

Owner's Manual

MOD CORE DELUXE

NUX

www.nuxefx.com

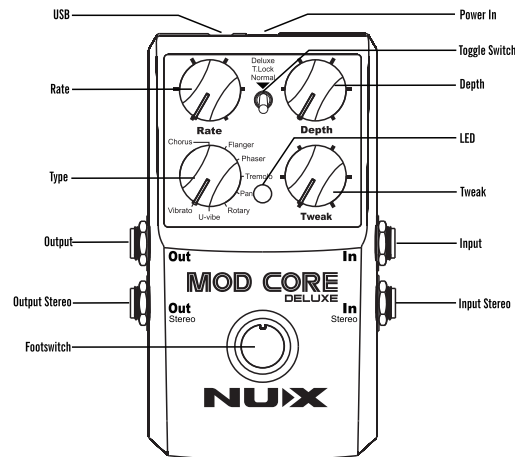
Thank you for selecting the NUX products! With years of research, we are proud to launch the new generation of the NUX pedals - The Core Deluxe Series! Based on the popular NUX Core pedals, the Deluxe series pedals have upgraded hardware circuits and new algorithm (digital models only) that ensure ultra-low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

MOD CORE DELUXE is a multi-modulation effects pedal with Chorus, Flanger, Phaser, Tremolo, Rotary, Pan, U-Vibe, and Vibrato effects. Each effect has Normal and Deluxe modes! Tone Lock function keeps your settings safe on stage. MOD CORE DELUXE is the most versatile modulation pedal at this size!

Features

- 8 Modulation Effects with Normal and Deluxe Modes!
- 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
- Tone Lock Function to Freeze Settings and Save One Preset
- True Bypass
- Powered by one 9V Battery or Optional 9V Adaptor with Negative Tip

Product Description



Rate Knob

Set the speed of the chosen effect.

Depth Knob

Set the depth of the chosen effect.

Type Knob

Choose an effect type.

Tweak

Set the parameter of the chosen effect.

Toggle Switch

Switch the T.Lock function or Normal/Deluxe Modes.

Footswitch

Press the footswitch to engage or bypass the effect.

Connection

Power In

Connect a 9V (Negative Tip) Adaptor. Optional NUX ACD-008A is recommended.

NOTE: Using other adaptor may cause damage or noise.

USB

For Firmware Updating.

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

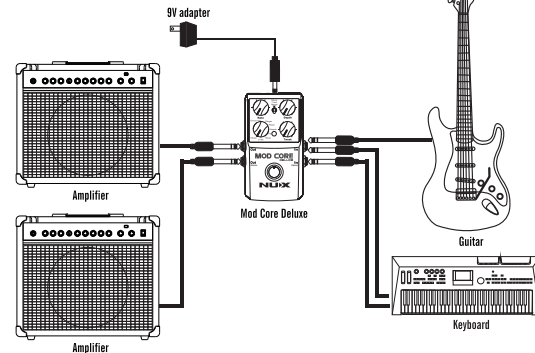
For stereo effect, use both In and In Stereo jacks, i.e. keyboard or stereo effects pedal.

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.



Using Effects

See Form 1 for the effects of Normal and Deluxe Modes, and the functions of the Tweak Knob:

Form 1

Normal Mode	Deluxe Mode	Tweak
Chorus	Tri-Chorus	Mix (effect level)
Flanger	Tape Flanger	Feedback
Phaser	8 Stage Phaser	Feedback
Tremolo	Optical Tremolo	Width
Rotary	Rotary Effect with Cab Sim.	Level Balance of Bass Speaker and Horn
Pan	Pan with High & Low-Cut	Width (the width of stereo)
U-Vibe(Chorus)	U-Vibe(Vibrato)	Volume
Vibrato(Normal)	Footswitch becomes Momentary	Volume

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.

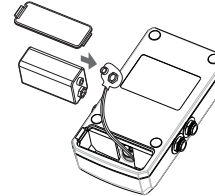
Save and Recall Preset

MOD 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-008A) is strongly recommended.



Troubleshooting

Power Does Not Turn On

- Check if the adaptor is connected correctly and securely.
- 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 amplifier, and make sure the volume of the instrument and the amplifier is turned on.
- Check if all the cable connections are good and secure.
- Check if U-Vibe or Vibrato effect is chosen and the Tweak knob is turned all the way down.

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 voltage (9V, Ⓢ, Ⓢ, Ⓢ). We strongly recommend the NUX ACD-008A adaptor. Using other adapter may cause noise or malfunction.
- 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 Deluxe position, turn off the power and turn on again.
- Check if the toggle switch is in T. Lock position. If yes, set it to Normal or Deluxe position.

Specifications

- Effects: 8 types, each has Normal and Deluxe Modes
- Preset: 1
- Nominal Input Level: -20 dBu (GUITAR)
+3 dBu (Max.)
- Input Impedance: 1 MΩ
- Nominal Out put Level: -20dBu (GUITAR)
+3dBu (Max.)
- Output Impedance: 1kΩ
- Residual Noise Level: -94dBu
- Current Draw: 48mA (9 V)
- Power Supply: 9V Battery, or AC adaptor to the DC 9V Ⓢ, Ⓢ, Ⓢ (optional NUX ACD-008A)
- Dimensions: 122mm (L) x 72mm (W) x 47mm (H)
- Weight: 270g

* Specification may change without notice.

Precautions

- Environment:
 1. Do NOT use the MOD CORE DELUXE in high temperature, or high humidity, or subzero environments.
 2. Do NOT use the MOD CORE DELUXE in the direct sunlight.
- Please do NOT disassemble the MOD CORE DELUXE by yourself.
- Please keep this manual for future reference.

Accessories

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

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.

CE mark for European Harmonized Standards

CE Mark which is attached to our company's products of Battery mains the product is in fully conformity with the harmonized standard(s) EN 61000-6-3:2007+A1:2011 & EN 61000-6-1:2007 Under the Council Directive 2004/108/EC on Electromagnetic Compatibility.

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!

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www.nuxefx.com

Made in China

MOD CORE DELUXE 数字周边效果器 使用说明书

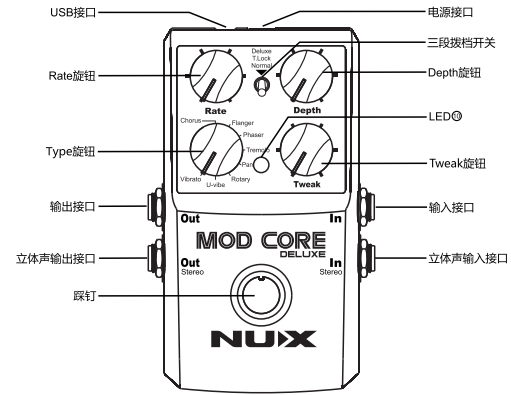
感谢您选择NUX的产品！经过数年的研究，我们很自豪的推出新一代NUX单块效果器—CORE DELUXE系列！以畅销经典NUX CORE系列单块为基础，全新的DELUXE系列升级了硬件电路，采用新的算法（仅限于数字型号），保证了超低的噪音和完美的音色！

MOD CORE DELUXE是集多种周边效果于一身的数字周边单块，包括Chorus, Flanger, Phaser, Tremolo, Rotary, Pan, U-Vibe和Vibrato。每种效果都有Normal和Deluxe模式！Tone Lock功能瞬间锁定当前设置。MOD Core Deluxe是同等尺寸中最全面的周边效果单块！

产品特点

- 包含8种周边效果，每种效果都有Normal和Deluxe两种模式供选择
- NUX原创的TSAC（仿真模拟电路）技术
- 32bit DPS，高品质24bit 44.1kHz数模转换
- 升级版硬件保证超低噪音
- 真实立体声信号处理系统可自动检测输入/输出线路
- 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 (⊖ ⊕ ⊖) 电源适配器供电

产品界面



Rate旋钮
调节所选择效果的速度。

Depth旋钮
调节所选择效果的深度。

Type旋钮
选择一个效果类型。

Tweak旋钮
设置所选择的效果参数。

三段拨档开关
切换T.Lock功能或Normal/Deluxe模式。

踩钉
按下踩钉可以激发效果或者旁路掉效果器。

设备连接

电源接口
用9V外正内负的电源适配器供电。
推荐选配NUX ACD-008A电源适配器。
注意：其它电源有可能导致噪音或者设备损坏。

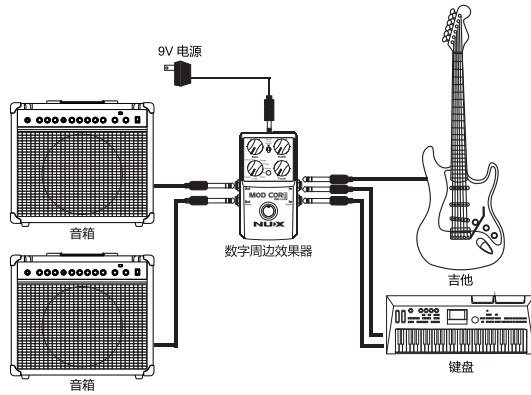
USB接口
可用于软件升级。

输入接口
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
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
对于单声道效果，仅使用OUT接口。

立体声输出接口
对于立体声效果，同时使用OUT和OUT Stereo接口。



使用指南

请参照表1内普通模式和豪华模式的效果，以及Tweak旋钮的功能：

表1：

Normal模式	Deluxe模式	Tweak旋钮
Chorus	Tri-Chorus（三个声部的合唱效果）	调节合唱效果混合比
Flanger	Tape Flanger	调节弗兰格的反馈深度
Phaser	8 Stage Phaser	调节相位的反馈深度
Tremolo	Optical Tremolo	调节震音的立体声宽度
Rotary	带箱体模拟的Rotary效果	调节低音喇叭和高音喇叭的音量平衡
Pan	Pan（带高低音衰减）	调节声场的立体声宽度
U-Vibe(Chorus)	U-Vibe(Vibrato)	音量
Vibrato(Normal)	颤音（踩下踩钉有效果，抬起效果消失）	音量

TONE LOCK 功能

T. LOCK

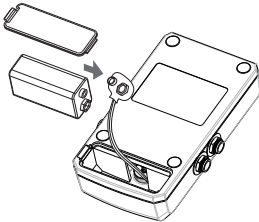
设置三段拨档开关到T.Lock位置可以暂时锁定当前旋钮的设置，这将防止您在舞台上因误操作而改变设定。

保存和召回预设

MOD 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，将三段拨档开关拨到T.Lock位置，可将当前的设置保存为预设。要召回预设，可在效果器通电前（连接电源适配器和IN接口）将三段拨档开关拨到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会闪烁一次提醒您这个位置。

关于电池

本机随包装赠送一颗9V电池，用于测试用途。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，在不用效果器时，请把音频线从IN输入口中拔出。强烈推荐选用选配NUX ACD-008A电源适配器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连接正确牢固。
- 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单块，并将单块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。
检查是否U-Vibe或Vibrato效果被选择，同时Tweak旋钮被调节到最低。

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, ⊖ ⊕ ⊖）。我们强烈建议您选用NUX ACD-008A电源适配器。使用其它适配器可能会造成噪音或故障。
- 如果使用电池供电，请尝试更换电池。为获得最长的电池寿命，我们建议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。尝试将三段拨档开关转到Normal或者Deluxe位置，关掉电源并再次打开。
- 检查三段拨档开关是否在T.Lock位置，如果是，将它切换到Normal或者Deluxe位置。

技术规格

- 效果类型：8种效果(每种效果均有Normal和Deluxe模式)
- 预设数量：1
- 标称输入电平：-20dBu (吉他)
+3dBu (最大)
- 输入阻抗：1MΩ
- 标称输出电平：-20dBu (吉他)
+3dBu (最大)
- 输出阻抗：1kΩ
- 残余噪声水平：-94dBu (最小)
- 电流消耗：48mA
- 供电：9伏电池或者DC 9V电源适配器 ⊖ ⊕ ⊖ (选配NUX ACD-008A)
- 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

质量承诺

亲爱的小天使用户：

在您使用小天使产品时，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

[请向销售商索取有效购买凭证并予以保存]

换修政策

一、包换政策：

- 1.消费者自购机之日起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的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收据及保修卡，否则经销商可以不予更换。

二、保修政策：

产品在购买之日起1年内，可免费享有维修服务；对于超过1年的产品及人为或不可抗力因素造成损坏的产品，我司可提供有偿维修服务。

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