

TIME CORE
Digital Delay Stomp Pedal
Users Manual
CORE SERIES



www.nuxefx.com

Thank you for selecting the **nux** CORE SERIES modeling stomp pedal! With many years of research we're proud to give you great guitar tones for your greatest music experience! Please take the time to read this manual carefully to get the most out of the unit. We recommend that you keep the manual at hand for future reference.

Time core is the Swiss knife box that creates variety types of delay and stereo loop machine with 40 seconds record time. Three knobs and one rotary switch make the operation versatile and intuitive, there is a switch for fade out of effect sound when switch off the effect.

FEATURES

- 7 delay effects.
- True stereo signal processing.
- Tone Lock function and one preset save/recall.
- Built-in 40 seconds stereo loop machine.
- New generation 32-bit DSP, high performance 24-bit 4.1kHz AD/DA convert.
- Input/output Sensing circuit select optimized routing automatically .
- True bypass.
- Runs on batteries and AC adaptor.

Copyright

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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.

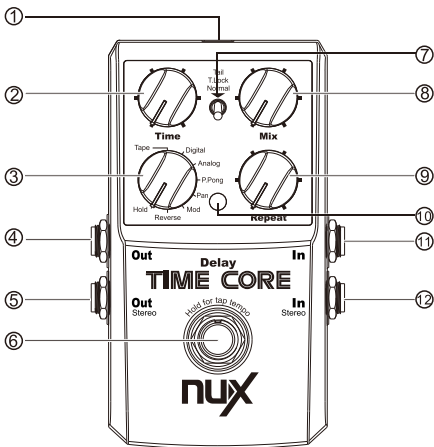


The exclamation point within a triangle means "caution!" Please read the information next to all caution signs.

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!

PRODUCT INTERFACE



1. POWER IN

Time core requires 9V DC/300 mA with center negative.
Use the power supply with identical specifications.

2. Time Knob

This knob controls the delay time.

3. Type Knob

Turn the TYPE Knob to alternate between 7 delay models and hold.

4. OUT Jack

Connect Time core OUT to the guitar amp's input.

5. OUT STEREO Jack

Connect Time core OUT STEREO to the guitar amp's input.

6. ON/OFF Switch

This footswitch is used to turn effect on/off.

7. TONE LOCK&VARIABLE toggle switch

Selecting from normal to tail, or freeze current setting by switching it to middle position.

8.Mix Knob

Use this knob to control the mix between the dry signal and the effect sound.

9.Repeat Knob

This knob sets the amount of delay returned to the input of the delay line. The higher the setting, the more repeats you get.

10.Indicator LED

This LED indicates the status for ON/OFF of effect.

11.INPUT Jack

Connect your guitar to Time core's INPUT jack

12.INPUT STEREO Jack

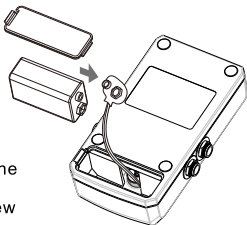
If stereo signal used, connect stereo device to INPUT and INPUT STEREO jack.

INSTALLING THE BATTERIES

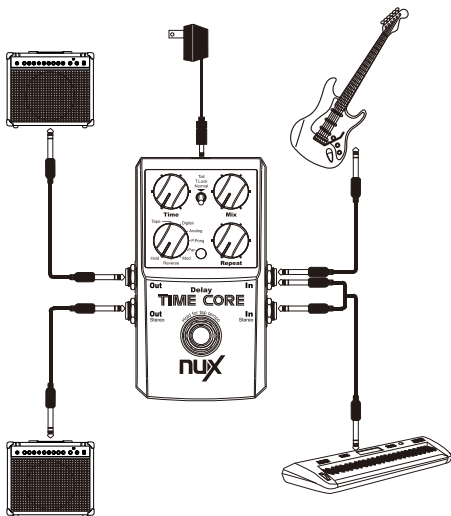
Battery is supplied with the unit. The life of battery may be limited, however, since their primary purpose was to enable testing.

Insert the batteries as shown in figure, being careful to orient the batteries correctly.

- 1.Remove the old battery from the battery housing, and remove the snap cord connected to it.
- 2.Connect the snap cord to the new battery, and place the battery inside the battery housing.
- 3.When the battery run down, the sound of unit gets distort. If this happens, replace with new battery.
- 4.Battery life can vary depending on battery type.
- 5.The power comes on when you insert the connector plug into the INPUT jack.
- 6.The use of an AC adaptor is recommended as the unit's power consumption is relatively high.



CONNECTIONS



Power ON/OFF

When running the unit on battery power, inserting a plug into the INPUT will automatically switch the unit on.

To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.

Once the connections have been completed, turn on power to your various device in the order specified. By turning on device in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

When powering up: Turn on the power to your guitar amp last.
When powering down: Turn off the power to your guitar amp first.

HOW TO USE TONE LOCK FUNCTION

1. Lock your setting temporarily
Switching to mid position, tone lock will lock your setting temporarily. All knobs lose its function.
2. Preset Saving/Recall function
Turn the toggle switch to T.lock after pressing and holding footswitch, you will save your preset. For recall the preset you saved, power off the pedal and then switch toggle switch to T.lock position, power on the pedal again.
3. Find your preset parameter
The current position of knobs maybe different with preset in T.lock position, you can adjust the knobs to make indicator LED flashing to find your preset parameter.

HOW TO RECORD YOUR PHRASE

The type knob's 8-Hold setting is used to record your stereo play up to 40 seconds long. Once a loop is created, you can add overdub parts to it. To use the loop feature, follow these steps:

1. Select 8-Hold using the Type knob.
2. Press the footswitch and immediately begin playing. The Indicator LED flashes red.
3. When you reach the end of your loop, press again the footswitch. The passage plays back in an infinite loop, and the Indicator LED is lit red.
4. To add overdubs to the existing loop, press the footswitch at any time and begin playing, the Indicator LED flashes red, indicating that anything played will be added to the loop. Press the footswitch again stops record.
5. To stop the loop, press and hold the footswitch. This puts the Time Core into Bypass. The loop stops playing and the delay loop memory is cleared.

CRAZY LITTLE THING CALLED VINTAGE

7 delay models Time Core modeled

1. Tape

This models a tape-based echo device, gives you classic tape echo warmth. The high end will deteriorate with each repeat.

2. Digital

This model is a straight up digital delay.

3. Analog

This models an analog delay that used a bucket-brigade device (BBD) instead of a tape mechanism and was known for

its compactness and reliability. It is characterized by a warmly distorted sound.

4.P. Pong

The Ping Pong delay causes the delay to alternate between the left and right channels, resulting in a very nice stereo feel.

5.Pan

This is a panning delay, with the delay sound output alternately from the left and right side.

6.Mod

This delay adds a extra chorus effect to sound.

7.Reverse

This creates a reverse playback effect. You can adjust the MIX knob setting to maximum to get effect sound long.

SPECIFICATIONS

- Effect types:7 modeling delay models
- Presets:1 storable user preset
- Sampling Frequency: 44.1 kHz
- A/D converter: 24-bit
- Signal Processing:32-bit
- Frequency response:20Hz-20000Hz ± 1 dB
- THD+N:93dBu (<0.003%) A-Weighting
- Dynamic Range:100dB
- INPUT:-20dBV@1Mohm
- OUTPUT:-10dBV (Output load impedance of 10k or more)
- Power:9V DC (9V Battery, ACD-007A Adapter)
- Dimensions: 122(L) x 72(W) x 47(H)mm
- Weight:270g

PRECAUTIONS

- Environment:
 - 1.Do NOT use the pedal in high temperature, high humidity, or subzero environments.
 - 2.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

- Owner's manual
- 9V battery

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.

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