

TAPE 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!

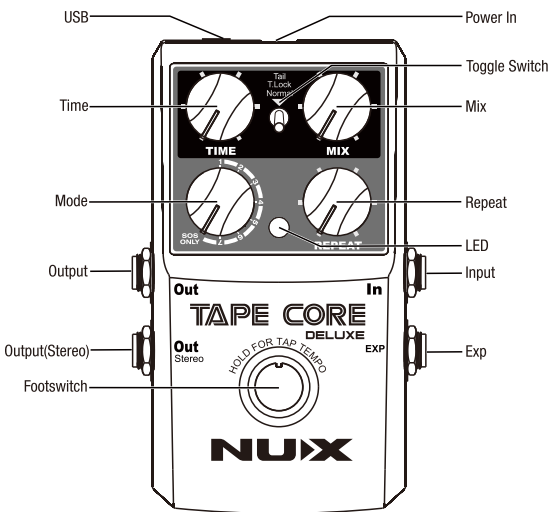
Thank you for selecting the NUX products! With years of research, we are proud to launch the new generation of the NUX pedals-The Tape Core Deluxe pedal! It's a tribute to the legendary tape echo with a constrict size.

Tape Core Deluxe is a compact stomp box that offers classic tape echo tone. Just like the real echo, Tape Core Deluxe has 3 repro heads provided 7 different combinations of delay sounds. All the natural sound, decay, modulation are created by NUX TS/AC Technology! Tape Core Deluxe is convenient, professional and inspiring!

Features

- 7 delay combinations from 3 repro heads
- Killer sound quality
- True Bypass and Buffered Tail Feature
- Long press the footswitch for Tap Tempo Function
- Relay Bypass provide quieter switching
- NUX Original TS/AC Technology
- 32bit DSP, Hi Performance 24bit/44.1kHz AD/DA Converter

Product Description



Time knob
Set the delay time.

Mix knob
Set the volume of the repeat.

Repeat knob
Set the number of repeat.

Mode knob
Select delay types.

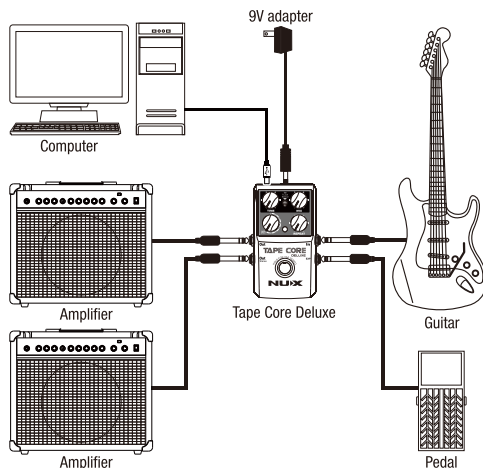
Toggle switch
Tail: This means the repeats of the delay will not be cut when you bypass the pedal.

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.

Footswitch
Using the footswitch to turn on the delay effect or bypass. Long press the footswitch could change to Tap Tempo function to determine the delay time. Under the Tap Tempo function, the Longest delay time could be 1.5s.

Connection



Power In
Connect a 9V (negative tip) adaptor. Optional NUX ACD-006A is recommended.
NOTE: Using other adaptor may cause damage or noise.

USB
For Firmware Updating.

Input
This is the input jack for plugging into the guitar.
NOTE: When you use battery, In jack is also the power trigger, so sure the In jack is always connected to keep the power on.

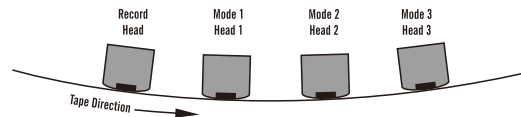
EXP
Connect to an expression pedal to control the time knob by foot. Then you could get a special sound while playing.

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

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

Mode

Mode	Description
Mode 1-Repro head 1	Mode 1 uses the Repro Head 1 to feedback the repeat, so the delay time is shortest: 55ms-182ms. The repeat is similar to triplet note.
Mode 2-Repro head 2	Mode 2 uses the Repro Head 2 to feedback the repeat, so the delay time is medium: 110ms-364ms. The repeat is similar to quaver.
Mode 3-Repro head 3	Mode 3 uses the Repro Head 3 to feedback the repeat, so the delay time is longest: 165ms-546ms. The repeat is similar to crotchet.
Mode 4-Repro head 1 + 2	Mode 4 uses the Repro Head 1 and 2 to get multi repeats.
Mode 5-Repro head 2 + 3	Mode 5 uses the Repro Head 2 and 3 to get multi repeats.
Mode 6-Repro head 1 + 3	Mode 6 uses the Repro Head 1 and 3 to get multi repeats.
Mode 7-Repro head 1 + 2 + 3	Mode 7 uses the Repro Head 1, 2 and 3 to get multi repeats.
Mode 8-Sound on Sound	Sound on sound means the signal record and repeat while return to the original.



Tone Lock Function

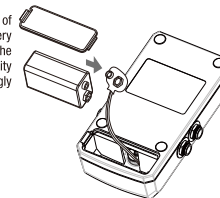
T.Lock
Set the 3-way toggle switch to T.Lock position can temporarily freeze the current settings of the knobs. This helps to keep you settings from being changed by accident on stage.

Save and Recall Preset
Tape 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 or 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, \ominus \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 repro head combination types and Sound on Sound type.
- Preset: 1
- Nominal Input Level: -20 dBu (Guitar)
- Nominal Output Level: -3 dBu (Max.)
- Input Impedance: 1M Ω
- Nominal Output Level: -20 dBu (Guitar)
- Output Impedance: 1k Ω
- Residual Noise Level: -93 dBu (Min.)
- Current Draw: 103mA
- Power Supply: 9V Battery or AC adaptor to the DC 9V \ominus \oplus \ominus (optional NUX ACD-006A)
- Dimensions: 122mm(L) x 72mm(W) x 47mm(H)
- Weight: 270g

*Specification may change without notice.

Precautions

- Environment:**
 - Do NOT use the pedal in high temperature, or high humidity, or subzero environments.
 - Do NOT use the pedal in the direct sunlight.
- Please do NOT disassemble the pedal 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

NUX

TAPE CORE DELUXE

磁带延时效果器 使用说明书

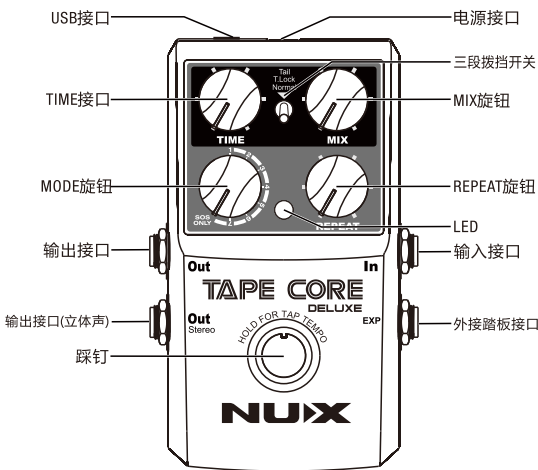
感谢您选择NUX的产品！经过数年的研究，我们很自豪的推出新一代NUX单块效果器—Tape Core Deluxe！我们用这个小巧的单块效果器向传奇的磁带回声致敬。

Tape Core Deluxe提供了经典的磁带回声音色，就像真实的磁带回声。它有三个磁头效果，可提供七种不同组合的延迟音色。所有自然的音色、衰减、调制皆由NUX TSAC(技术创造)！Tape Core Deluxe操作方便、专业，可以带给乐手无限灵感！

产品特点

- 由三种磁头效果构成的七种延迟组合
- 杀手级的音色质量
- 真直道及硬件尾声保留
- 长压踩钉设定延时功能
- 继电器真直道开关提供更安静的效果切换
- 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

产品界面



TIME旋钮
设定延时时间。

MIX旋钮
设定重复的音量。

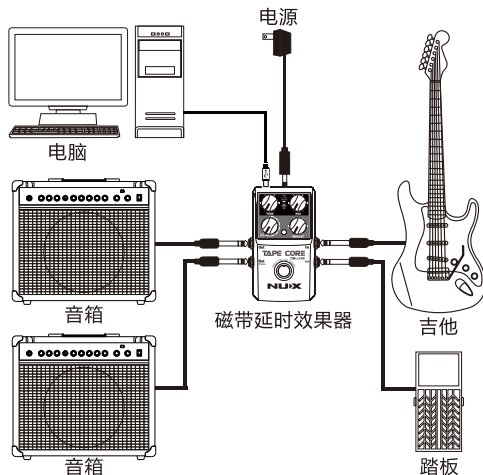
REPEAT旋钮
设定重复的次数。

MODE旋钮
选择延时的模式。

三段拨挡开关
Tail：在此模式下，当旁路掉效果器时，重复的尾音不会被切断。
T.Lock：设定在此模式可以锁定设置的参数。
Normal：在此模式下，当旁路掉效果器时，重复的尾音会跟着一起切断。

踩钉
使用踩钉可开启或关闭延时效果。长压踩钉进入Tap Tempo功能，可设定延时时间。在Tap Tempo模式之下，延迟时长设定最长可达1.5秒。

设备连接



电源接口

用9V外正内负电源适配器供电。
推荐使用NUX ACD-006A电源适配器（选配）。
注意：其它电源有可能导致噪音或者设备损坏。

USB接口

可用于软件升级。

输入接口

用于接入吉他信号。
注意：电池供电时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本产品处于开机状态。

输出接口

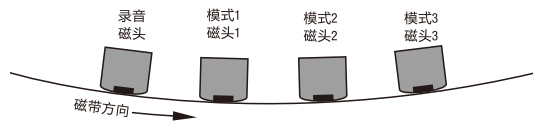
可以连接至电吉他音箱。

输出接口（立体声）

对于立体声效果，同时使用OUT和OUT Stereo接口。

模式

模式	描述
模式1-磁头1	模式1使用磁头1制造延时，所以延时时间是最短的：55ms-182ms延时的音符是接近三连音的。
模式2-磁头2	模式2使用磁头2制造延时，所以延时时间是中等的：110ms-364ms延时的音符是接近八分音符的。
模式3-磁头3	模式3使用磁头3制造延时，所以延时时间是最长的：165ms-546ms延时的音符是接近四分音符的。
模式4-磁头1+2	模式4使用了磁头1及磁头2产生多重的延时音符。
模式5-磁头2+3	模式5使用了磁头2及磁头3产生多重的延时音符。
模式6-磁头1+3	模式6使用了磁头1及磁头3产生多重的延时音符。
模式7-磁头1+2+3	模式7使用了磁头1、磁头2及磁头3产生多重的延时音符。
模式8-选声 (SOS)	SOS模式下可将音符讯号不断的堆栈，类似LOOPER的功能。



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，这将帮助您防止在舞台上误操作。

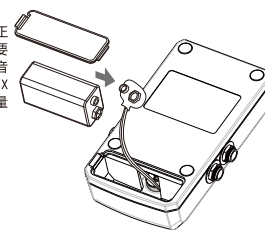
保存和召回预设

TAPE CORE DELUXE允许用户保存和召回一个预设。在您设置效果之后，踩着踩钉，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，当旋钮转动到与存储的参数相匹配的位置时，LED灯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。
- 检查切换器是否在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种磁头组合类型及选声类型
- 预设数量：1
- 标称输入电平：-20dBu（吉他）+3dBu（最大）
- 输入阻抗：1M Ω
- 标称输出电平：-20dBu（吉他）+3dBu（最大）
- 输出阻抗：1K Ω 0 Ω （旁路）
- 残余噪声水平：-93dBu（最小）
- 电流消耗：103mA
- 电源：9V电池或DC 9V电源适配器 \oplus \ominus （选配NUX ACD-006A）
- 尺寸：122mm(L) x 72mm(W) x 47mm(H)
- 重量：270g

*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

深圳市蔚科电子科技有限公司

制造商地址

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电话：0755-2686 9866 网址：www.nuxefx.com

生产商

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珠海市高新区唐家湾镇科技九路10号
电话：0756-3689 866
执行标准：Q/WKQZ 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限。所谓环保使用期限是指在制造日起的规定的期限内，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	“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 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 Name 磁带延时效果器

生产日期 Date 型号 Type Tape Core Deluxe

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

中国制造
www.nuxefx.com