

Owner's Manual

TIME CORE DELUXE

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.

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!

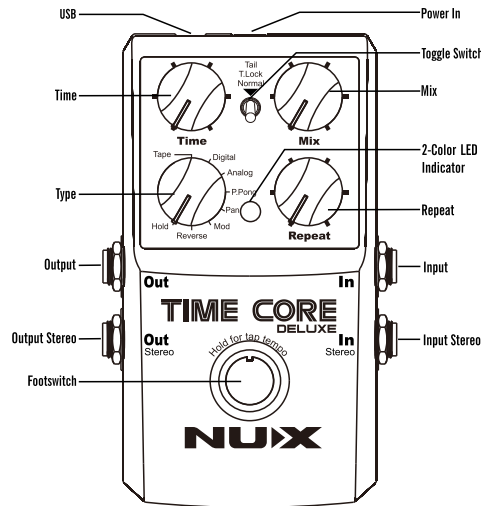
Thank you for selecting the NUX products! With years of research, we are proud to launch the new generation of the NUX pedals - The Core Deluxe Series! Based on the popular NUX Core pedals, the Deluxe series pedals have upgraded hardware circuit and new algorithm that ensure ultra-low noise and great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

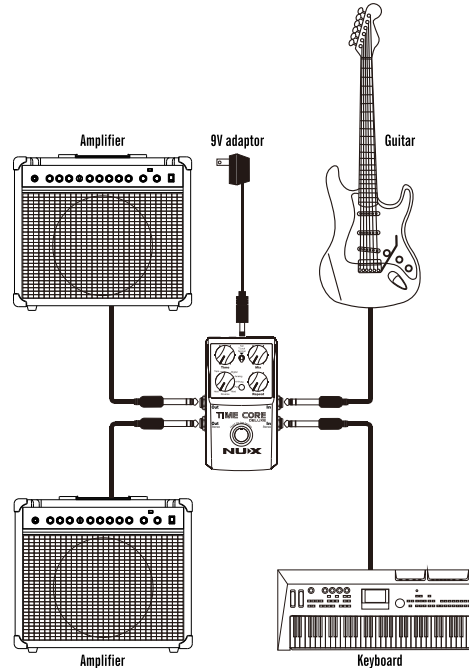
For stereo effect, use both In and In Stereo jacks, i.e. keyboard or stereo effects pedal.

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.

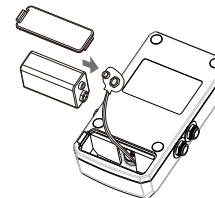
Save and Recall Preset

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. Power adaptor (optional NUX ACD-006A) is strongly recommended for this pedal since the power consumption of this unit is relatively high. If it is powered by battery, change a new battery when the LED goes dim and the sound get distorted. To save battery life, unplug the cable from the In jack when it is not in use.



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 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 voltage (DC 9V, ⊕ ⊖ ⊖). We strongly recommend the NUX ACD-006A adaptor. Using other adaptor may cause noise or malfunction.
- If it is powered by battery, try a new battery. For longest battery life, we suggest a 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: 1 MΩ
- Nominal Out put Level: -20 dBu (GUITAR) +3 dBu (Max.)
- Output Impedance: 1 kΩ
- Residual Noise Level: -93 dBu (MIN.)
- Current Draw: 103mA
- Power Supply: 9V Battery or 9V AC Adaptor (optional NUX ACD-006A, 9V, ⊕ ⊖ ⊖)
- 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

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.

