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Designed and manufactured by Cherub Technology Co.,Ltd.
www.nuxaudio.com Made in China

NUX

TS/AC 4K
White-Box Amp Modeling algorithm

NME-5
TRIDENT
Guitar Processor



User's manual

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!

Introduction

Thank you for your purchase of the TRIDENT integrated effect pedalboard. Since the release of the Cerberus integrated effect a few years ago, we set out to develop a new pedalboard. It needed to share elements of the original Cerberus design along with uncompromising tone, simple operation, and intuitive tweaking response. And it needed to have a powerful software based editor for the best overall experience. We believe the TRIDENT will offer you that great experience.
*This is a quick start manual to get you up and running quickly with the TRIDENT. If you are looking for in-depth information, please visit the product page and Facebook discussion group.

The TRIDENT is the first one integrated effect which uses our iconic TSAC-4K Amp Modeling (White-box Physical Modeling algorithm). The TSAC-4K Amp Modeling algorithm is twice as complex than previous versions. This led us to design a new hardware platform with 2 DSPs, one to handle all the effects, and the other one to handle the amp modeling algorithm. Additionally, the TRIDENT uses premium A/D & D/A converters and analog circuits to achieve a clear sound with low noise levels.

This world-class amp modeling algorithm comes fully loaded with features and functionality. Just like their real counterparts, the amps have HIGH / LOW inputs, 4 inputs for patch cable jumping, toggle switch for voicing, for max tweaking. The knob layout, toggle switches, and foot switches of the TRIDENT are intuitive like stomp boxes, you can engage/disengage the effects freely. The SELECT & PARAM encoders with LCD display deliver more parameter details, block order / status.

Perfect for live applications, the TRIDENT offers plenty of I/O options. The SEND / RETURN effect loop for external effects, 2 balanced XLR outputs to the PA system, PHONES output for monitoring, EXP. PEDAL for expression pedal, MASTER VOL pot for overall volume, and MIDI IN / OUT.

Build like a tank. The TRIDENT uses one-piece die-cast aluminum chase, it's solid, strong, build for live performance.

The TRIDENT is also a powerful studio device. You can download Trident Editor™ from the product page to edit patches, and setup the USB routing. The TRIDENT can do USB dry-out and reamp, so it's useful to create guitar tracks with mixing.

Warning!! In order to offer you the best dynamic range of USB Streaming, the TRIDENT doesn't attenuate the PC's system playback volume. When using the TRIDENT as a USB audio interface, remember to adjust your PC's playback volume from the “minimum” to the desired volume. Take care of your ears.

Thank you for choosing the TRIDENT. Please remember to visit the product page often or Facebook discussion group to get the newest information, firmware, editor version.

Front Panel

LEVEL Knob^⑤
TIME Knob
REPEAT Knob
DLY types 3-way Toggle Switch^⑥

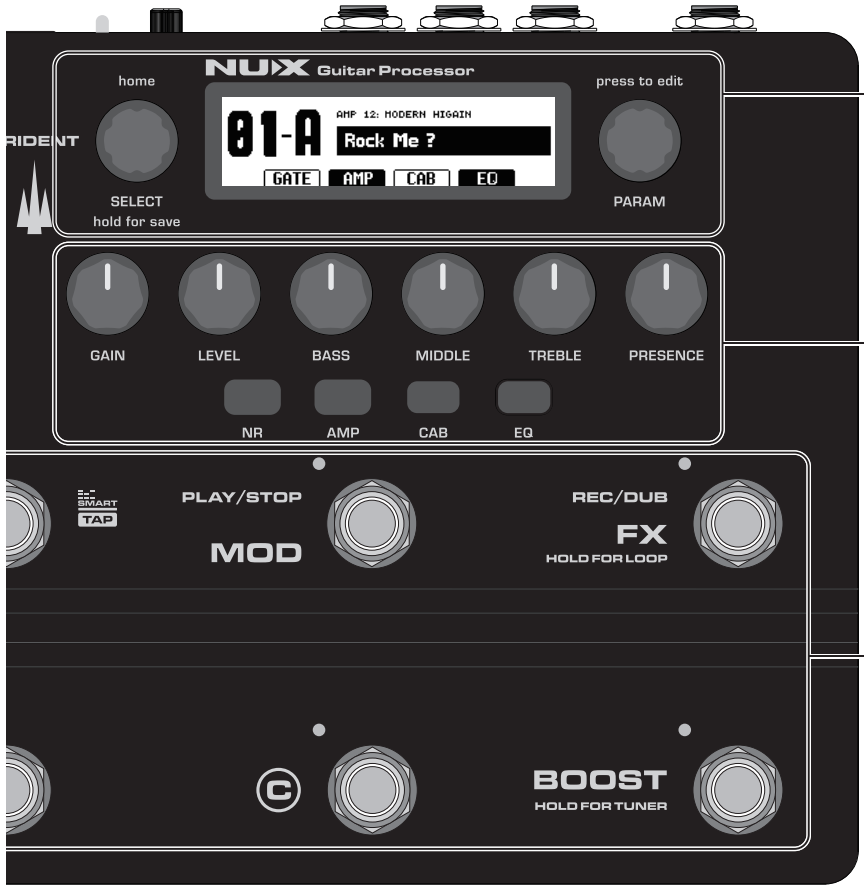
LEVEL Knob^⑤
DECAY Knob
RVB 3-way Toggle Switch^⑦

DLY&RVB Routing 3-way Toggle Switch^⑦

RATE Knob
LEVEL Knob^①
MOD 3-way Toggle Switch^③

SENSE Knob
LEVEL Knob^②
FX 3-way Toggle Switch^④

DEPTH Knob



SELECT Knob(Encoder)
PARAM Knob(Encoder)
DISPLAY

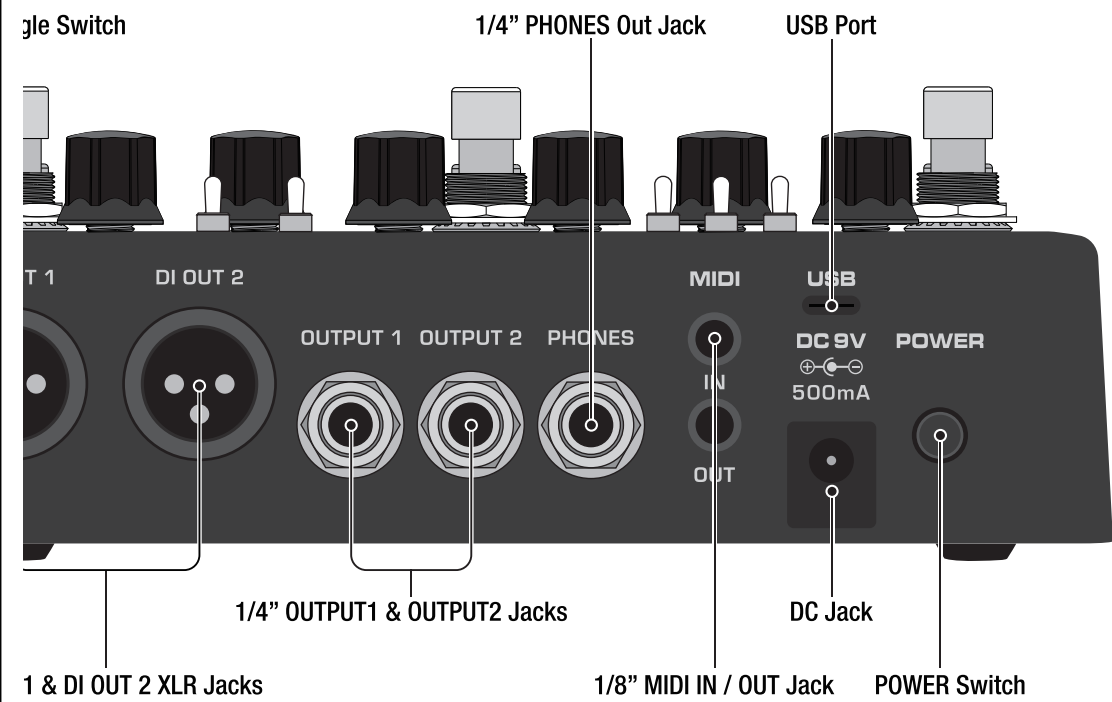
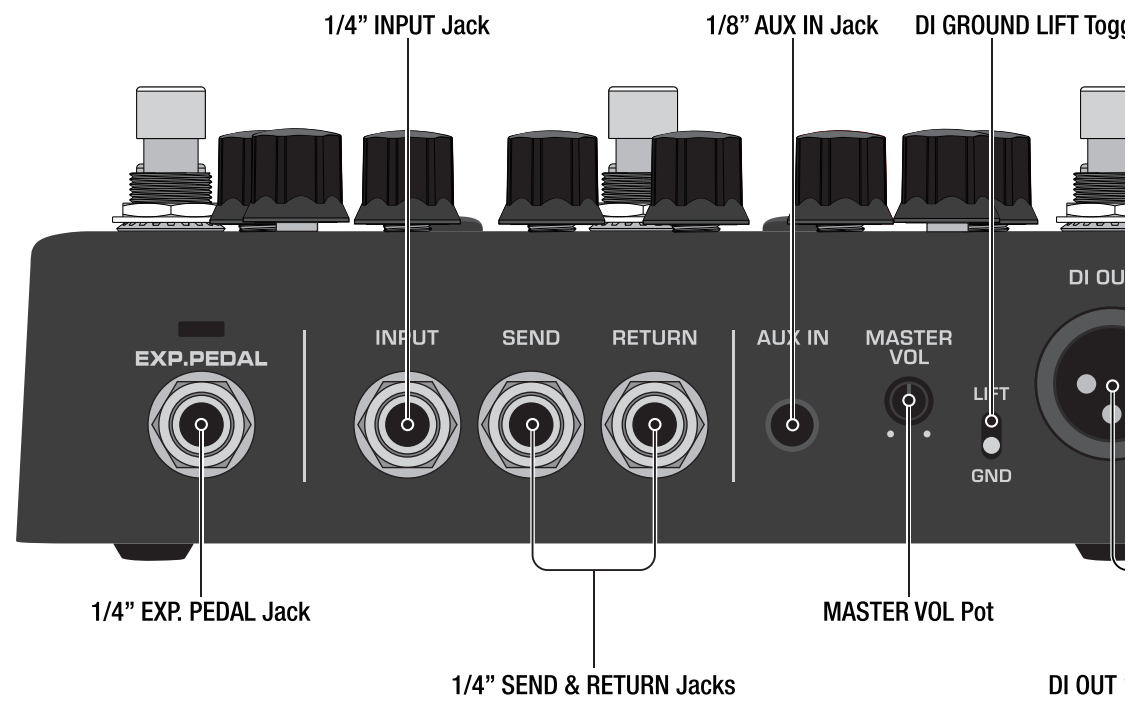
GAIN Knob
LEVEL Knob
BASS Knob
MIDDLE Knob
TREBLE Knob
PRESENCE Knob

NR Button
AMP Button
CAB Button
EQ Button

UP Foot Switch
REVERB Foot Switch
DELAY Foot Switch
MOD Foot Switch
FX Foot Switch

DOWN Foot Switch
A Foot Switch
B Foot Switch
C Foot Switch
BOOST Foot Switch

Rear Panel



Overview

- One-piece die-cast aluminum chassis.
- World-class amp modeling algorithm with full functions. (Like 4 inputs for patch cable jumping.)
*Currently 27 AMP models.
- White-box Amp Modeling & Pre-efx algorithm offers realistic playability and analog-chaos response. *Currently 7 BOOSTs, 7 FXs.
- Modulation, Delay, Reverb. *Currently 11 Modulations, 3 Delays, 4 Reverbs.
- NR, BST, EFX, AMP, CAB, EQ, S/R, MOD, DLY, RVB | 10 independent moveable signal blocks.
- 1024 samples IR resolution and USER slot with each patch. (additional 32 custom IR slots)
- Real knob adjusting for FX, MOD , REVERB , DELAY.
- Real knob adjusting for Amp models.
- 96 preset slots. (32 A / B / C)
- 30 seconds phrase looper, PRE / POST position available.
- PARA. FOLLOW function can track your effect tweaking habits.
- USB audio interface, firmware update, Trident Editor™ edit software.
- MIDI IN/OUT, EXP. PEDAL jack, SEND / RETURN effect loop, stereo balanced DI outs, MASTER VOL pot.

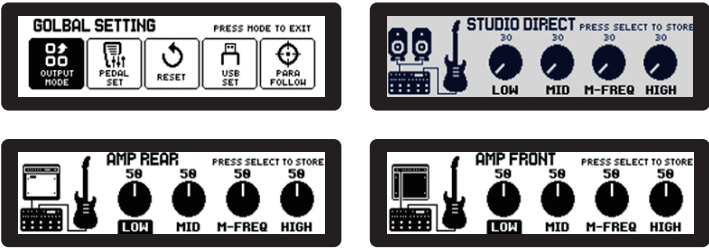
Quick Operation

Preparing

1. Firstly, make sure the TRIDENT and the connected amplifier (monitors or FRFR speakers) are turned off. Set the MASTER VOL to minimum value. Connect your guitar to INPUT, and connect the related amplifiers (or monitors, FRFR speakers) to OUTPUT1 & OUTPUT2 or DI OUT1 & DI OUT2.
2. Connect the including adaptor ACD-006A to DC 9V jack, press the POWER button. And turn on the related amplifiers.
3. Adjust the MASTER VOL pot to desired position. (maybe less than the 50%)

Warning!! In order to offer you the best dynamic range of USB Streaming, the TRIDENT doesn't attenuate the PC's system playback volume. When using the TRIDENT as a USB audio interface, remember to adjust your PC's playback volume from the “**minimum**” to the desired volume. Take care of your ears.

4. Set OUTPUT MODE: Press the SELECT & PARAM encoders to enter to GLOBAL SETTING, then short press the SELECT encoder to access OUTPUT MODE. Now, rotate the SELECT encoder to choose your desired output mode, then press SELECT encoder to save the output mode.



- *CAB block will be engaged under STUDIO DIRECT mode, others will disengage CAB block.
- *STUDIO DIRECT offers line signal with CAB(IR). AMP FRONT offers instrument signal without CAB(IR). AMP REAR offers ling signal without CAB(IR).

Quick Operation

Start tweaking & playing

Once you boot-up the TRIDENT, it will be in PRESET MODE.



1. Press the UP / DOWN foot switch to choose the target preset group, in the meantime, the group digit (01~32) will flash. Then press either the A or B or C foot switches to choose the desired patch. (For example, 01-A)
2. Under PRESET MODE, you can also adjust the SELECT knob to select a patch.
3. The TRIDENT includes 96 factory presets, and 96 user slots. Under PRESET MODE, short press SELECT knob can call FACTORY preset, and press SELECT knob again to go back to the user slot. All the FACTORY presets were made by professional musicians and session players, it's a good reference for the tone tweaking.
4. FX, BOOST, MOD, DELAY, and REVERB blocks can be engaged / disengaged by the related foot switches.
5. Under PRESET MODE, the DELAY block has “Smart Tap Tempo” function. You can setup desired sub-division in DLY editing.
*Smart Tap Tempo is patent pending. Press once to engage / disengage the effect, press more than twice, it will become TAP TEMPO immediately.
6. Under PRESET MODE, press NR, AMP, CAB, and EQ buttons to engage / disengage the related blocks.



7. Adjust the related knobs for the target effect block, engage / disengage the blocks for your own preset.

For deeper tone adjustments, you can press PARAM encoder to enter to EDIT MODE, in the meantime you can rotate the PARAM knob to choose a target block (which will be upper), then press the PARAM knob to enter the block. Under the related block, each page has 4 parameters, you can move to the target parameter by pressing NR / AMP / CAB / EQ buttons.

Quick Operation

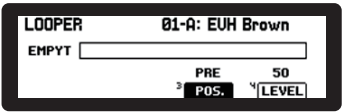
Deeper adjustments in EDIT MODE

1. Press the PARAM encoder to enter to EDIT MODE. You can see the engagement status, and routing order of all the blocks for the current preset.



2. Under EDIT MODE, before entering to specific block editing, you can rotate SELECT knob or press UP / DOWN and A / B / C foot switch to choose the target preset for deeper adjustments.
3. Short press related block foot switches (BOOST / FX / MOD / DELAY / REVERB) or buttons (NR / AMP / CAB / EQ) can engage / disengage the related blocks. Quickly press the target foot switch or button can enter to the target block editing.
4. Under EDIT MODE, rotate the PARAM knob to choose the target block (which will be upper). In the meantime, you can press the PARAM knob and hold it for 2 seconds, then the block will flash. Now you can rotate the PARAM knob to adjust the block's order. Press the PARAM knob again to confirm the current order.
5. DLY and RVB blocks' order and routing are controlled by the “ // -> <- “ toggle switch, and the order is also mutual adjusted by rotating the PARAM knob.
6. While you choose the target block, press the PARAM knob or click the related foot switch / button twice to enter the target block editing.
7. Under target block editing, there are mostly 4 parameters in each page. Rotate the PARAM knob to adjust the related parameter. (Press the NR / AMP / CAB / EQ button to choose the target parameter. You can see the parameter which is demarcated.) Press the PARAM knob again to quit to EDIT MODE. You can choose another block for adjusting.
And yes, the related effects' physical knobs can adjust the tone directly.
8. Even under target block tweaking, short press the related block foot switch (BOOST / FX / MOD / DELAY / REVERB) or button (NR / AMP / CAB / EQ) twice can enter to the different target block tweaking.

Phrase Looper

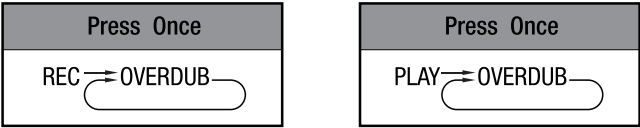


Quick Operation

Start tweaking & playing

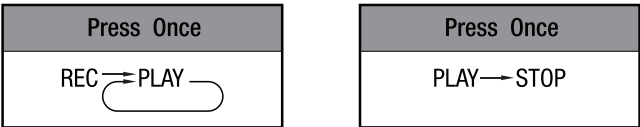
- 1. Press and hold the FX foot switch for 2 seconds to access the LOOPER. Under LOOPER MODE, FX foot switch becomes REC/DUB, MOD foot switch becomes PLAY/STOP, DELAY foot switch becomes UNDO/REDO, REVERB foot switch becomes CLEAR.
- 2. Press the CAB button to choose the LOOPER position (POS.), in the meantime you can rotate the PARAM knob to adjust PRE or POST. PRE means the phrase looper is in the beginning of signal chain, what you record is the dry signal, while you play the phrase looper, you can tweak the effects' parameters to change the sound for tone tweaking. POST means the phrase loop is in the end of signal chain, what you record is the processed signal, while you play the phrase looper, you cannot change the sound of the recorded loop.
- 3. Press the EQ button to choose the LOOPER level (LEVEL). Rotate the PARAM knob to adjust the phrase loop playing volume.
- 4. While there is phrase loop, the display will show EMPTY on the left side. In the meantime, press REC/DUB foot switch to record. The indicator bar will show the left recording time.

REC/DUB foot switch



- 5. Press the PLAY/STOP foot switch to stop recording and play the phrase loop immediately. Once you press the PLAY/STOP foot switch again, the phrase loop will stop.

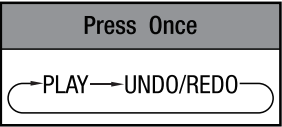
PLAY/STOP foot switch



- 6. Since it has phrase loop, press the REC/DUB foot switch to overdub the phrase loop. The overdub will keep going until you press the PLAY/STOP foot switch, then it will play the phrase looper including what you overdub for the newest layer. You can press UNDO/REDO foot switch to undo the newest layer, and redo if you want to recall the newest layer.

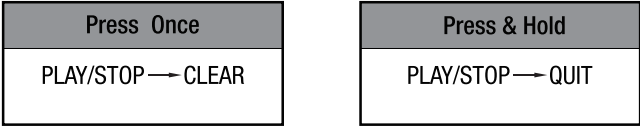
Quick Operation

UNDO/REDO foot switch



- 7. Short press CLEAR foot switch to delete the current phrase loop.
- 8. Hold CLEAR foot switch for 2 seconds to quit LOOPER MODE. You can quit LOOPER MODE even the phrase loop is playing, and enter LOOP MODE again by holding the REC/DUB foot switch for 2 seconds. While you turn off TRIDENT, it will delete the phrase loop.

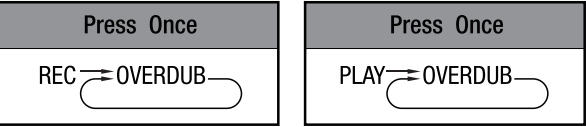
CLEAR foot switch



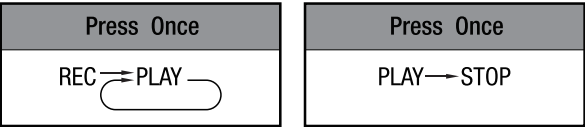
- 9. The maximum loop length is 30 seconds.

LOOPER MODE foot switch operation logic

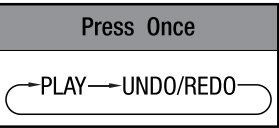
REC/DUB foot switch



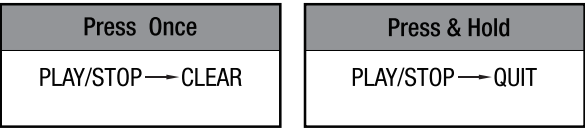
PLAY/STOP foot switch



UNDO/REDO foot switch



CLEAR foot switch



Quick Operation

Tuner Mode



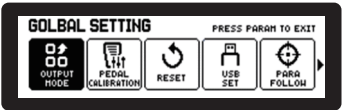
- 1. Hold the BOOST foot switch for 2 seconds to enter to TUNER MODE.
- 2. Under TUNER MODE, rotate the PARAM knob to adjust A4 frequency. (430~450 Hz)
- 3. Press EQ to engage / disengage monitoring.
- 4. Press any foot switch to quit TUNER MODE.

Control Panel

SELECT Knob(Encoder) & PARAM Knob(Encoder) , DISPLAY

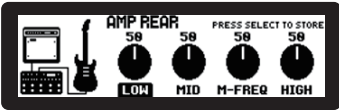
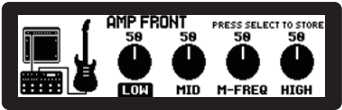


Under PRESET MODE, press the PARAM & SELECT knobs simultaneously to enter to GLOBAL SETTING.



Once in GLOBAL SETTING, you can press PARAM knob to. Or rotate the SELECT knob to choose target function. Press the SELECT knob once to enter the target function, press the PARAM knob to quit to upper layer.

1. OUPUT MODE:



Once in OUTPUT MODE, you can rotate the SELECT knob to choose the output mode. As you can see the display has 4 parameters: LOW, MID, M-FREQ, HIGH. These are global EQ in the end of signal chain. Use the NR/AMP/CAB/EQ buttons to highlight the LOW/MID/M-FREQ/HIGH paraments for editing. Then rotate the PARAM knob to adjust the related parameters. Press the SELECT knob to save, or press the PARAM knob to quit.

2. PEDAL CALIBRATION:



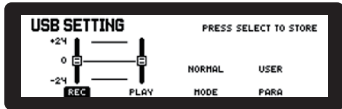
Follow the display guide, it's intuitive to operate.

Control Panel

3. RESET:

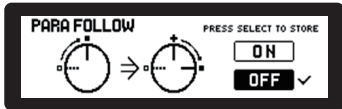


4. USB SET:



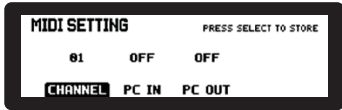
Use the NR/AMP/CAB/EQ buttons to highlight the REC/PLAY/MODE/PARA paraments for editing. Then rotate PARAM knob to adjust the related parameters. Press the SELECT knob to save, or press the PARAM knob to quit.

5. PARA FOLLOW:



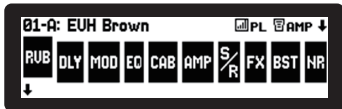
Engaging the PARA FOLLOW function to remember your parameter tweaking habits.

6. MIDI:



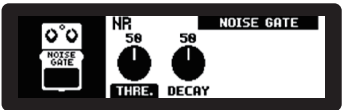
EDIT MODE

Under PRESET MODE, press the PARAM knob to enter to EDIT MODE.



Under EDIT MODE, you can see the blocks' engagement status. Rotate the PARAM knob to choose target tweaking block. (Which will become upper, for example as you can see RVB block is upper.) Then press PARAM to enter the target block.

Control Panel



For example, now you are in NR block, then you can press the NR button to highlight THRE., and press AMP button to highlight DECAY. Then rotate PARAM knob to tweak the related parameters. If you want to save the parameters, press & hold SELECT knob to save the patch.

If you want to change the block order, rotate PARAM knob to highlight the target block, press and hold PARAM knob, then the current block will flash. In the meantime, you can rotate PARAM knob to move the block order. Press PARAM knob again to confirm the current position. After the tweaking, press & hold SELECT knob to save the patch.

Under EDIT MODE, press SELECT as home button to go back to PRESET MODE immediately.

The GAIN, LEVEL, BASS, MIDDLE, TREBLE, PRESENCE Knobs (related to AMP block) and NR, AMP, CAB, EQ Buttons



Under PRESET MODE, you can press the NR, AMP, CAB, EQ buttons to engage/disengage the related blocks.



Either under PRESET MODE or EDIT MODE, you can tweak the GAIN, LEVEL, BASS, MIDDLE, TREBLE, PRESENCE knobs to adjust the parameters of AMP block.

Control Panel



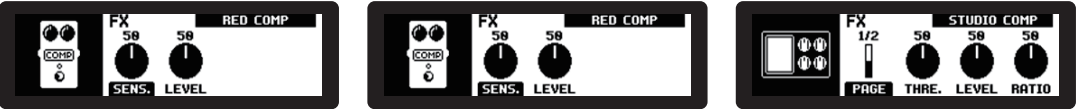
RATE, LEVEL Knobs^①, MOD 3-way Toggle Switch^③
SENSE, LEVEL Knobs^②, FX 3-way Toggle Switch^④
DEPTH Knobs



Either under PRESET MODE or EDIT MODE, you can tweak RATE, EDPTH, LEVEL knobs^① to adjust the parameters of MOD block; you can tweak SENSE, LEVEL knobs^② to adjust the parameters of FX block.

FX block: Use the FX 3-way toggle switch^④ to choose the category.

COMP



FILTER



Control Panel

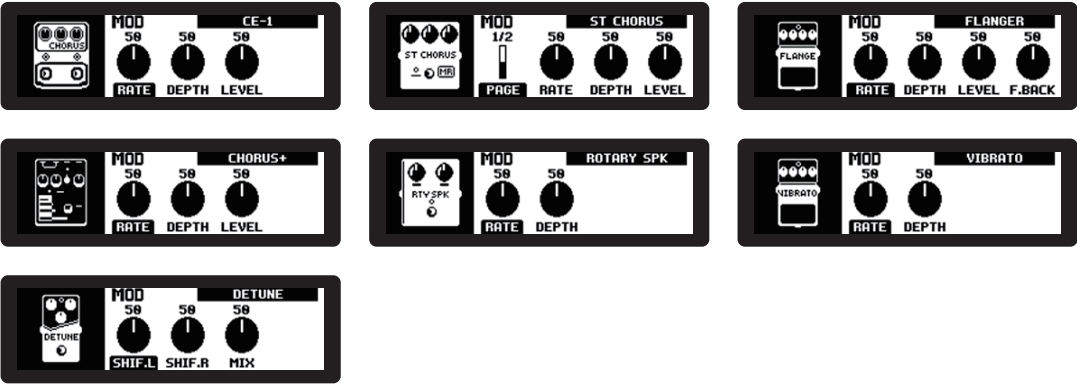
PITCH



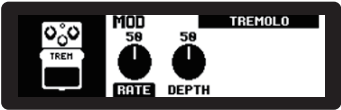
MOD block

Use the MOD 3-way toggle switch^③ to choose the category.

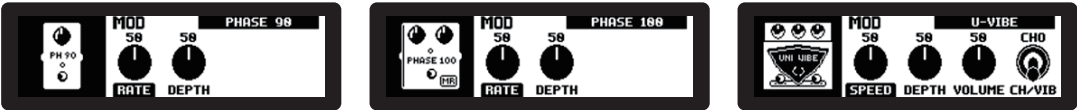
CHOR



TREM



PHAS



(These models are based on Firmware V1)

Control Panel

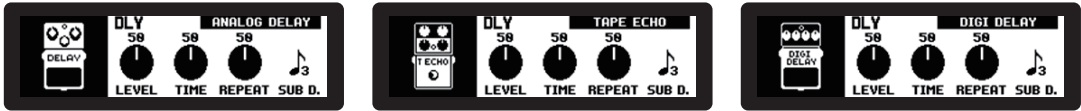
LEVEL[®], TIME, REPEAT Knobs, DLY types 3-way Toggle Switch[®]
LEVEL[®], DECAY Knobs, RVB 3-way Toggle Switch[®]
DLY&RVB Routing 3-way Toggle Switch^⑦



Either under PRESET MODE or EDIT MODE, you can tweak LEVEL[®], TIME, REPEAT knobs to adjust the parameters of DLY block; you can tweak LEVEL[®], DECAY knobs to adjust the parameters of RVB block.

DLY block

Use DLY 3-way toggle switch[®] to choose the category.

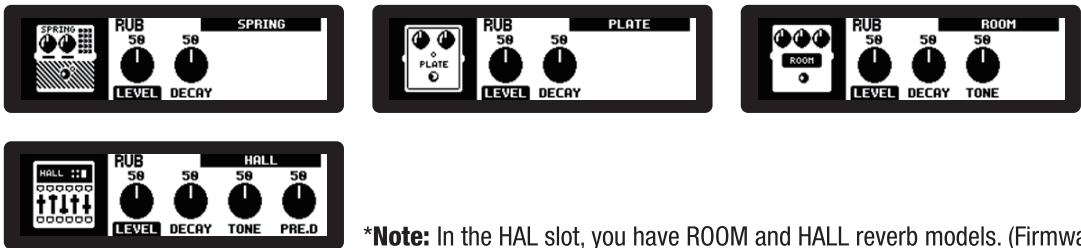


DELAY Block & REVERB Block Routing Toggle Switch^⑦

Use this toggle switch to set the signal routing of DELAY Block & REVERB Block.

RVB block

Use RVB 3-way toggle switch[®] to choose the category.



***Note:** In the HAL slot, you have ROOM and HALL reverb models. (Firmware V1)

Control Panel

UP, REVERB, DELAY, MOD, FX, DOWN, A, B, C, BOOST Foot Switches



Under PRESET MODE, you can press UP / DOWN to change the bank group digit (01~32), then press A / B / C to the target patch location.

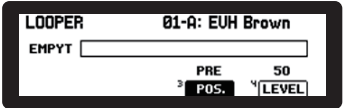
Under PRESET MODE, you can press the BOOST / FX / MOD / DELAY / REVERB foot switches to engage / disengage the related blocks. Press the DELAY foot switch two or more times to access the SMART TAP function.

Under EDIT MODE, you can press the BOOST / FX / MOD / DELAY / REVERB foot switch to enter the related block.

Under PRESET MODE, press & hold BOOST for 2 seconds to enter to TUNER MODE. Press any foot switch to quit TUNER MODE.



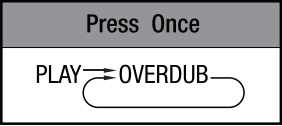
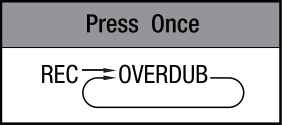
Under PRESET MODE, press & hold FX foot switch to enter to LOOPER MODE. In the meantime, FX foot switch becomes REC/DUB, MOD foot switch becomes PLAY/STOP, DELAY foot switch becomes UNDO/REDO, REVERB foot switch becomes CLEAR.



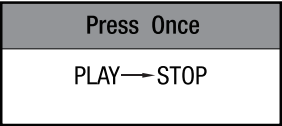
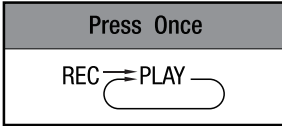
Control Panel

LOOPER MODE foot switch operation logic

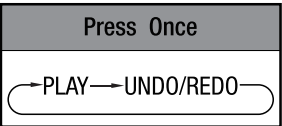
REC/DUB foot switch



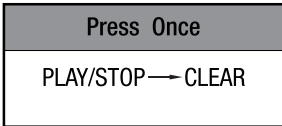
PLAY/STOP foot switch



UNDO/REDO foot switch



CLEAR foot switch



Rear Panel

POWER Switch

POWER



Connect the included power adaptor ACD-006, then press the POWER switch to turn on the device.

DC Jack

DC 9V



500mA



Connect the included adaptor (ACD-006A) to the jack.

USB Port

USB



Connect the USB cable to your computer for firmware updates, USB audio recording, or Trident™ edit software editing.

***Note:** Connect USB cable to computer, and hold UP & REVERB foot switches to turn on TRIDENT, then you can enter to DFU (Device Firmware Update) mode to do firmware update. For more details, please visit product page to check the firmware update guide and download the newest firmware & Trident™ edit software.

*For WIN, you must download and install the related ASIO driver from the product page. To avoid Trident™ editor and USB audio stream connection issues, please unplug any other unnecessary USB MIDI devices or HUBs, and connect TRIDENT directly to a USB port. If your laptop experiences connection issues, please try to update and reinstall the laptop's USB port driver or Windows Service Pack. TRIDENT uses standard USB communication, there may be some interferences related to USB hardware and/ or HUBs, especially USB MIDI devices.

*For issue replies and questions, please offer this information, it will be helpful for us to figure out.

1. Firmware version before Firmware Update.
2. DFU Updater version

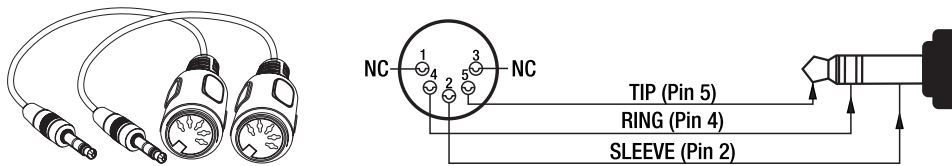
Rear Panel

- 3. PC OS version (for example, MAC Big Sur 11.0.1)
- 4. Current Firmware Version which has issues
- 5. Issue description
- 6. Screenshot of Trident™ editor connection or issue video

1/8” MIDI IN / OUT Jack



Connect an external MIDI device here. You can find the included 1/8” to 5 pin MIDI adaptors in the giftbox.



Note: Do not connect an audio device here. Doing so will cause malfunctions.

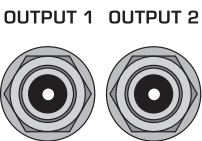
1/4” PHONES Out Jack



Connect your headphone to this output jack. The impedance is 47Ω.

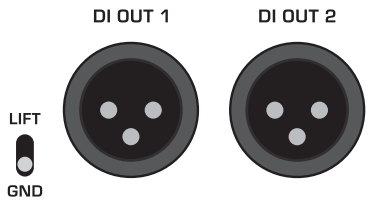
Rear Panel

1/4” OUTPUT1 & OUTPUT2 Jacks



OUTPUT 1 is unbalanced for mono, OUTPUT 2 is unbalanced for right side while stereo application. The impedance is 1kΩ.

DI OUT 1 & DI OUT 2 XLR Jacks DI GROUND LIFT Toggle Switch



The DI OUT 1 is balanced mono out, the DI OUT 2 is balanced right side while stereo application. The DI GROUND LIFT toggle switch can solve common ground issue in case.

MASTER VOL Pot



The MASTER VOL potentiometer can adjust overall output level.

Tips: Please adjust the pot from minimum setting to the target volume you feel comfortable with. It's usually loud enough when set at 12 o'clock. Protect your hearing!

Rear Panel

1/8" AUX IN Jack



Connect your MP3 player to the 1/8" AUX IN jack for playback.

1/4" SEND & RETURN Jacks



Connect external pedals with the SEND/RETURN jacks. The SEND impedance: 1kΩ. The RETURN impedance: 100kΩ.

Mode: Serial, Parallel, Branch.

*Branch mode only SENDs the signal out.

1/4" INPUT Jack



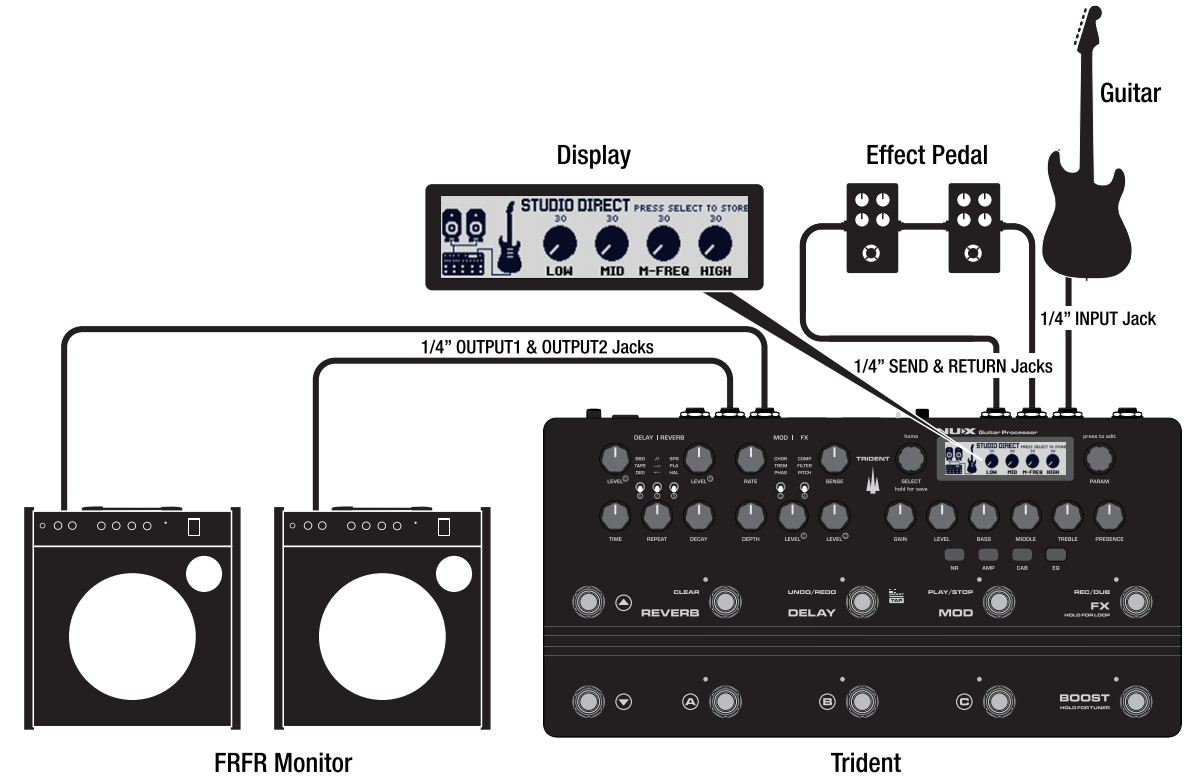
Connect your guitar to INPUT jack. The INPUT impedance: $1\text{M}\Omega$.

1/4" EXP. PEDAL Jack



Connect the external Expression pedal to control the related parameters like VOLUME (LEVEL), BOOST (GAIN / LEVEL), FX (SENS.), AMP (GAIN / LEVEL), MOD (RATE / DEPTH / LEVEL), DLY (LEVEL / TIME / REPEAT), RVB (LEVEL / DECAY).

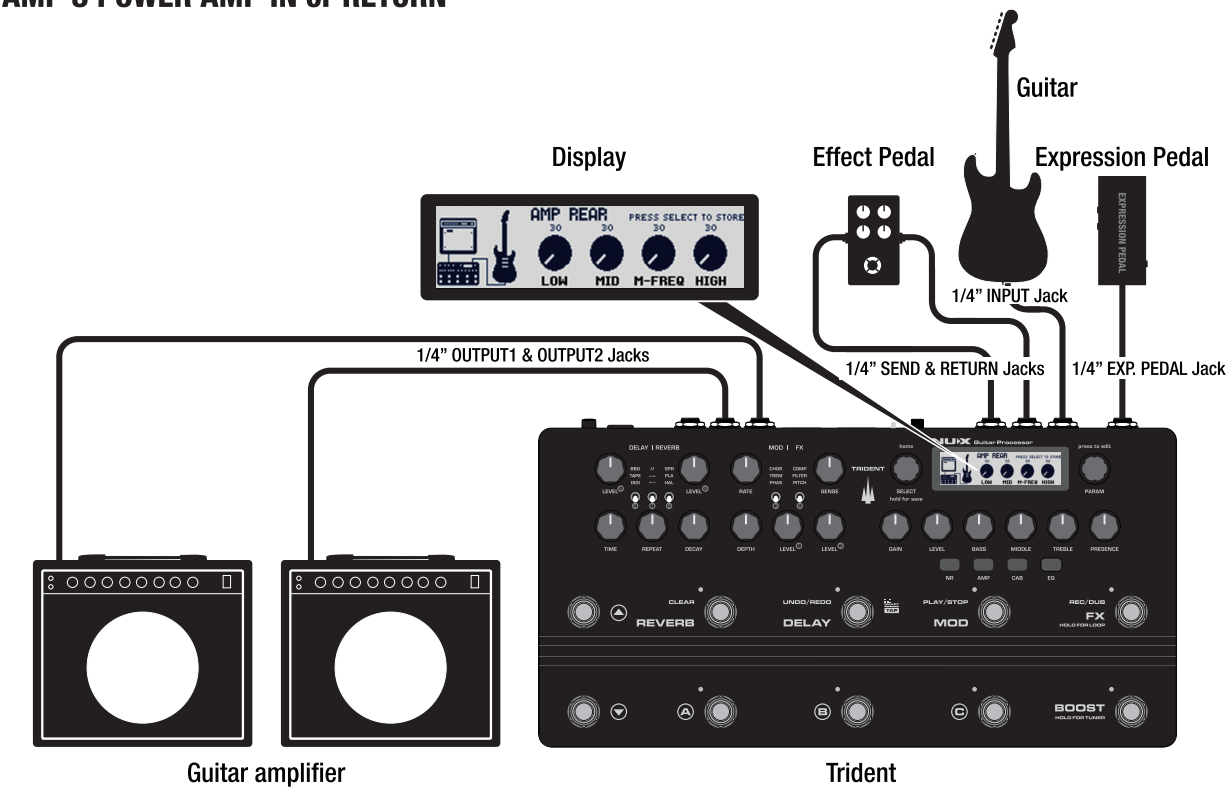
Common Connections

STUDIO DIRECT

This is the recommended setup for best results when using the TRIDENT. It's also suitable for PHONES application. You can connect the FRFR amplifiers or monitors with the 1/4" OUTPUT 1 & OUTPUT 2 or DI OUT 1 & DI OUT 2.

Common Connections

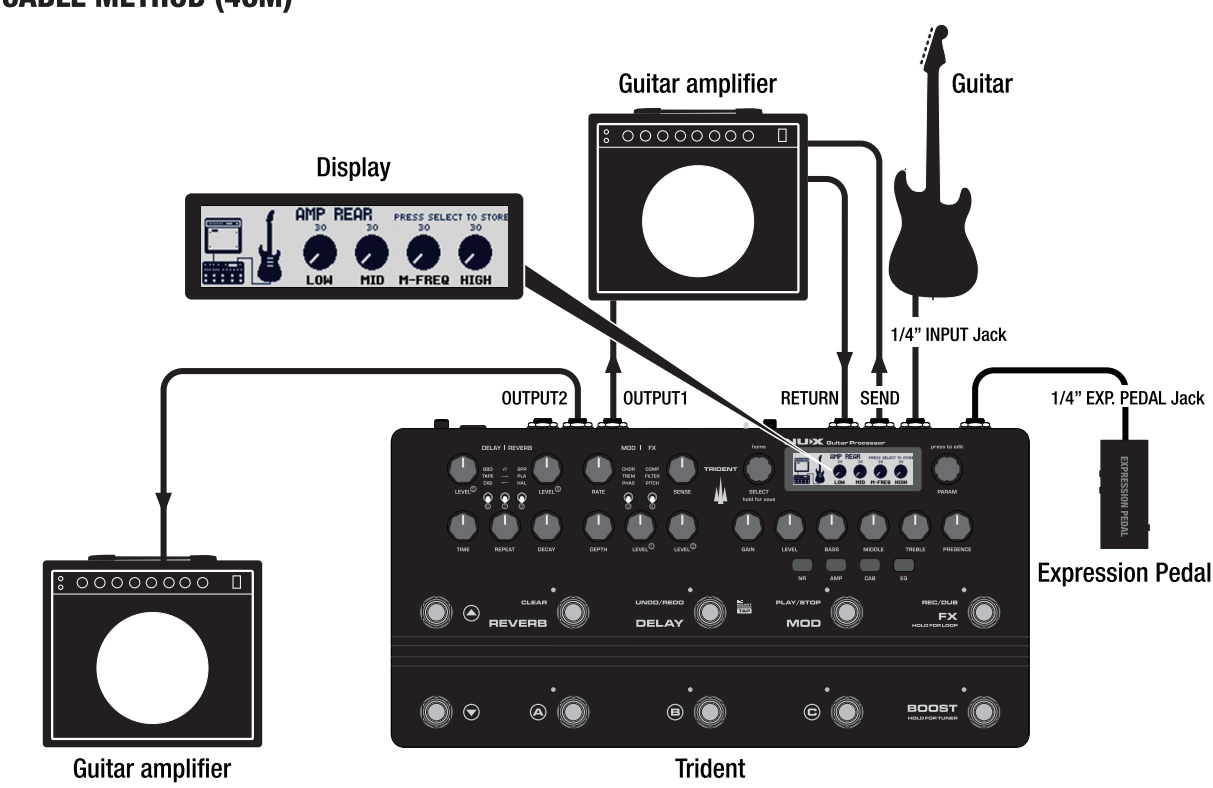
AMP'S POWER AMP IN or RETURN



While you play on the stage with a guitar amplifier, you can connect TRIDENT's 1/4" OUTPUT 1 to the amplifier's power amp in / return. Under AMP REAR, the CAB (Impulse Response) block will be disengaged.

Common Connections

CABLE METHOD (4CM)

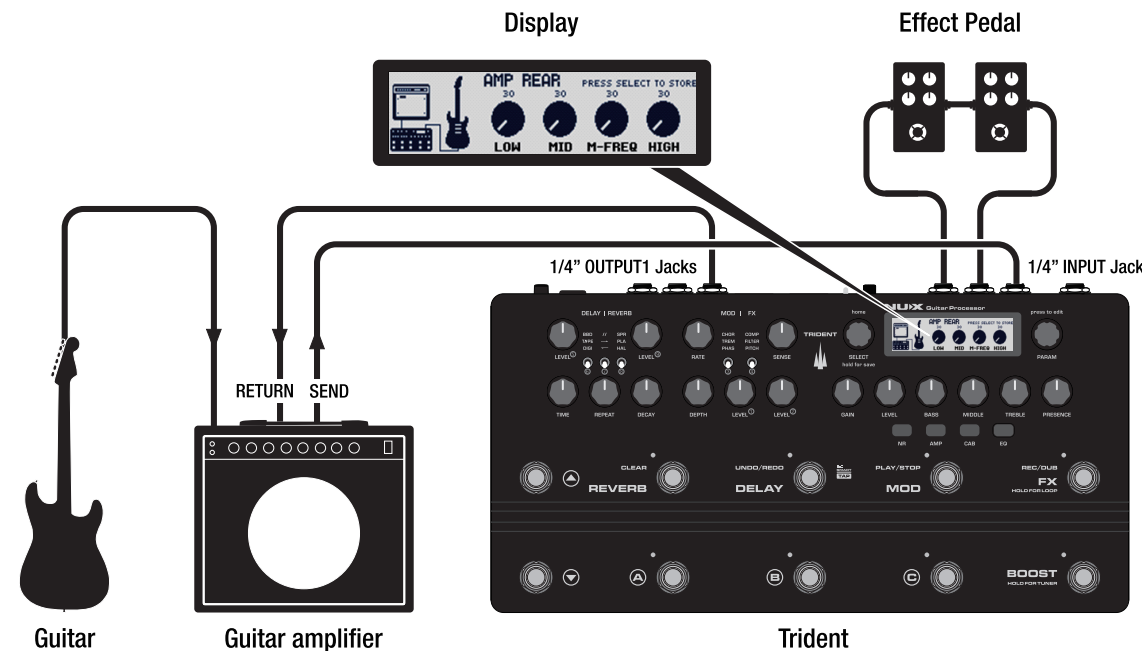


If you choose 4CM, it means you use the amplifier's preamp, TRIDENT's effects, amplifier's power amp with speakers. So, remember to setup the patches without AMP & CAB blocks, in the meantime, S/R block means the amplifier's preamp and you can adjust the S/R block order in the signal chain.

4 cables: (1) Guitar to TRIDENT's 1/4" INPUT jack. (2) TRIDENT's 1/4" SEND jack to the amp's INPUT jack. (3) The amp's SEND / PREAMP OUT jack to TRIDENT's 1/4" RETURN jack. (4) TRIDENT's 1/4" OUTPUT 1 jack to the amp's RETURN / POWER AMP IN jack.

Common Connections

POST EFFECTS



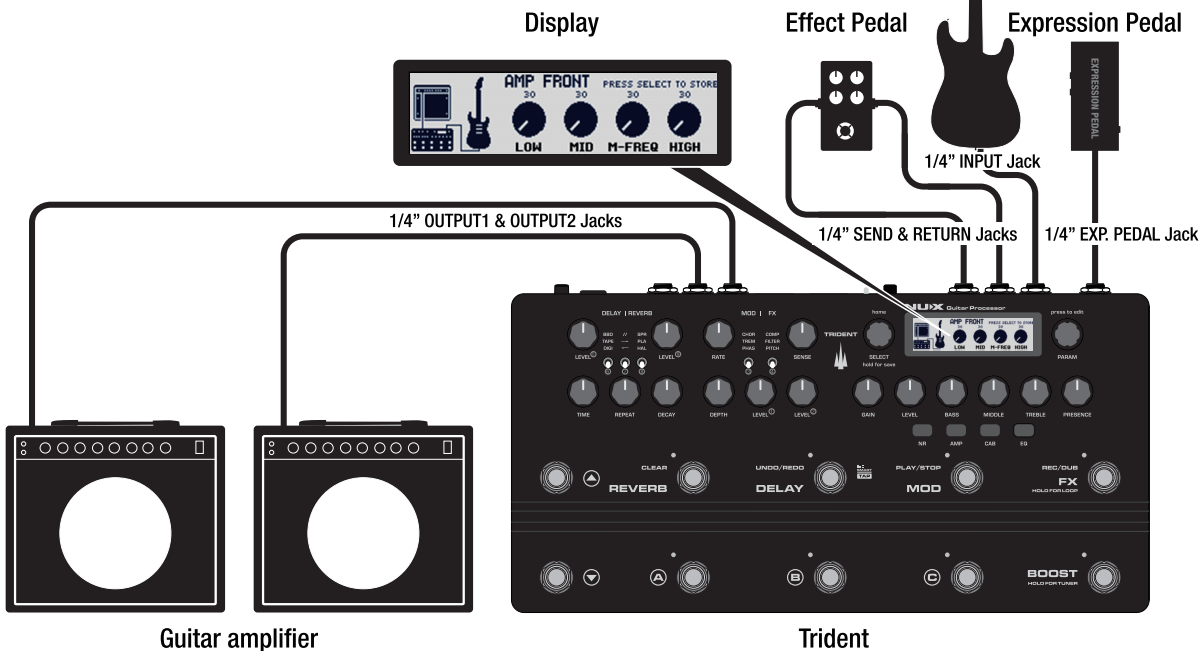
You can use the amp's preamp with TRIDENT's effects as post effects.

Connect the amp's SEND to TRIDENT's 1/4" INPUT jack, and TRIDENT's 1/4" OUTPUT 1 to the amp's RETURN. Plug your guitar into the amp's INPUT.

Remember to disengage the AMP & CAB(IR) blocks for the patches in this application. Then you can use all the post effects like EQ, MOD, DLY, RVB.

Common Connections

PRE-EFFECTS



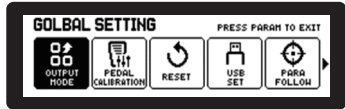
This is the simplest connection between the TRIDENT and your amplifier.

We won't recommend this connection, if there is no other choice, and this is the only way, please be careful for the tone tweaking.

In this application, try to bypass all the TRIDENT'S blocks in the beginning, and tweak the amp's EQ sounds as flat as possible. Then start to use TRIDENT's patches to play.

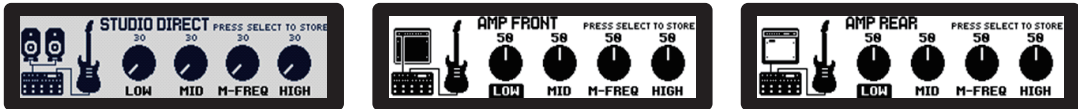
Global Setting

Under PRESET MODE, press the PARAM & SELECT knobs simultaneously to enter to GLOBAL SETTING.



In the meantime, you can press PARAM to quit GLOBAL SETTING. Or rotate the SELECT knob to choose target function. Press SELECT once to enter the target function, press PARAM to quit to upper layer.

1. OUPUT MODE



While you enter to OUTPUT MODE, you can rotate the SELECT knob to choose the output mode. As you can see the display has 4 parameters: LOW, MID, M-FREQ, HIGH. These are global EQ in the end of signal chain. You can press NR button to highlight LOW, press AMP button to highlight MID, press CAB button to highlight M-FREQ, press EQ button to highlight HIGH. Then rotate the PARAM knob to adjust the related parameters. Press SELECT to save, or press PARAM to quit.

2. PEDAL CALIBRATION



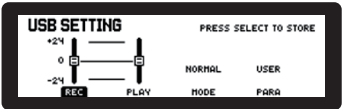
Follow the display guide, it's intuitive to operate.

3. RESET



Global Setting

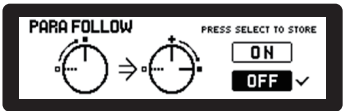
4. USB SET



You can press NR button to highlight REC level, press AMP button to highlight PLAY level, press CAB button to highlight MODE, press EQ button to highlight PARA. Then rotate PARAM knob to adjust the related parameters. Press SELECT knob to save, or press PARAM knob to quit.

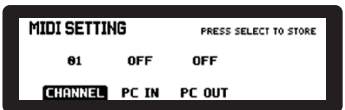
Warning!! In order to offer you the best dynamic range of USB Streaming, Trident doesn't adjust the PC's audio system playback. So while you use TRIDENT as the USB audio interface, remember to adjust the PC's playback volume from the “minimum” to the desired volume. It can protect your ears.

5. PARA FOLLOW



Engage PARA FOLLOW function to remember your parameter tweaking habits.

6. MIDI



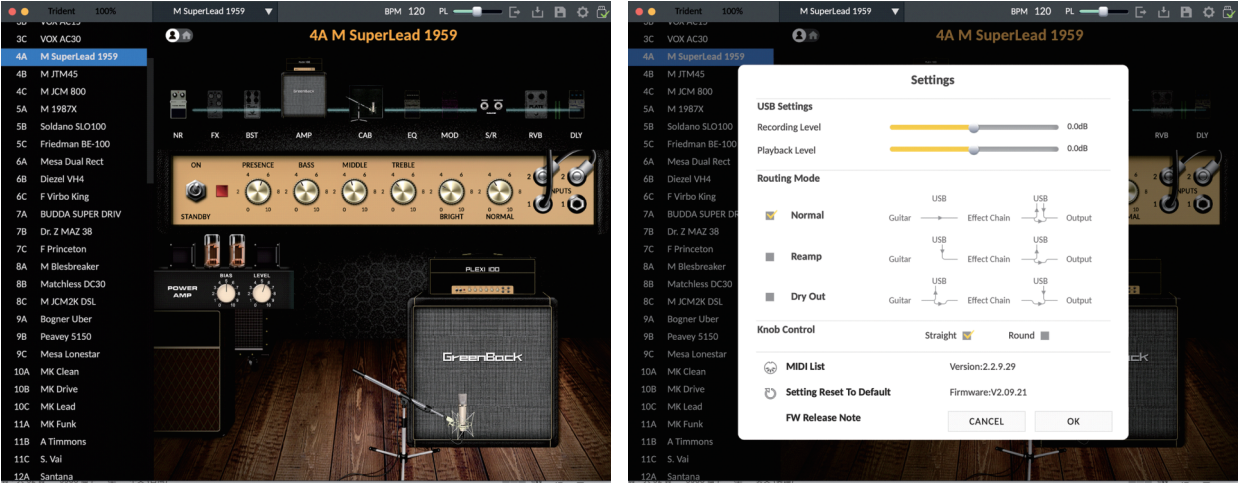
MIDI CHANNEL: OMNI,1~16

PC IN (Program Change In): Engage / Disengage TRIDENT to accept MIDI PC commend.

PC OUT (Program Change Out): Engage / Disengage TRIDENT to send MIDI PC commend.

Trident™ Editor

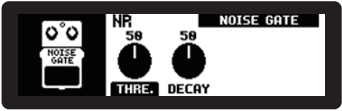
You can download the Trident™ editor from the product page. Here, you can see the interface for adjusting parameters, dragging block order, save patches, load patches, export patches, load IRs, set up USB routing on Trident™ editor.



For more details, you can watch TRIDENT's tutorial videos on the NUXEFX YouTube channel.

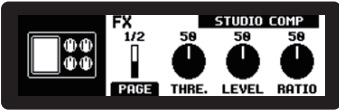
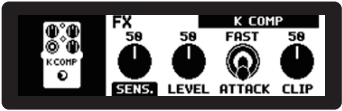
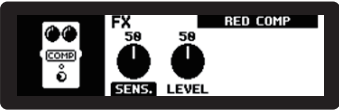
Block Reference

NR:

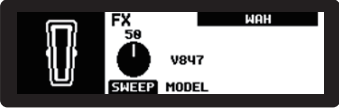
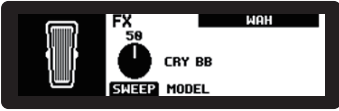
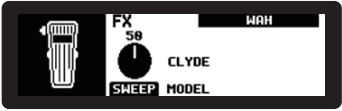
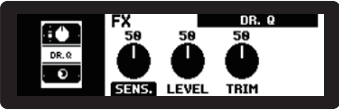


FX:

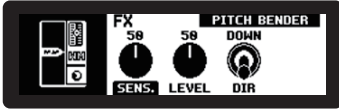
COMP



FILTER

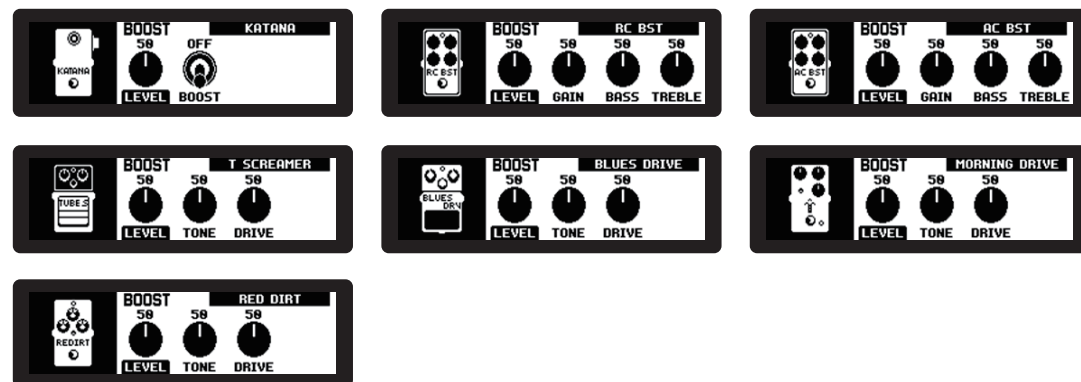


PITCH

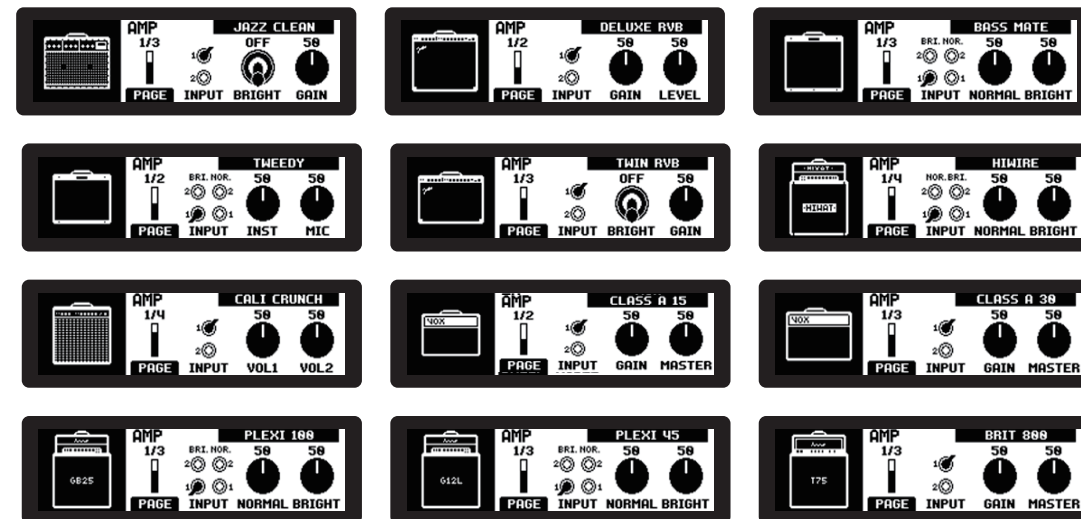


Block Reference

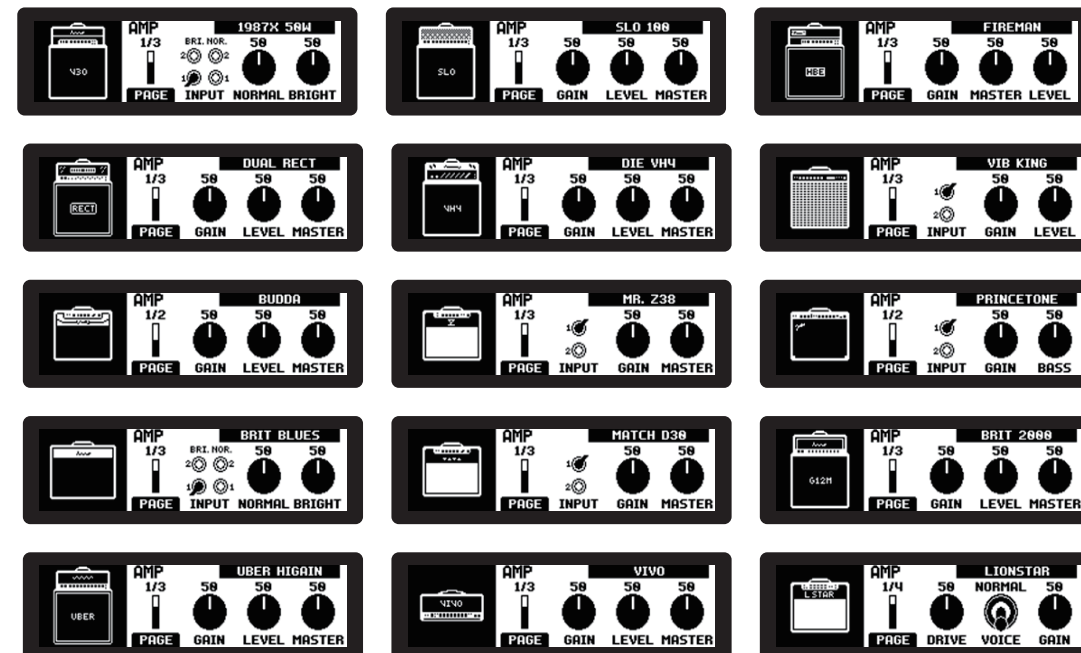
BOOST



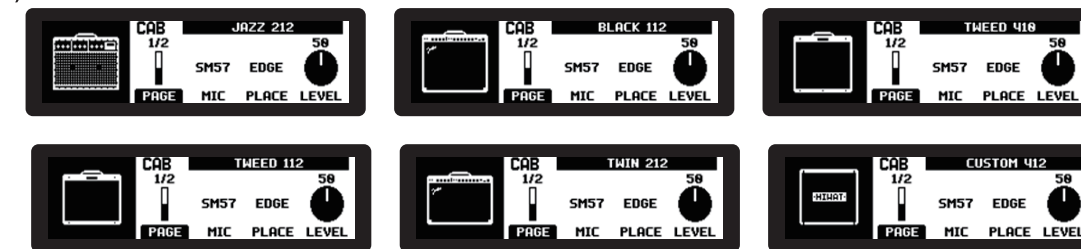
AMP



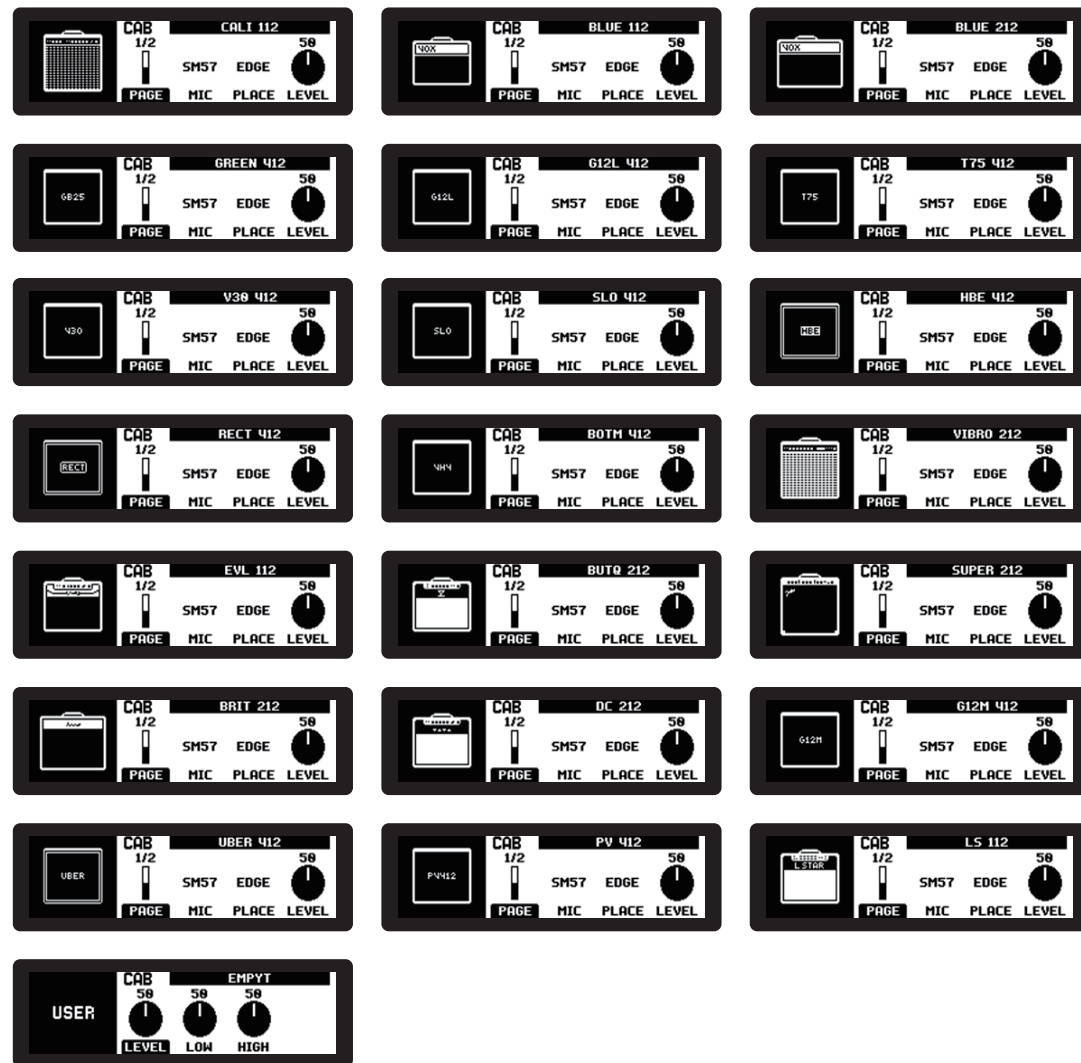
Block Reference



CAB(IR)

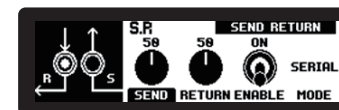


Block Reference



Block Reference

S/R



Mode: Serial, Parallel, Branch.

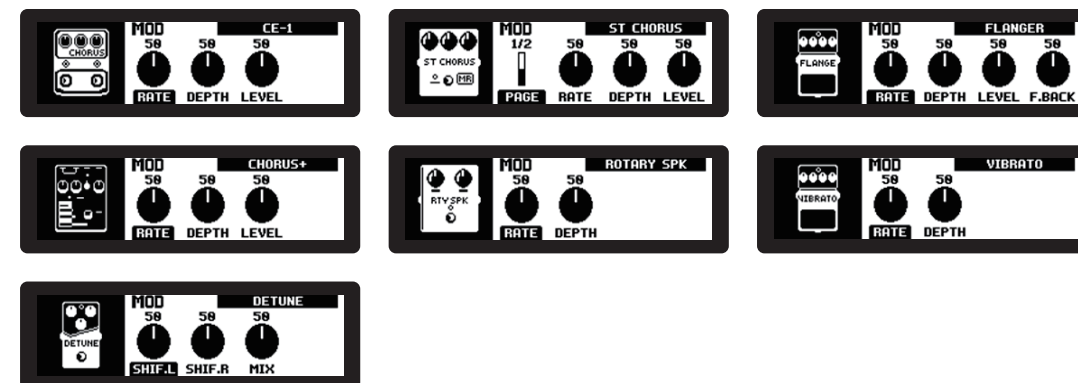
*Branch mode only SENDs the signal out.

EQ



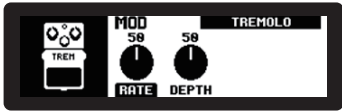
MOD:

CHOR

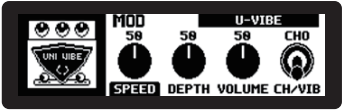
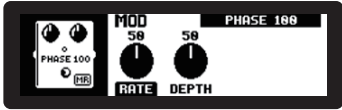
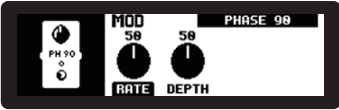


Block Reference

TREM

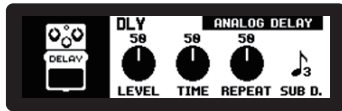


PHAS



DLY:

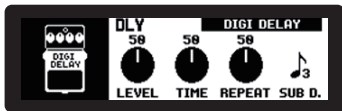
BBD



TAPE



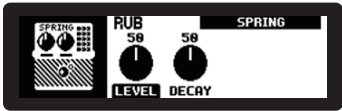
DIGI



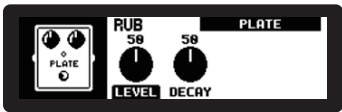
Block Reference

RVB:

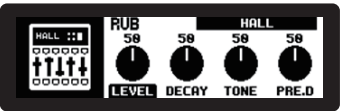
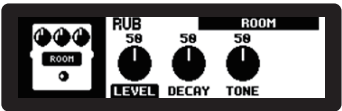
SPR



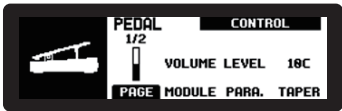
PLA



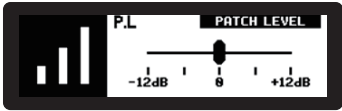
HAL



PEDAL:



PL:



Specifications

- INPUT Impedance: 1M Ω
- AUX IN Impedance: 10k Ω
- RETURN Impedance: 100k Ω
- OUTPUT 1, OUTPUT 2, SEND Impedance: 1k Ω
- Phone Impedance: 47 Ω
- Dynamic Range: 109dB
- Sampling Rate: 48kHz / 32bit
- System Latency: 1ms
- Power: 9V DC (Negative Tip, included ACD-006A adaptor)
- Current Draw: < 330mA
- Dimensions: 312(L) x 164(W) x 65(H)mm
- Weight: 1.65kg

*Specifications and features are subject to change without notice.

What's in the box?

NME-5 x 1, Power Adapter x 1, USB Cable x 1, 3.5mm TRS to 5 pin MIDI adaptors x 2, Footswitch Cap x 5, User Manual x 1, NUX sticker x 1.