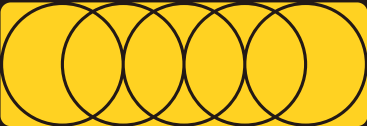


NUX



Owner's Manual

DUAL LOOP
STEREO



MONARCH SERIES

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Accuracy

Whilst every effort has been made to ensure the accuracy and content of this manual, Cherub Technology Co., Ltd. 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.

This device complies with part 15 of the 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. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.



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 choosing NUX Dual Loop Stereo pedal! This manual will guide you through all of its functions and details, helping you get started quickly and unlock its full potential.

Overview

The NUX DUAL LOOP STEREO stands as an exceptional companion for guitarists, singer-songwriters, and all musicians eager to explore the art of looping in their performances or compositions.

Equipped with dual loop tracks and two distinct drum patterns, it empowers you to seamlessly weave together two independent sections of a song with precision and creativity. Furthermore, its arsenal includes a suite of built-in effects—such as Octave, Booster, Cabinet Simulator, and Reverb. A high-definition color LCD display ensures intuitive control, while stereo Mic/Instrument inputs and outputs, along with MIDI in/out functionality, provide unparalleled versatility.

Whether you're honing your craft during practice sessions, crafting melodies in the studio, or captivating audiences on stage, this remarkable dual-track loop pedal will ignite your imagination and transform your musical journey.



Features

● Dual-Track looper & Dual drum kit	● Data Format: WAV (44.1 kHz, 32-bit float, stereo)
● 99 phrase memories	● Customized GIF Boot-up display (960*376 pixels, Max size 2M)
● 90 minutes of stereo recording time on a single track	● 2.86” high-definition colored LCD display (960*376 pixels)
● 26 hours of stereo recording time in total	● INPUT: Mono/stereo 1/4 inch inputs including XLR mic input with phantom power
● 42 rhythm presets with 672 rhythm variations	● OUTPUT: Mono/stereo 1/4 inch outputs, 1/8 inch headphones output
● 4 effects including Octave, Booster, Cabinet Simulation, Reverb (for drum or input 1)	● Support for expanded control via external footswitches, an expression pedal, or MIDI
● Sampling Frequency: 44.1 kHz	● Full MIDI I/O provided with space-saving mini TRS jacks
● AD/DA Conversion: 32 bits	● USB audio with Loop-back
● Processing: 32-bit floating point	

Control Panel & I/O Jacks

Control Panel



①	Colored LCD display
②	HOME/MEMORY/Back knob Twist this knob to select a memory from 01-99. Press the knob to return to Settings. Press and hold the knob to return to Home from all settings.
③	PARA/Confirm knob Twist this knob to change settings or adjust parameters. Press the knob to enter a setting or confirm a setting.
④	TRACK 1 knob Twist this knob to adjust the volume level of Track 1.
⑤	TRACK 2 knob Twist this knob to adjust the volume level of Track 2.
⑥	DRUM 1 knob Twist this knob to adjust the volume level of Drum 1.
⑦	DRUM 2 knob Twist this knob to adjust the volume level of Drum 2.
⑧	MIC LEVEL knob Twist this knob to adjust the gain of your microphone input.
⑨	MASTER knob Twist this knob to adjust the master volume.
⑩	Loop Mode button Press this button to choose between A/B SPLIT mode, A+B SYNC mode, and GIG mode(No drum). A/B Split mode: A/B Split mode is ideal for playing or practicing a two-part song. You can have different chords and drums in loop A from loop B, play them one after another separately. A+B Sync mode: A+B Sync mode is ideal for playing or practicing a song with two instruments or voices, such as a guitar and a microphone or a guitar and a bass. You can mix the volumes of loop A and loop B and the drum to create the best phrases. GIG mode (No drum): GIG mode (no drum) is perfect for a gig with two independent loops. You have no limits but two simple loops to help you sing or play solo. <div>  Note: When using A/B Split Mode or A+B Sync Mode, the recording must be synced to the drum machine's beat. In GIG Mode, however, there's no drum machine involved, so you have complete freedom to record two phrases for the loop A & loop B. </div>
⑪	DRUM/STYLE button Press this button to turn on/off the drum. Press and hold this button to set up the drum style. <div>  Note: This button is inactive in GIG mode. </div>

12 TAP TEMPO button

Press this button multiple times to set the tempo value by tapping. Press and hold this button to enter the tempo value setting.

13 SAVE/DEL button

Press this to save your recording data to memory. Press and hold this button to delete a memory.

14 Footswitch 1

This footswitch has different functions in different modes.

A/B Split mode:

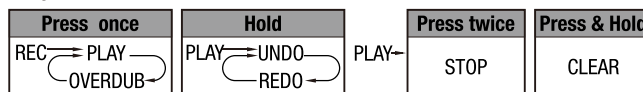
You can control the recording of Track 1 with this footswitch. Click this footswitch to start recording/playing/dubbing. Double-click this footswitch to stop playing. Hold this footswitch to redo/undo your recording.

A+B Sync mode:

You can control recordings of Track 1 or Track 2 with this footswitch. Click the footswitch to start recording, playing, or dubbing. Double-click it to stop playing. Hold it to redo or undo your recording.

GIG mode (No drum):

You can control the recording of Track 1 with this footswitch. Click this footswitch to start recording/playing/dubbing. Double-click this footswitch to stop playing. Hold this footswitch to redo/undo your recording.



15 Footswitch 2

This footswitch has different functions in different modes.

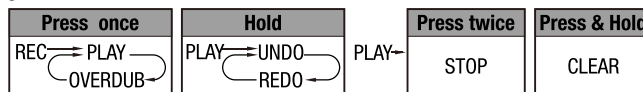
A/B Split mode:

You can control the recording of Track 2 with this footswitch. Click this footswitch to start to record/play/dub. Double-click this footswitch to stop playback. Hold this footswitch to redo or undo your recording.



A+B Sync mode:

You can select Track 1 or Track 2 by pressing this footswitch.



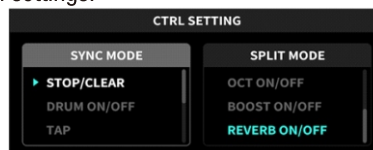
GIG mode (No drum):

You can control the recording of Track 2 with this footswitch. Click this footswitch to start to record/play/dub. Double-click this footswitch to stop playback. Hold this footswitch to redo or undo your recording.

16 Footswitch 3 (CTRL)

Click this footswitch to stop playing the loop or drum. When the loops are stopped, hold this footswitch to clear the data of both Track 1 and Track 2.

* You can configure the function of the CTRL in the Global settings.



I/O Jacks



- | | |
|----|--|
| 17 | MIC/INPUT 1
Connect your microphone or guitar to this input jack. |
| 18 | +48V Toggle Switch
When using a condenser microphone, you can activate the +48V phantom power using this toggle switch.
Warning!
Please do not activate the phantom power if you are not using a condenser microphone. Doing so may damage your equipment if it is not compatible with a phantom power. |
| 19 | INST/INPUT 2
Connect your guitar or instrument to this input jack. |
| 20 | OUTPUT L (Mono)
Connect to an amp or a mixer with the OUTPUT jack. |
| 21 | OUTPUT R
Connect to an amplifier or a mixer with the OUTPUT jack. |
| 22 | AUX IN
Connect your audio equipment to this jack. |
| 23 | PHONES
Connect your earphones to this jack. |

24 MIDI IN

Connect your MIDI device to this jack to input MIDI signals.

25 MIDI OUT

Connect your MIDI device to this jack to output MIDI signals.

26 EXP Jack

The Dual Loop Stereo automatically detects connected pedals. The "EXP FS" menu option dynamically adjusts its label and function to match the detected device.

You can connect an NMP-2 LITE Dual Footswitch to this jack to enable extra control of this product. You can set up the control in the Global Settings as outlined below.



You can also connect an expression pedal to this jack to control the volume setting of this product. You can setup the volume control in Global Setting as below.



27 DC IN jack

Connect the NUX ACD-006A adapter (9V 500mA) to power on this product.

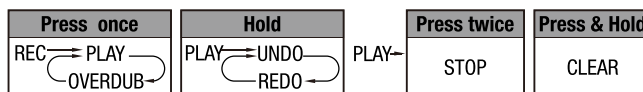
How to use

It's easy to create loops and practice with NUX Dual Loop Stereo.

1. Power on the Dual Loop Stereo pedal, by connecting the power supply.
2. Rotate the MEMORY encoder to select an empty memory from 01 ~ 99, then you can press the foot switch to RECORD/PLAY/DUB your loops.

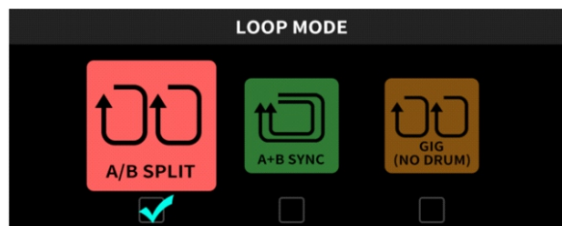


3. You can also hold the foot switch to UNDO/REDO/CLEAR.



SYNC mode & SPLIT mode

• A/B



When you select SPLIT mode for recording, you can record two tracks separately and play track 1 and track 2 one by one. In this mode, you can set DRUM 1 to play along with track 1 and DRUM 2 to play along with track 2. The SPLIT mode is handy if you want to play a song with A/B parts that have different phrasing and drum settings.



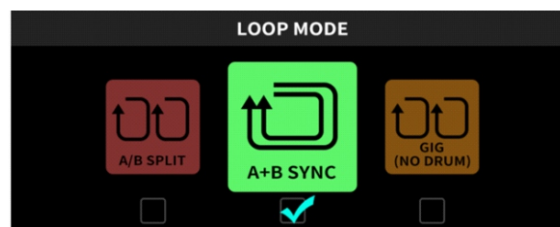
Track 1



Track 2

You can press the footswitch 1 to record/play/dub Track 1, and press the footswitch 2 to record/play/dub on Track 2.

●A+B SYNC mode



The Dual Loop Stereo has two individual loopers. When you select SYNC mode for recording, you can record two tracks separately and play both tracks together at the same time. In this mode, you can set DRUM 1 to play along with the tracks.



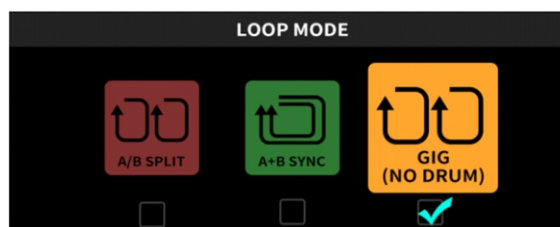
RECORD/PLAY



SELECT

You can press the footswitch 1 to record/play/dub, and press the footswitch 2 to switch to work on Track 1 or Track 2.

●GIG mode (No drum)

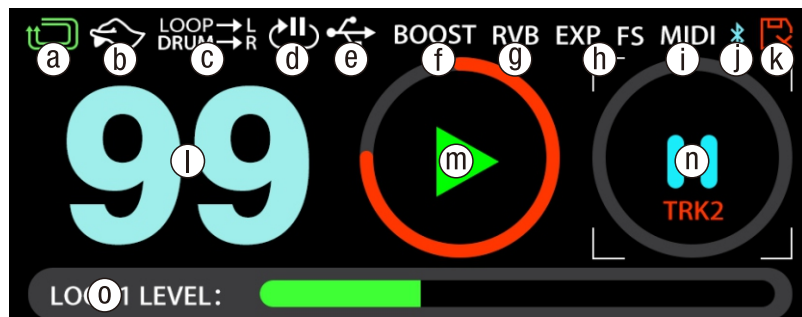


GIG mode is perfect for a gig with two independent loops. You have no limits but two simple loops to help you sing or play.



Note: When using A/B Split Mode or A+B Sync Mode, the recording must be synced to the drum machine's beat.

Home Display

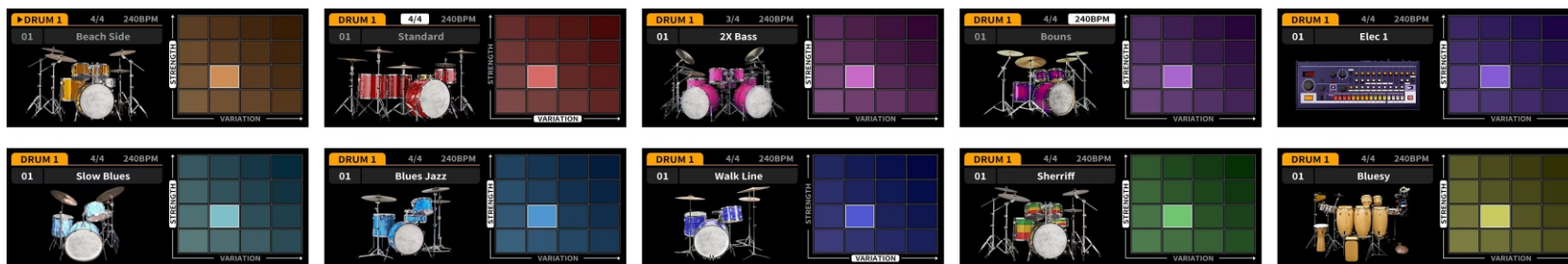


- a Loop mode
- b Recording mode
- c Audio path
- d Stop mode
- e USB connection
- f Effects
- g Effects
- h External footswitch detection



- i MIDI connection
- j NBT-1 bluetooth connection (only shows when NBT-1 adaptor connected)
- k Memory error indication (only shows when memory error occurs)
- l Memory slot
- m Track 1 status
- n Track 2 status
- o Track level indication
- p Indicates your current choice for the behavior of the 3 foot switches

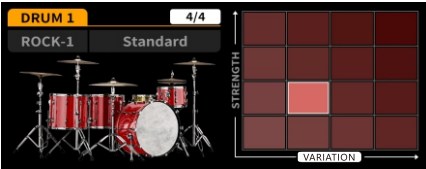
Drum Menu



Long press the DRUM STYLE button in home display to enter the drum menu.



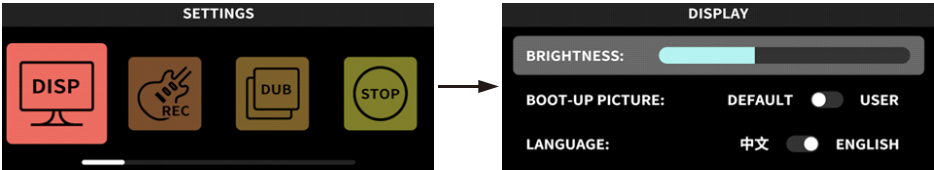
Each drum set offers 16 grooves (4x4); grooves are categorized by variation and strength. Select a groove with the PARA encoder; press it to toggle between variation and strength modes.



Twist the PARA knob to select different drum set; press the PARA knob to change time signature and speed.

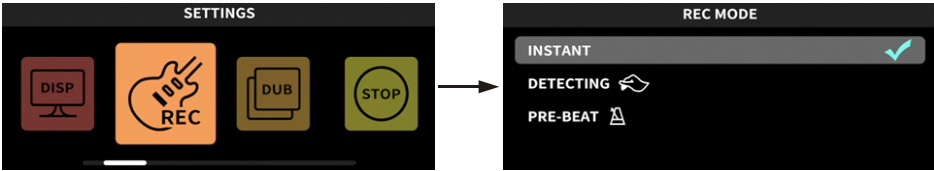
Settings

• DISPLAY



Here you can setup the brightness of the LCD display, boot-up picture, and the system language. Press down the PARA knob to toggle between different options.
* Please check “Customize your own Boot-up picture” for more information.

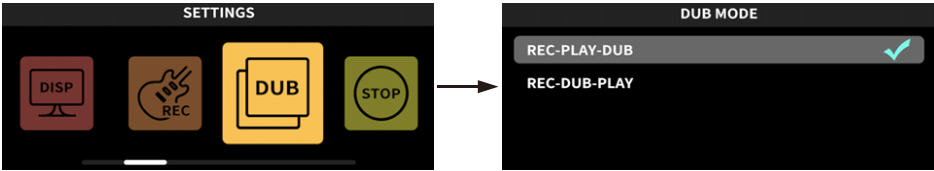
• REC MODE



Here you can choose 3 different recording modes.

INSTANT	Press the foot switch and start to record instantly.
DETECTING	Press the foot switch, the device will start to record when audio signal from the input is detected. In this mode, the “👂” icon will shown in the LCD display.
PRE-BEAT	Press the foot switch, the device will start to record after 4 count off beats (when tempo is set to 4/4) or 3 count off beats (when tempo is set to 3/4). In this mode, the “⏸” icon will be shown in the LCD display.

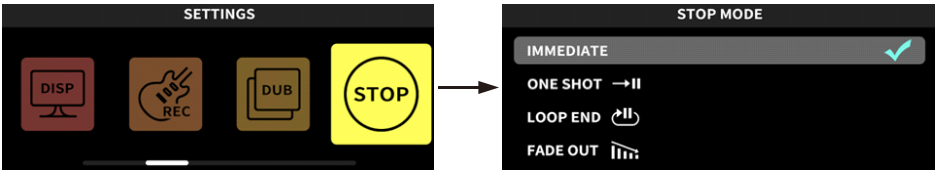
• DUB MODE



Here you can choose between different bahaviors for the overdub action.

REC-PLAY-DUB	Press the foot switch to record, the foot swtich will work in a logical order by Rcord-Play-Dub.
REC-DUB-PLAY	Press the foot switch to record, the foot swtich will work in a logical order by Rcord-Dub-Play.

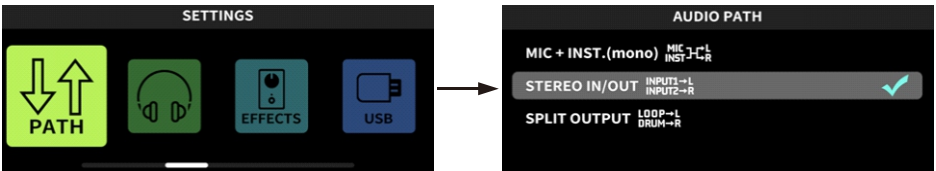
● STOP MODE



Here you can choose the 3 different stop behavours for the loops.

IMMEDIATE	Double-press the foot switch to stop playing immediately.
ONE SHOT	Play the loop phrase only one time and then stop. In this mode, the "→ " icon will be shown in the LCD display.
LOOP END	Double-press the foot switch, then it will stop playing at the ending of this loop. In this mode, the "↺" icon will be shown in the LCD display.
FADE OUT	Double-press the foot switch, and it will fade out and stop playing in a few seconds. In this mode, the "▬▬▬" icon will be shown in the LCD display.

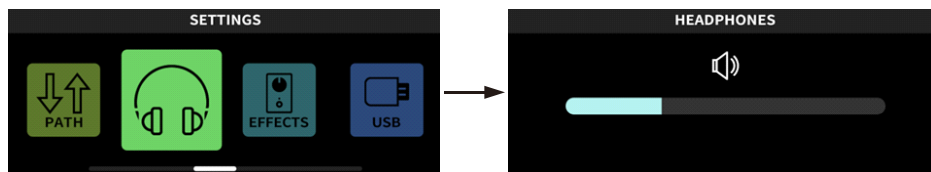
● AUDIO PATH



Here you can choose your desired audio path for you setup.

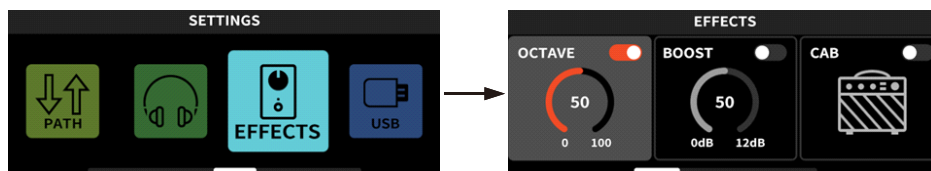
MIC + INST. (mono)	For mono/stereo input and connecting to one or two amplifiers. In this mode, the "MIC INST. → L → R" icon will be shown in the LCD display.
SPLIT IN/OUT	To split the guitar signal and drum machine signal to OUT L & OUT R individually. In this mode, the "INPUT1 → L INPUT2 → R" icon will be shown in the LCD display.
SPLIT OUTPUT	To split the guitar signal and drum machine signal to OUT L & OUT R individually, and also turn on frequency compensation function to get a better sound for the OUT L. In this mode, the "LOOP → L DRUM → R" icon will be shown in the LCD display.

● HEADPHONE VOLUME



Here you can use the PARA knob turn the headphone volume up/down.

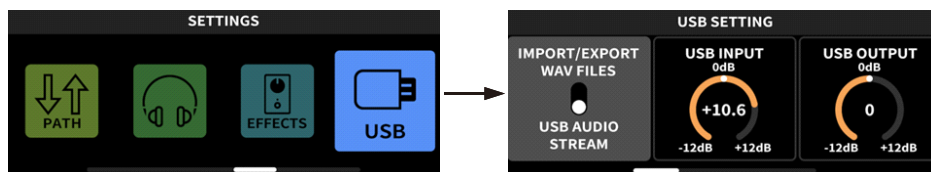
● EFFECTS



Press the PARA knob to turn on/off the effects, rotate to adjust the parameters. Rotate the MEMORY knob to select between different effects.

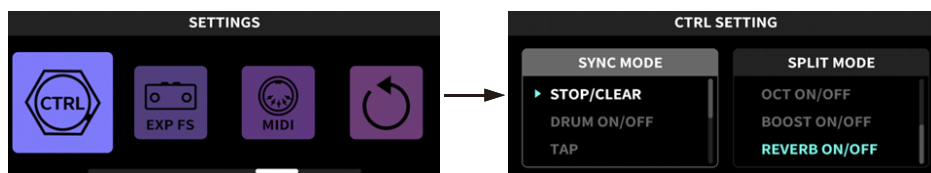
Octave	Make the input signal 1 octave lower, the wet/dry signal blend is adjustable.
Boost	Trims the signal level by 0-12dB.
CAB	Electric Guitar cabinet simulation.
Reverb	Works on either drum or input 1 (mic/inst) input; the mix of the reverb is adjustable.

● USB SETTING



Here you can toggle between different USB modes and change the USB audio setting.
Rotate the MEMORY knob to select between different settings, press the PARA knob to toggle the options.

● CTRL SETTING



Here you can set the CTRL footswitch behavior independently for SYNC MODE and SPLIT MODE.
Rotate the PARA knob to select different behavior.

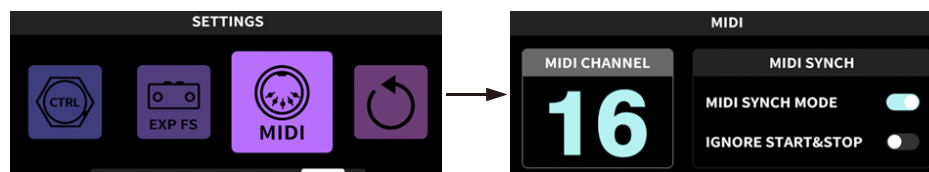
● EXP FS SETTING



Here you can set the behavior of the external control footswitch, the DUAL LOOP STEREO supports TRS external footswitch, you can set both the ring and the tip separately.

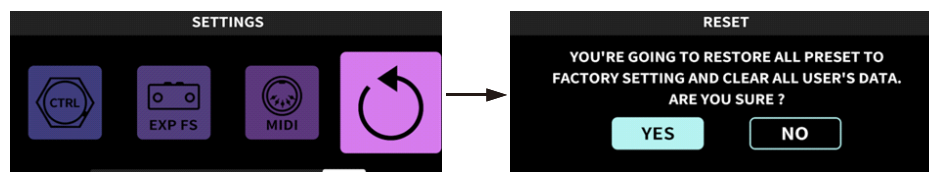
The device automatically detects if you are connecting a EXP footswitch or a EXP pedal, "EXP PEDAL" icon will show in the menu rather than "EXP FS" icon when a EXP pedal is detected.

● MIDI



Rotate the right encoder to choose MIDI channel or change the MIDI sync setting. Press the PARA knob to select different settings.

● RESET



Here you can restore all preset to factory setting and clear all user data. Make sure to backup all your recorded loops before you confirm to reset the pedal.

⚠ Note: ALL RECORDINGS WILL BE DELETED AFTER THE RESET. MAKE SURE TO BACKUP ALL YOUR RECORDED LOOPS BEFORE YOU CONFIRM TO RESET THE PEDAL.

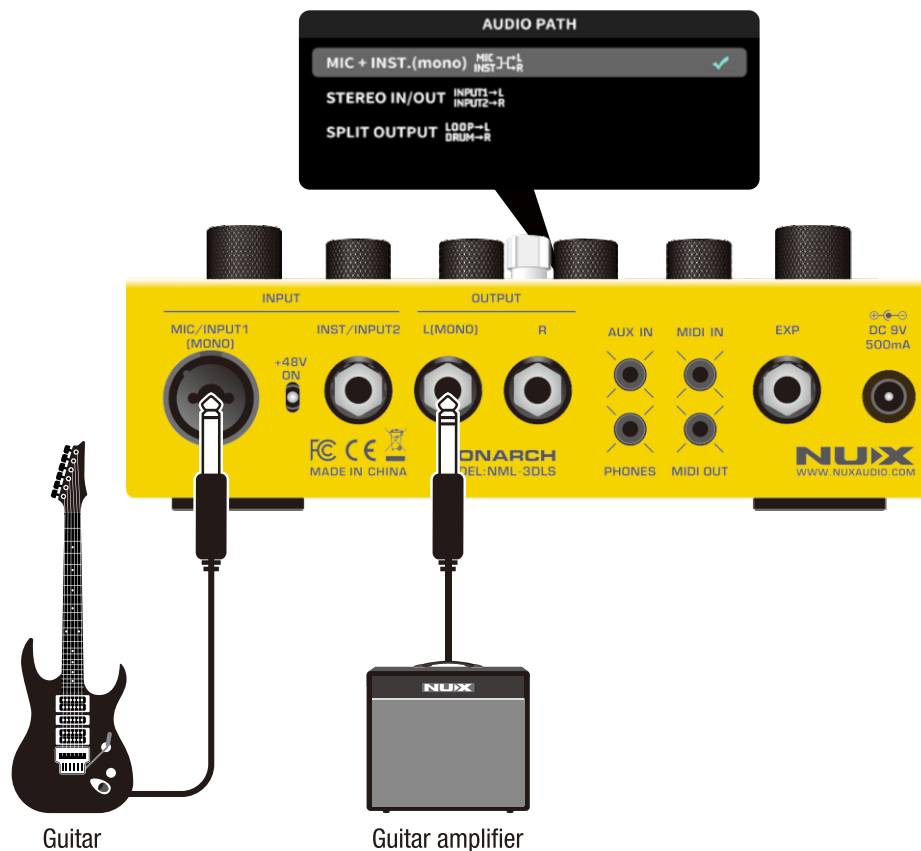
Connections

Here we listed 4 example setups with the Dual Loop Stereo.

• Setup 1

Mono in, mono out

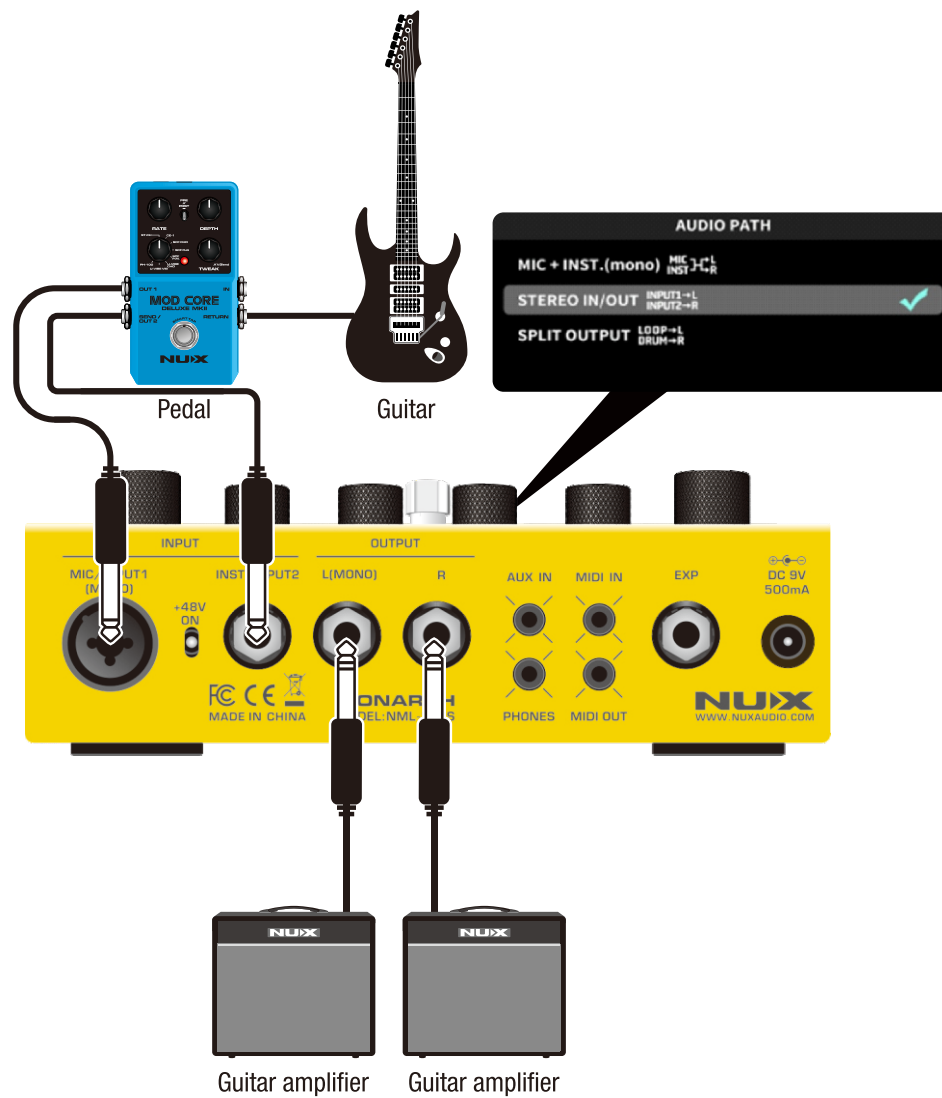
This is the most common loop pedal setup for guitarists. Plug a guitar into the MONO input on the Dual Loop Stereo and connect the L/Mono output directly to a guitar amplifier. Finally, set the AUDIO PATH as shown below.



• Setup 2

Stereo in, stereo out

Set the AUDIO PATH as shown below.

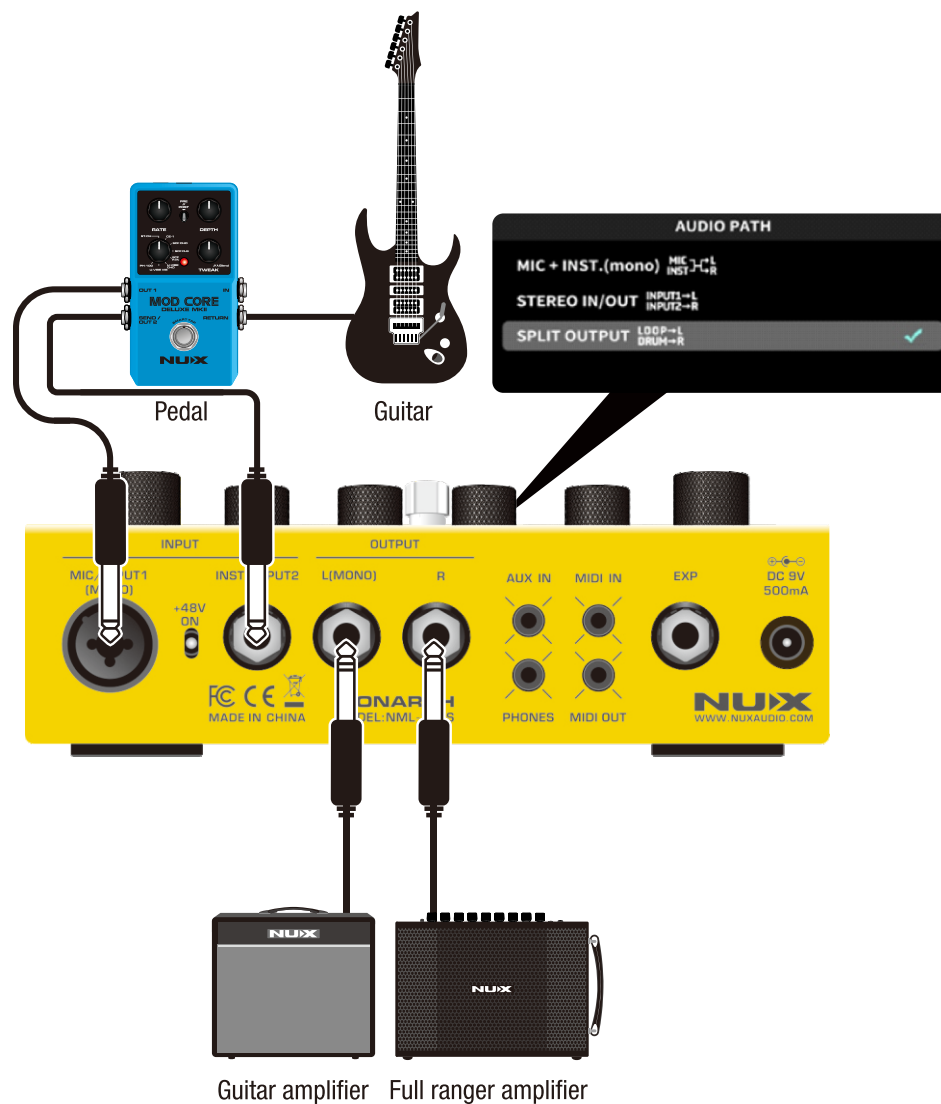


• Setup 1

OUT L for guitar, OUT R for drum machine.

To get the best sounds, you can connect the Dual Loop Stereo to a guitar amplifier and a full-range amplifier.

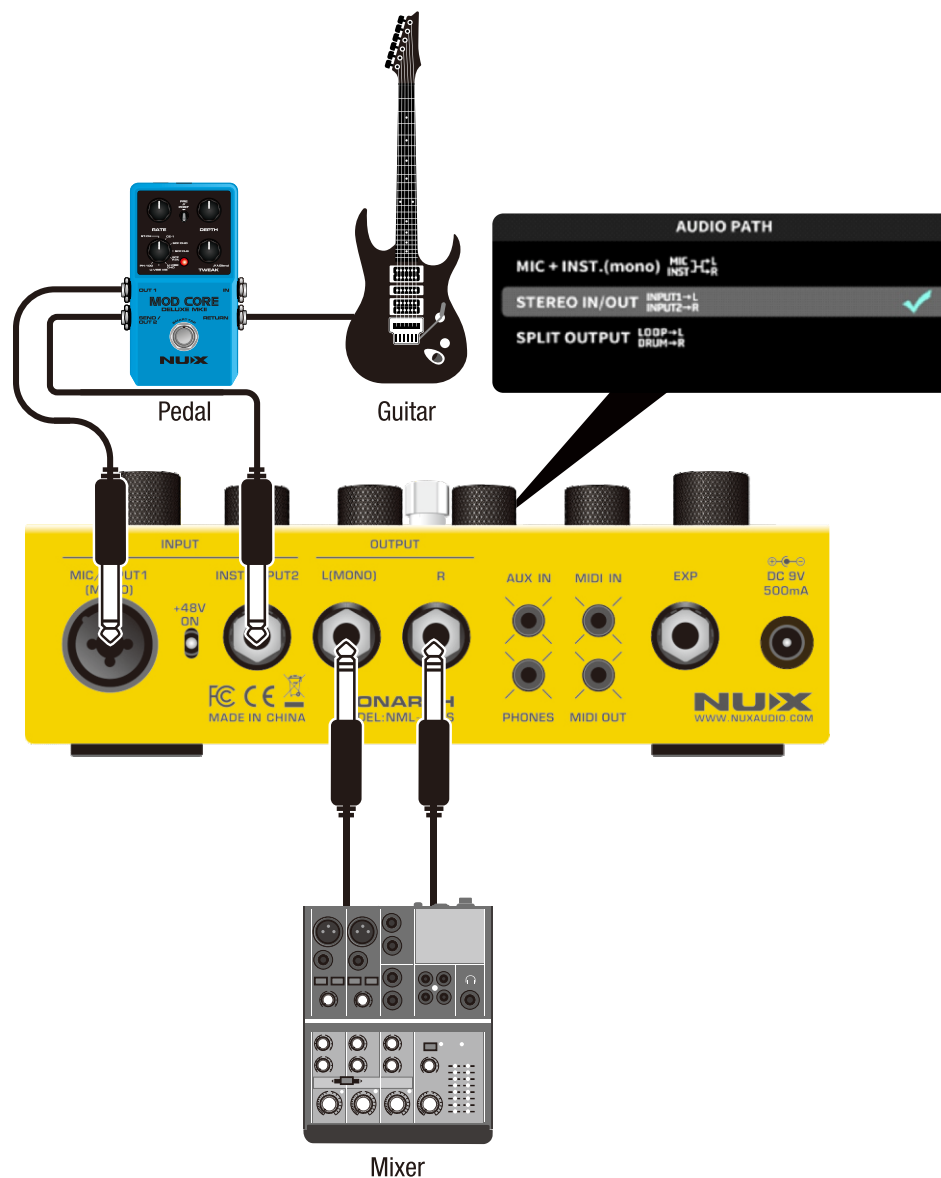
Set the AUDIO PATH as shown below. This will split the guitar signal and drum machine signal to OUT L & OUT R individually.



● Setup 4

Both OUT L & R to a mixer

When you are playing at home or in the studio with a mixer and/or PA system, you can connect the Dual Loop Stereo to control the mix of your guitar and drum machine individually. Additionally, this setup includes a frequency compensation function to get a better signal from OUT L. Set the AUDIO PATH as shown below.



MIDI Control

Nearly every parameter of the Dual Loop Stereo can be controlled by an external MIDI controller, such as tap tempo, stop/start/record, and so much more. The MIDI to 1/8" cable is included to get you started quickly.



Here is the list for the functions that are controlled when a program change message is received from an external MIDI device.

Command	MIDI PC #
Load Memory 01	1
Load Memory 02	2
Load Memory 03	3
Load Memory 04	4
Load Memory 05	5
Load Memory 06	6
Load Memory 07	7
Load Memory 08	8
Load Memory 09	9
Load Memory 10	10
Load Memory 11	11
Load Memory 12	12
Load Memory 13	13
Load Memory 14	14
Load Memory 15	15
Load Memory 16	16

Command	MIDI PC #
Load Memory 17	17
Load Memory 18	18
Load Memory 19	19
Load Memory 20	20
Load Memory 21	21
Load Memory 22	22
Load Memory 23	23
Load Memory 24	24
Load Memory 25	25
Load Memory 26	26
Load Memory 27	27
Load Memory 28	28
Load Memory 29	29
Load Memory 30	30
Load Memory 31	31
Load Memory 32	32

Command	MIDI PC #
Load Memory 33	33
Load Memory 34	34
Load Memory 35	35
Load Memory 36	36
Load Memory 37	37
Load Memory 38	38
Load Memory 39	39
Load Memory 40	40
Load Memory 41	41
Load Memory 42	42
Load Memory 43	43
Load Memory 44	44
Load Memory 45	45
Load Memory 46	46
Load Memory 47	47
Load Memory 48	48

Command	MIDI PC #
Load Memory 49	49
Load Memory 50	50
Load Memory 51	51
Load Memory 52	52
Load Memory 53	53
Load Memory 54	54
Load Memory 55	55
Load Memory 56	56
Load Memory 57	57
Load Memory 58	58
Load Memory 59	59
Load Memory 60	60
Load Memory 61	61
Load Memory 62	62
Load Memory 63	63
Load Memory 64	64

Command	MIDI PC #	Command	MIDI PC #	Command	MIDI PC #	Command	MIDI PC #
Load Memory 65	65	Load Memory 74	74	Load Memory 83	83	Load Memory 92	92
Load Memory 66	66	Load Memory 75	75	Load Memory 84	84	Load Memory 93	93
Load Memory 67	67	Load Memory 76	76	Load Memory 85	85	Load Memory 94	94
Load Memory 68	68	Load Memory 77	77	Load Memory 86	86	Load Memory 95	95
Load Memory 69	69	Load Memory 78	78	Load Memory 87	87	Load Memory 96	96
Load Memory 70	70	Load Memory 79	79	Load Memory 88	88	Load Memory 97	97
Load Memory 71	71	Load Memory 80	80	Load Memory 89	89	Load Memory 98	98
Load Memory 72	72	Load Memory 81	81	Load Memory 90	90	Load Memory 99	99
Load Memory 73	73	Load Memory 82	82	Load Memory 91	91		

Here is the list for the functions that are controlled when a control change message (change 1~16, controller number/value as below) is received from an external MIDI device.

Command	Explanation	MIDI CC
Memory +1	Select a memory +1	CH(X), cc number=10, value=01
Memory -1	Select a memory -1	CH(X), cc number=10, value=02
Load Memory (01-99)	Select a memory from (01-99)	CH(X), cc number=11, value=01-99
SYNC Mode	Activate SYNC Mode	CH(X), cc number=12, value=01
SPLIT Mode	Activate SPLIT Mode	CH(X), cc number=12, value=02

LOOP		
Track-1 Play/Stop	Start to play or Stop the Track-1	CH(X), cc number=20, value=01
Track-1 Rec	Start to record on Track-1	CH(X), cc number=20, value=02
Track-1 Dub	Start to dub on Track-1	CH(X), cc number=20, value=03
Track-1 Undo	Give previous record on Track-1	CH(X), cc number=20, value=04
Track-1 Redo	Redo previous operation on Track-1	CH(X), cc number=20, value=05
Track-1 Clear	Clear all recording data on Track-1	CH(X), cc number=20, value=06
Track-1 Level +	Increase the volume level of Track-1	CH(X), cc number=21, value=01-127
Track-1 Level -	Decrease the volume level of Track-1	CH(X), cc number=22, value=01-127
Track-1 Level (0-127)	Setup the volume level of Track-1	CH(X), cc number=23, value=0-127
Track-2 Play/Stop	Start to play or Stop the Track-2	CH(X), cc number=24 value=01
Track-2 Rec	Start to record on Track-2	CH(X), cc number=24 value=02

Track-2 Dub	Start to dub on Track-2	CH(X), cc number=24 value=03
Track-2 Undo	Give previous record on Track-2	CH(X), cc number=24 value=04
Track-2 Redo	Redo previous operation on Track-2	CH(X), cc number=24 value=05
Track-2 Clear	Clear all recording data on Track-2	CH(X), cc number=24 value=06
Track 2 Level +	Increase the volume level of Track-2	CH(X), cc number=25, value=01-127
Track 2 Level -	Decrease the volume level of Track-2	CH(X), cc number=26, value=01-127
Track-2 Level (0-127)	Setup the volume level of Track-2 (0-127)	CH(X), cc number=27, value=0-127

DRUM		
Drum On/Off	Turn on or Turn off the Drum	CH(X), cc number=30, value=01
Drum Level +	Increase the volume level of Drum	CH(X), cc number=31, value=0-127
Drum Level -	Decrease the volume level of Drum	CH(X), cc number=32, value=0-127
Drum Level (0-127)	Setup the volume level of Drum (0-127)	CH(X), cc number=33, value=0-127
Tap Tempo	Setup the Tempo by tapping twice or more	CH(X), cc number=34, value=01
Beat (4/4)	Setup the Beat at 4/4	CH(X), cc number=35, value=01
Beat (3/4)	Setup the Beat at 3/4	CH(X), cc number=35, value=02
Tempo (30-100)	Setup the tempo at (30-100)	CH(X), cc number=37, value=30-100
Tempo (101-200)	Setup the tempo at (101-100)	CH(X), cc number=38, value=01-100
Tempo (201-250)	Setup the tempo at (201-250)	CH(X), cc number=39, value=01-50
Tempo Value +	Increase the Tempo value	CH(X), cc number=40, value=01-127
Tempo Value -	Decrease the Tempo value	CH(X), cc number=41, value=01-127

EFFECTS		
OCTAVE On/Off	Turn on/off the OCTAVE	CH(X), cc number=50, value=01
Octave Level (0-100)	Setup the Octave level (0-100)	CH(X), cc number=51, value=0-100
Boost On/Off	Turn on/off the Boost	CH(X), cc number=52, value=01
Boost Level (0-100)	Setup the Boost level (0-100)	CH(X), cc number=53, value=0-100
CAB On/off	Turn on/off the CAB simulation	CH(X), cc number=54, value=01
Reverb On/Off	Turn on/off the Reverb(only for drum)	CH(X), cc number=55, value=01
Reverb Level (0-100)	Setup the Reverb level (0-100)	CH(X), cc number=56, value=0-100

Global Setting		
Brightness +	Increase the brightness level of the LCD (01-10)	CH(X), cc number=60, value=01-10
Brightness -	Decrease the brightness level of the LCD (01-10)	CH(X), cc number=61, value=01-10
Brightness (0-10)	Setup the Brightness (0-10)	CH(X), cc number=62, value=0-10
REC mode: INSTANT	Setup the REC mode	CH(X), cc number=63, value=01
REC mode: DETECTING		CH(X), cc number=63, value=02
REC mode: PRE-BEAT		CH(X), cc number=63, value=03
DUB mode: REC-PLAY-DUB	Setup the DUB mode	CH(X), cc number=63, value=04
DUB mode: REC-DUB-PLAY		CH(X), cc number=63, value=05
STOP mode: NORMAL	Setup the STOP mode	CH(X), cc number=63, value=06
STOP mode: ONE SHOT		CH(X), cc number=63, value=07
STOP mode: LOOP END		CH(X), cc number=63, value=08
STOP mode: FADE OUT		CH(X), cc number=63, value=09
MIC/INST IN (MONO)	Setup the Audio Path	CH(X), cc number=63, value=10
STEREO IN/OUT		CH(X), cc number=63, value=11
SPLIT IN/OUT		CH(X), cc number=63, value=12
Headphones Volume +	Increase the Headphone volume level	CH(X), cc number=64, value=01-127
Headphones Volume-	Decrease the Headphone volume level	CH(X), cc number=65, value=01-127
Headphones Volume (0-127)	Setup the Headphones volume (0-127)	CH(X), cc number=66, value=0-127
Master Volume +	Increase the Master volume level	CH(X), cc number=67, value=01-127
Master Volume -	Decrease the Master volume level	CH(X), cc number=68, value=01-127
Master Volume (0-127)	Setup the Master volume (0-127)	CH(X), cc number=69, value=0-127

USB audio stream

You can connect the DUAL LOOP STEREO to your computer to record the loop, drum, and any sound from your guitar & mic.



Note: Please make sure the USB mode is at "USB AUDIO STREAM" .

Customize your own Boot-up picture

The DUAL LOOP STEREO allows users to customize their own boot-up picture with a GIF.

1. Please set the USB mode at "IMPORT/EXPORT WAV FILES", and then connect the DUAL LOOP STEREO to your computer, and download a GIF picture to the folder: NUX LOOPER > NML-3DLS > GIF. (Requirement for the Customized GIF: 960*376 pixels, Max size 2M)



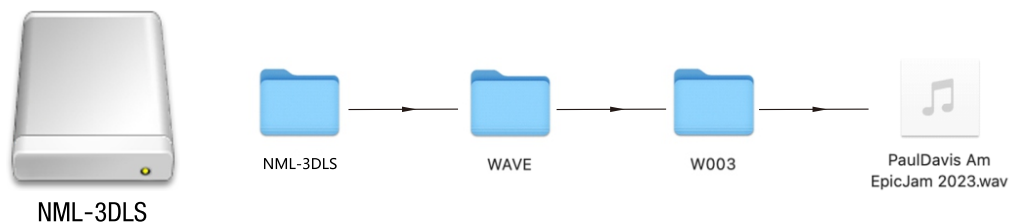
Note: You need to delete the original GIF file in the folder before you put any new GIF file into the folder.

2. Disconnect and reboot the DUAL LOOP STEREO, and then enter to the DISPLAY setting and set the BOOT-UP PICTURE option to USER.
3. Reboot the DUAL LOOP STEREO again. Enjoy your own customized GIF interface!



Import playbacks

When connecting a DUAL LOOP STEREO to a computer, it will show “NML-3DLS” as a USB flash disk. Click it, and you will see folder NML-3DLS. Click folder NML-3DLS to enter, then you will see folder WAVE. Then you can drag the target wav file into the related folder. For example, if you want to put the playback wav file into phrase loop track 3, you can just drag your target wav file into folder W003. Then you are good to go.



Notes:

1. The DUAL LOOP STEREO only supports 44.1kHz/32 bits Stereo floating WAV format, please download and utilize NuxFormatConverter to convert your backing track to the correct file format. Please go to the Softwares section on this page for download.
2. Please set the USB mode at “IMPORT/EXPORT WAV FILES”.



Please use NuxFormatConverter to convert your music phrase files into the correct format.

Specifications

Sampling Frequency	44.1 kHz
AD/DA Conversion	32 bits
Processing	32-bit floating point
Recording / Playback	Number of Tracks: 2
	Data Format: WAV (44.1 kHz, 32-bit float, stereo)
	Approx.1.5 hours (1 track), Approx. 13 hours (total of all memories)
Rhythm Type	42 groups, 672 patterns
Effect	Octave, Booster, Cabinet Simulation, Reverb (For drum or Mic/Instrument of Input-1)
Memory	99
Maximum Input Level	MIC IN: +6 dBu (with minimum mic gain)
	INPUT 1/2: +8 dBu
	AUX IN L/R: +8 dBu
Mic Input Gain Range	5.4 dB - 63 dB
Input Impedance	MIC IN: 2.4 k Ω
	INPUT 1/2: 1 M Ω
	AUX IN L/R: 1 M Ω
Output Impedance	OUTPUT L/R: 1 k Ω
	PHONES L/R: 3.3 Ω
Bypass	Buffered bypass
Display	2.86" Colored LCD display, 960 x 376 pixels
Connectors	MIC/INPUT 1: Combined XLR & 1/4-inch type jack (balanced, phantom power: DC 48V)
	INST/INPUT 2: 1/4-inch phone type jack
	OUTPUT L (MONO): 1/4-inch phone type jack
	OUTPUT R: 1/4-inch phone type jack
	AUX IN: 1/8-inch stereo miniature type jack
	PHONES: 1/8-inch stereo miniature type jack
	MIDI (IN, OUT) jacks: 1/8-inch stereo miniature type jacks
	EXP jacks: 1/4-inch TRS phone type
	USB port: USB-C type

Power Supply	ACD-006A (9V 500mA)
Current Draw	Less than 170 mA (Phantom power off)
	Less than 270 mA (Phantom power on)
Dimensions	183(L) x 130(W) x 65.3(H) mm
Weight	765 g

What's in the box?

- NML-3DLS
- Quick Start Guide
- USB-C to USB-A adapter
- USB-C to USB-C cable
- NMP-2 Lite pedal
- TRS stereo audio cable
- MIDI to 1/8" cable
- NUX sticker
- Power adapter

*Specifications and features are subject to change without notice.