

# Owner's Manual

## MOD CORE DELUXE

**NUX**

www.nuxefx.com

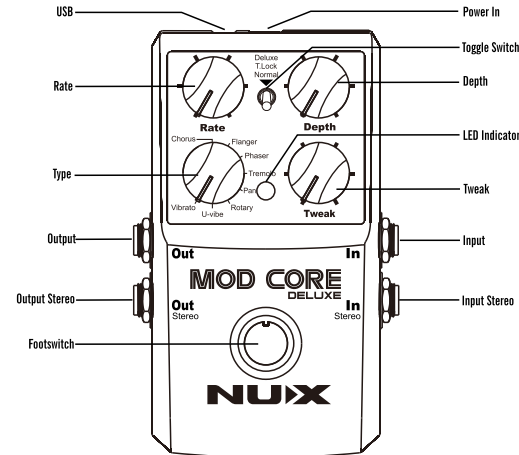
Thank you for selecting the NUX products! With years of research, we are proud to launch the new generation of the NUX pedals - The Core Deluxe Series! Based on the popular NUX Core pedals, the Deluxe series pedals have upgraded hardware circuits and new algorithm (digital models only) that ensure ultra-low 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
- 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-006A is recommended.  
**NOTE:** Using other adaptor may cause damage or noise.

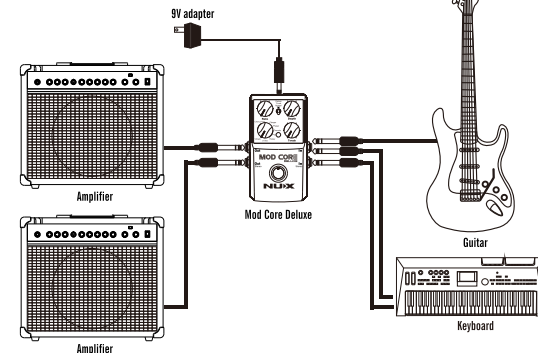
**USB**  
For Firmware Updating.

**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

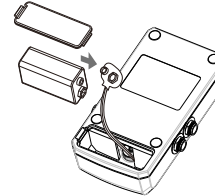
**T. LOCK**  
Set the 3-way toggle switch to T. Lock position can temporarily freeze the current settings of the knobs. This helps to keep you settings from being changed by accident on stage.

**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-006A) 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-006A 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-006A)
- 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!**

