pan)	可以制造一种逐渐左右声道移动的立体声效果。
调制延时 (Mod)	符合声效加入回声中。
倒放延时 (Reverse)	制造一种反向的倒放效果。
循环录音播放 (Hold)	这是一个Looper，可以让您录制一段长达40s的立体声循环乐句。

三段拨挡开关

Tail档：旁路掉此效果器后将保留踩下踏板之前的延时效果声，使延时效果的退出更加自然。

T.Lock档：锁定当前设置。

Normal：旁路掉效果器后延时效果音会被立即切掉。

Mix旋钮

设置效果音和原音的混合比例。

Repeat旋钮

设置效果音重复的次数。

踩钉

在所有的延时模式下（Hold模式除外），短踩踩钉可以激活效果或者旁路掉这个单块；长踩踩钉两秒可以使用TAP测试功能。

在Hold模式下，使用踩钉来控制录音。

设备连接

USB接口

可用于软件升级。

电源接口

连接9V（外正内负）电源适配器。推荐使用可选配的NUX ACD-006A适配器。

注意：选用其它适配器可能造成机器损坏或噪音。

输入接口 (In)

连接乐器到此接口。对于单声道效果，仅使用In接口，例如一把吉他的单声道信号。

注意：In接口也是电源触发器，因此In接口需一直保持连接，以保证机器处于开机状态。

立体声输入接口 (In)

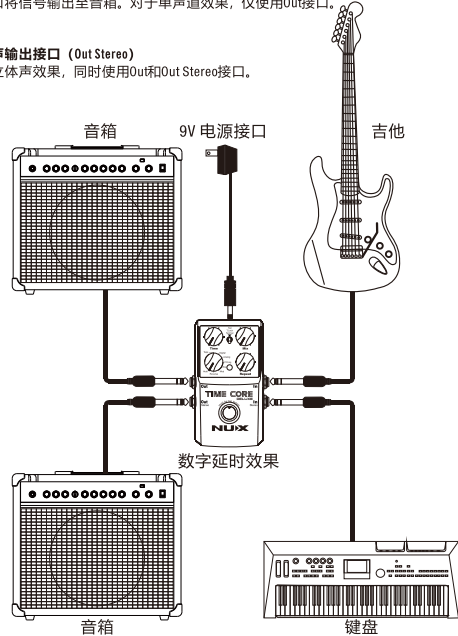
对于立体声效果，同时使用In和In Stereo接口，例如键盘或者立体声效果单块。

输出接口 (Out)

此接口将信号输出至音箱。对于单声道效果，仅使用Out接口。

立体声输出接口 (Out Stereo)

对于立体声效果，同时使用Out和Out Stereo接口。



使用Looper功能 (Hold模式)

将Type旋钮转到Hold档，进入Looper模式，此时指示灯不亮。

首次踩下踩钉，开始第一层录音，LED红色指示灯会慢速闪烁。在录制完第一层后，再次踩下踩钉会开始回放，此时LED绿色指示灯会常亮。再次踩下踩钉可开始叠加录音，此时LED红色指示灯和绿色指示灯会一起慢速闪烁。每次踩下踩钉都会做如下循环：播放—叠层录音—播放……您可以录制无限多层的叠层录音。

快速短踩踩钉两次可以停止Looper，停止时LED绿色指示灯慢速闪烁。在停止状态下，短踩踩钉开始回放；再次踩下开始叠加录音。在任何状态下，长踩踩钉两秒会清除所有录音，此时LED红色指示灯会快速闪烁后熄灭。

Tone Lock功能

T.Lock

设置三段拨挡开关到T.Lock位置可以暂时锁定当前旋钮的设置，这将防止您在舞台上因误操作而改变设定。

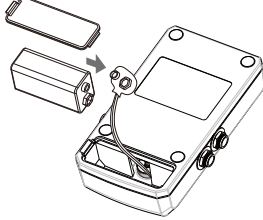
保存和召回预设

Time Core Deluxe允许用户保存和召回一个预设。在您设置效果之后，踩下踩钉，将三段拨挡开关拨到T.Lock位置，可将当前的设置保存为预设。要召回预设，可在机器通电前（连接电源适配器和In接口）将三段拨挡开关拨到T.Lock位置。

注意：在锁定音色或预设模式下，当旋钮转动到存储的参数相匹配的位置时，LED会闪烁一次提醒您这个位置。

关于电池

本产品随包装赠送一颗9V电池用于测试。
当效果器电源指示灯变暗，甚至声音不正常时，请更换新的电池。为了避免不必要的电池消耗，在不使用效果器时，请把音频线从In输入口中拔出。强烈推荐使用NUX ACD-006A电源适配器（选配）或者高质量效果器专用电源供电。



故障排除

无法开机

- 检查电源适配器是否正确牢固。
- 如果使用电池供电，请尝试更换新电池。
- 检查In接口是否连接。

没有声音

- 尝试将乐器直接连接到效果器，并将效果器输出直接连接至音箱，保证乐器和音箱的音量都已打开。
- 检查所有连接线是否连接正确牢固。

声音质量差

- 确保所有连接线与效果器、吉他和播放装置（例如音箱）连接牢固。
- 确保使用正确的电源适配器（9V \oplus \ominus ）。
- 如果使用电池供电，请尝试更换电池。为获得最长的电池使用寿命，我们建议您使用新的高质量碱性电池。

转动旋钮无法改变效果

- 检查是否在预设模式下。尝试将三段拨挡开关拨到Normal或者Tail位置，关掉电源并再次打开电源。
- 检查三段拨挡开关是否在T.Lock位置，如果是，将它切换到Normal或者Tail位置。

技术规格

- 效果类型：7种延时效果和循环录音效果
- 预设数量：1
- 标称输入电平：-20 dBu (吉他) +3 dBu (最大)
- 输入阻抗：1M Ω
- 标称输出电平：-20 dBu (吉他) +3 dBu (最大)
- 输出阻抗：1k Ω
- 残余噪声水平：-93 dBu (最小)
- 电流消耗：103 mA
- 电源：9V电池或者9V交流适配器（可选配NUX ACD-006A 9V \oplus \ominus ）
- 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。

注意事项

- 使用环境：
 - 1.避免在高温、潮湿、零下等恶劣的环境中使用。
 - 2.避免在阳光直射下使用。
- 请勿自行拆卸本机。
- 请保存好本手册以便以后查阅。

随机附件

- 一个9伏电池(仅作测试用途)
- 说明书
- 保修卡

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

制造商

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执行标准：Q/WK02 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

10 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。

产品中有毒物质的名称及含量

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	×	○	○	○	○	○

*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，但根据现有的技术水平，还没有什么物质能够替代它。

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 数字延时效果器

型号
Type Time Core Deluxe

生产日期
Date

本产品经检验合格
This product is inspected and approved.
执行标准: Q/WK02 001-2020
Product is certificated with Q/WK02 001-2020

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