

Owner's Manual

TAPE CORE DELUXE

NUX

www.nuxefx.com

Copyright
Copyright 2015 Cherub Technology Co. All rights reserved. NUX and TAPE CORE DELUXE are trademarks of Cherub Technology Co. Other product names modeled in this product are trademarks of their respective companies that do not endorse and are not associated or affiliated with Cherub Technology Co.
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!

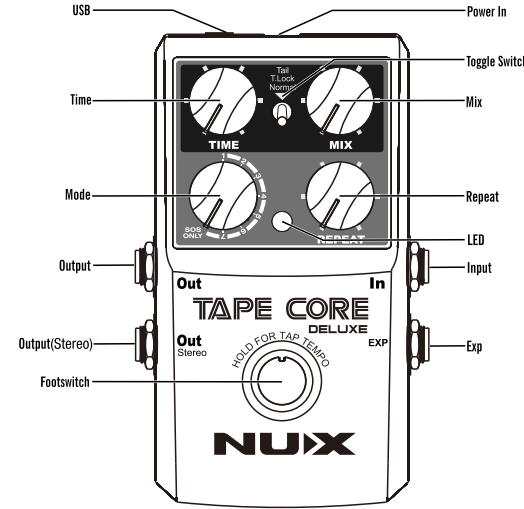
Thank you for selecting the NUX products! With years of research, we are proud to launch the new generation of the NUX pedals - The Tape Core pedal! It's a tribute for the legendary tape echo with a constrict size.

Tape Core is a compact stomp box that offers classic tape echo tone. Just like the real tape echo, Tape Core 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 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 TSAC 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.

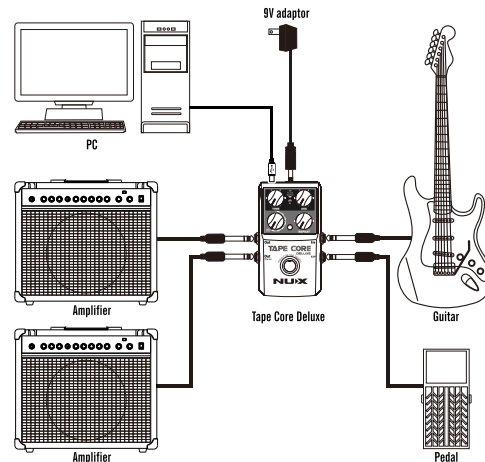
T.Lock: Put the toggle switch to this position will freeze the current settings.

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

Plug in the instrument to this jack.

NOTE: In jack is also the power trigger, so make sure the In jack is always connected to keep the power on.

EXP

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

Output

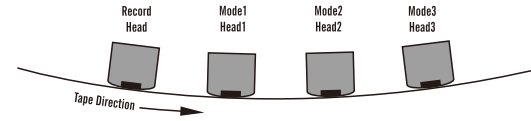
This outputs the signal to amplifier. For mono effect, use only the Out jack.

Out Stereos

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

Mode

Mode	Description
Mode 1-Repro head1	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 head2	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 head3	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 head1+2	Mode 4 uses the Repro Head 1 and 2 to get multi repeats.
Mode 5-Repro head2+3	Mode 5 uses the Repro Head 2 and 3 to get multi repeats.
Mode 6-Repro head1+3	Mode 6 uses the Repro Head 1 and 3 to get multi repeats.
Mode 7-Repro head1+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.

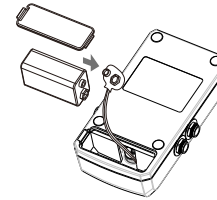
Save and Recall Preset

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. 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 specifications (DC 9V, \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)
+3 dBu (Max.)
- Input Impedance: 1 M Ω
- Nominal Out put Level: -20 dBu (GUITAR)
+3 dBu (Max.)
- Output Impedance: 1 k Ω
0 Ω (BYPASS)
- 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:
 1. Do NOT use the pedal in high temperature, or 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

- 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.

