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www.nuxaudio.com

NUX

MG-50Li
MODELER & PROFILER

User Manual



TS/AC 4K
MULTI-EFFECTS PROCESSOR & PROFILER

V1

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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!

Overview

Thanks for choosing the NUX MG-50Li Modeler & Profiler!

The MG-50Li is NUX family's flagship multi-effects processor for guitar and bass, built around two core technologies: TS/AC-4K white-box physical modeling amps and DeepImage profiling amp models. Its L/R Cyber IR engine provides stereo cabinet emulation with adjustable Microphone, Position, and Distance parameters, giving you detailed control over your sound. Combining up to 14 simultaneous effect blocks with ultra-flexible routing options across the dual-chain, the MG-50Li unlocks an enormous range of tonal possibilities.

With the NUX IMAGE app and the DeepImage technology, you can capture your favorite amps or OD/DIST pedals and store the profiles directly inside the MG-50Li, bringing all of your favorite amps everywhere easily. You can also create incredible sounds via the NUX IMAGE app by combining these captures with different EQ models and power amp tube models.

Patches can be edited directly from the front panel or through the NUX Audio app on your phone or computer for customization. Equipped with a high-definition color LCD display that stays readable even in bright daylight, the MG-50Li provides you with everything you need to dial in your sound and perform with confidence.

Features

- TS/AC-4K white-box physical modeling algorithm delivers astonishingly realistic amp sims and FX.
- Supports NUX Image & DeepImage profiling, allowing users to capture any amps & pedals.
- L/R Cyber IR engine delivers stereo cabinet emulations with adjustable Microphone, Position, and Distance parameters.
- 2 effect chains with up to 2 amps & 4 cabs (L/R Cyber IR).
- Combines up to 14 simultaneous effects blocks with ultra-flexible routing options.
- Exceptional sound quality with 24-bit AD/DA, 32-bit floating-point processing, and 48kHz sampling rate.
- 5-inch high-definition color LCD display.
- NUX Audio App control (Mobile, Win/Mac).
- Dual Send/Return loops let you route your favorite pedals.
- Built-in USB audio interface enables straightforward sound customization, patch management, and computer-based recording.
- Built-in rechargeable battery offers convenience for practice and performance.

Control Panel

■ Top panel



1 5" colored LCD display

2 Edit knob
-Press this knob to edit the effect chain.
-Press this knob to enable/disable an effect block.
-Press this knob to switch pages when adjusting the parameters of effects.

3 Master Volume knob
Adjusts the master volume of the MG-50Li.

4 Edit button
-Press this button to adjust the effects.
-Press and hold this button to change the effect category.

5 Back/Home button
-Press this button to quit or go back to previous page.
-Press and hold this button to go back to Home screen.

6 Save button
Press and hold this button briefly to save data and settings.

7 Global setting button
Press this button to enter the global settings.

8 Select, 1, 2, 3, 4 knobs
In edit mode, rotate these knobs to adjust the parameters.

9 Down/Up switches
Press the Down/Up switches to select a bank of patches.

10 A/B/C/CTRL switches
-Press the A/B/C switch to select a patch.
-Press the CTRL switch to turn on/off the function assigned to the CTRL.

11 Input/Output indicators
-The input indicator shows the input signal level.
-The output indicator shows the output signal level.

12 Pedal
-Use this pedal to control the output volume.
-Press this pedal to turn on/off the expression pedal.

■ I/O jacks



1 Input jack
Connect your guitar or bass through this jack.

2 Send/return jacks (Effect loops)
-Connect an external effect processor here.
-You can place an external effects unit between the SEND and RETURN jacks and use it as part of the MG-50's internal signal chain.
-You can also use the SEND (1, 2)/RETURN (1, 2) jacks as SEND (L, R)/RETURN (L, R) jacks for connecting a stereo effect unit.

3 Output jacks
Connect these to your guitar amp or mixer. For a mono connection, use only the L/MONO jack.

4 DI out jacks and controls
-XLR jacks: Connect these to your PA system, etc.
-[GND LIFT] switch: Normally set to OFF. If a ground loop causes noise when an amp is connected to the XLR outputs, switching to LIFT may eliminate the hum.
-DI OUT LEVEL: Use this knob to adjust the output volume.

5 EXP jack
Connect an expression pedal or footswitch (NMP-2 lite, sold separately) to control various parameters.

6 Aux in jack
Connect this jack to your MP3 player.

7 Earphones jack
Connect this jack to your earphones.

8 MIDI IN/MIDI OUT jacks
Connect an external MIDI device here.

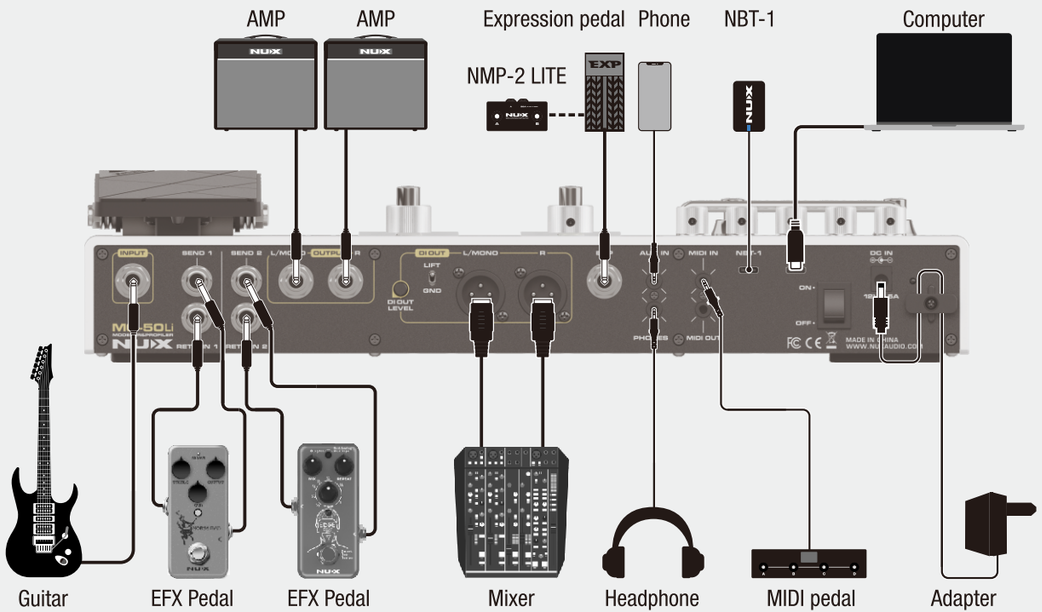
9 USB-C for NBT-1 Bluetooth module
Plug the NBT-1 Bluetooth module into this jack to enable Bluetooth audio and app control for the MG-50Li.

10 USB-C
Use a USB cable to connect to a computer, and exchange audio/MIDI data between the MG-50Li and the computer.

11 Power switch
Turn the MG-50Li on/off here.

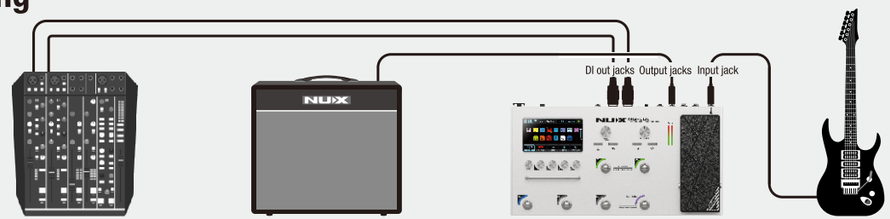
12 Power jack
Connect the included AC adaptor here.
* Use the cord hook to secure the cord of the adaptor as shown in the illustration.

Connection



How to use

■ Playing



1.Connect your guitar to the MG-50Li, then connect the MG-50Li to an amp or a mixer.

2.Turn on the MG-50Li.



3.Press the Down/Up footswitches or rotate the knob on the right of the screen to select a bank of presets. Press the A/B/C foot switches to select a patch.



4.Press the Edit/Parameter knob to adjust the effect-chain.



Notes:

-Press and rotate the Select knob to choose a chain style (Single, Parallel, or Split).

-Press and rotate Knobs 1 and 2 to quickly change the effect module and model.

-Press and rotate Knob 3 to move an effect block to a new position.

-Press and turn Knob 4 to copy and paste the settings of the current effect block to another one.

5.Press the Edit button to adjust the effect.



6.Press and hold the Edit button to change the effect module and model.



7.STOMP mode

Press the Down and Up switches simultaneously or press the Select button below the screen to enter STOMP mode.



Notes:

-Follow the on-screen instructions to set up the footswitches for controlling the effect blocks in the effect chain.

-Use a footswitch to control two or more effect blocks at once.

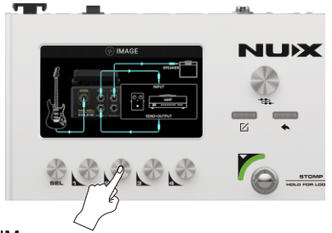
8.CTRL/EXP setup

Press Knob 1 to configure the CTRL/EXP settings for the current patch.



9.IMAGE

Connect the MG-50Li to your computer, launch the NUX IMAGE app, then press Knob 2 to enable or disable profiling. See the following pages for details.



10.INPUT TRIM

Press Knob 3 to set the input trim for your instrument. You can save up to 6 input trim settings for different instruments.



11.CONSOLE

Press Knob 4 to adjust volumes and USB stream settings in the OUTPUT CONSOLE.



Notes:

-Press the corresponding knob to mute any output in the console.

-Press the EDIT/PARA knob on the right side of the screen to configure the USB stream.

-Use USB NORMAL to record your playing, or USB REAMP for reamping.

■ How to use Preset / Scene / Stomp modes

The MG-50Li defaults to Preset mode, and supports quick switching to Scene mode and Stomp mode.

Preset Mode (PRESET)

- The MG-50Li defaults to Preset mode, with 99 preset slots built-in. Each preset has A, B, C scenes. Factory presets can be edited and saved.
- In Preset mode, press the DOWN/UP footswitches to switch presets up or down. The preset number on the screen will flash. Press any A/B/C footswitch to select the target preset.



Scene Mode (SCENE)

- Each tone preset supports up to 3 SCENES (S3 is disabled by default).
- In Preset mode, press the DOWN/UP footswitches simultaneously to enter Scene mode. Press A/B/C footswitches to select S1/S2/S3 of the current preset.



TIPS: You can also set CTRL or EXP to SCENE in System Settings – EXP/CTRL Settings to switch S1/S2/S3.

Stomp Mode (STOMP)

The MG-50Li features Stomp mode, which lets you use the A/B/C footswitches to control specific effect blocks, turning them on/off instantly with a single press.

- Enter Stomp mode by pressing the DOWN and UP footswitches twice, or by pressing the SEL knob.



- After entering STOMP mode, press the SEL knob, then turn the large knob on the right of the display to select your target effect block. Press A/B/C footswitch to complete the assignment. Once set, the corresponding footswitch label (A/B/C) will appear above the controlled effect block.

TIPS:
1. In STOMP mode, one footswitch can control multiple effect blocks to turn them on or off simultaneously.
2. In STOMP mode, press Knob 1 (UNASSIGN) to clear the assigned footswitch control.
3. In STOMP mode, press Knob 2 to activate the LATCH. While LATCH is enabled, press and hold the footswitch to turn on its corresponding effect module. Release the footswitch to revert to the previous state.



■ How to use LOOPER

Press and hold the DOWN and UP footswitches for 1 second to enter LOOPER mode. MG-50Li offers 30 seconds stereo recording for looper.

- **Record/Playback:** After entering LOOPER mode, press footswitch A to record/play/overdub.
- **Stop Playback:** Press footswitch B to stop playback. After stopping, hold footswitch B to clear the current loop.
- **Exit LOOPER:** Press footswitch C to exit LOOPER mode and return to the home screen.

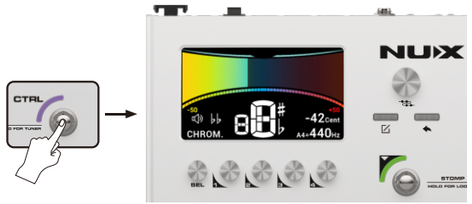


TIPS:

- **N.R. (Normal Recording):** Standard recording mode. Recording starts when the footswitch is pressed.
- **A.R. (Auto-detect Recording):** Auto-detect recording mode. After pressing the footswitch, recording starts automatically when the system detects an input signal.
- **PRE:** LOOPER is placed at the front of the effect chain, which means it records dry signal.
- **POST:** LOOPER is placed at the end of the effect chain, which means it records wet signal.
- **VOLUME:** Controls the output volume of the LOOPER.

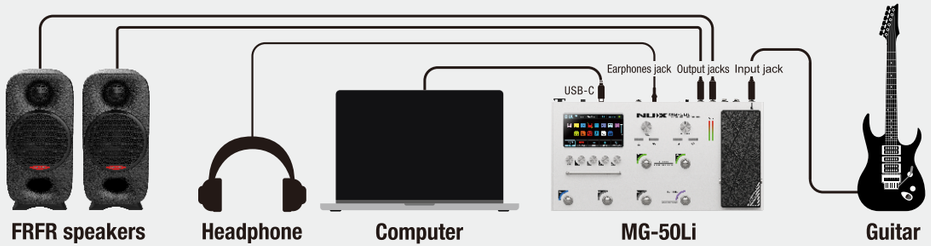
■ How to use TUNER

- Hold the CTRL footswitch to enter the TUNER.
- Rotate the SEL knob to turn ON/OFF the output, rotate the knob 1 to select the tuning mode: Chromatic, G-STD, G-CPS, BASS. Rotate Knob 2 to switch to flat tuning (b/bb, only available in Guitar/Bass modes). Rotate Knob 4 to adjust the A4 reference pitch (430Hz~450Hz).



■ How to record with the MG-50Li

The MG-50Li can function as a USB audio interface for recording or playing back computer audio.



Connect the MG-50Li to your computer via the built-in USB-C port, and set the MG-50Li as the audio input/output device in your computer system.

By default, USB IN 1/2 are stereo wet signal input channels, and USB IN 3/4 are stereo dry signal input channels.

On the main screen, press Knob 4 to enter the Audio Console. The MG-50Li display will show the corresponding interface. Use the five knobs below the screen to quickly adjust the volume of the corresponding inputs/outputs. Press any of the five knobs to mute the corresponding audio channel, a MUTE indicator will appear on the screen.



When using the Audio Console interface, press the large knob on the right of the display to switch to the USB Audio Settings interface, as shown below.

TIPS:

- Rotate the SEL knob to select USB NORMAL / REAMP mode.
  The system defaults to USB NORMAL mode, which is suitable for general recording scenarios.
  REAMP mode is used to re-input the instrument dry signal recorded in the DAW into the MG-50Li to REAMP.
- Rotate Knob 1 to adjust the volume balance between INPUT / PLAYBACK.
- Rotate Knob 2 to select the Dry signal input channel.
- Rotate Knob 3 to turn LOOPBACK on or off.





Global Settings

Press the GLOBAL SETTING button on the main interface to enter the system global settings.



■ INPUT TRIM

You can set up to 6 different input signal adjustments on the INPUT TRIM panel to match the input level of signals from various instruments.



■ OUTPUT MODE

You can select the appropriate output mode in OUTPUT MODE according to different usage scenarios.





TIPS:

- In most cases, set the output mode to Studio Direct (Line/Phones). One of the highlights of the MG-50Li is its built-in high-quality cabinet amplifier (AMP) and impulse response cabinet simulation (IR) models. This mode delivers excellent sound effect when outputting to full-range speakers, monitor speakers or mixing consoles.
- When connecting the MG-50Li to combo guitar amplifiers or stack amplifiers, select the corresponding Combo or Stack output mode for optimal tone.
- For bass amplifiers, select Bass Amp or Bass Amp (No Tweeter).

■ GLOBAL EQ

You can adjust the final output sound via the built-in 10-band Global EQ, HPF (High-Pass Filter) and LPF (Low-Pass Filter).





■ EXP IND. Setting

- EXP INDEPENDENT W PATCH: When enabled, the status of the WAH will remain locked while switching between presets.
- Press the CTRL button to calibrate the pedal following the on-screen prompts.







■ Display Settings

You can select the display mode of patch names here.
You can set the default startup screen or custom user interface.





TIPS: When connected to a computer or mobile phone via USB port, you can upload images via the NUX AUDIO APP to set custom startup screens.

■ Brightness

Adjust the brightness of the color LCD screen and footswitch lights.



■ PARA. FOLLOW

You can enable or disable the Parameter Follow function. When enabled, parameters set in one effect block will be saved by the system and retained without loss when switching between different effect modules.





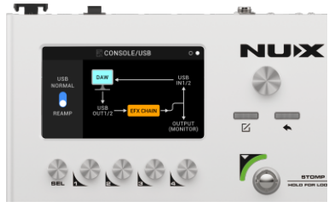
Amp connects defualt IR: It is set to ON by default, in this case the factory preset IR will be automatically matched the AMP when switching amplifier models. When you switch to OFF, the IR will always stay at F001.

■ Output Console

Quickly adjust the volume of PHONES, OUTPUT, XLR, USB IN 1/2 and USB IN 3/4 here. Press the large knob on the right side of the screen to enter USB audio settings. Refer to the USB recording instructions for details.







■ Bluetooth

You can enable or disable the Bluetooth module here.





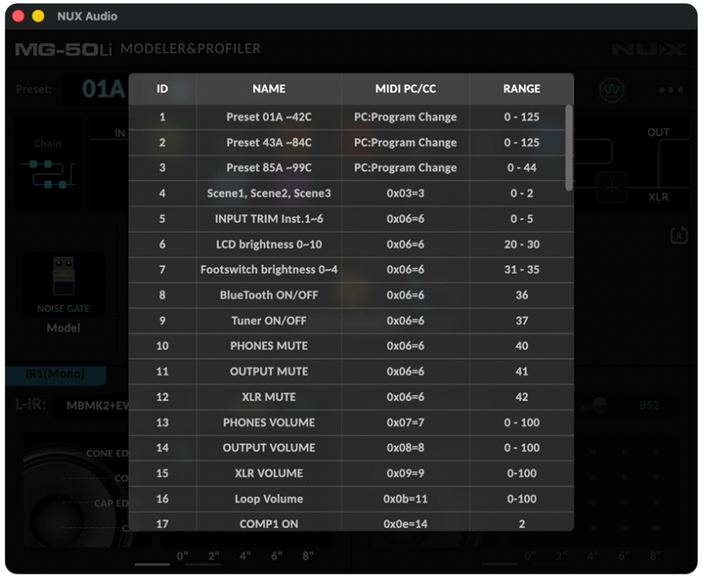
■ MIDI

Set MIDI channels, enable/disable MIDI IN and MIDI OUT, and configure the preset range for Program Change control.

TIPS: Program Change functions are divided into three groups. Select the corresponding control range as required.
PC#0~125 - 01A~42C
PC#0~125 - 43A~84C
PC#0~44 - 85A~99C



TIPS: Download the NUX AUDIO APP from the official NUX website, connect it to MG-50Li, then find all MIDI commands in Settings → MIDI List.



ID	NAME	MIDI PC/CC	RANGE
1	Preset 01A ~42C	PC:Program Change	0 - 125
2	Preset 43A ~84C	PC:Program Change	0 - 125
3	Preset 85A ~99C	PC:Program Change	0 - 44
4	Scene1, Scene2, Scene3	0x03=3	0 - 2
5	INPUT TRIM Inst.1~6	0x06=6	0 - 5
6	LCD brightness 0~10	0x06=6	20 - 30
7	Footswitch brightness 0~4	0x06=6	31 - 35
8	BlueTooth ON/OFF	0x06=6	36
9	Tuner ON/OFF	0x06=6	37
10	PHONES MUTE	0x06=6	40
11	OUTPUT MUTE	0x06=6	41
12	XLR MUTE	0x06=6	42
13	PHONES VOLUME	0x07=7	0 - 100
14	OUTPUT VOLUME	0x08=8	0 - 100
15	XLR VOLUME	0x09=9	0-100
16	Loop Volume	0x0b=11	0-100
17	COMP1 ON	0x0e=14	2

■ System

Restore factory defaults and check the operating status of system hardware here.

■ Restore Factory

Warning !

Restoring factory settings will delete all user-saved settings and data. Please back up all data in advance before proceeding.





■ System Inspection

Check if all input & output ports, screen, buttons and footswitches of MG-50Li function as well.

TIPS: Press footswitch C and CTRL simultaneously to exit system detection mode.





■ Other Settings

S3 (SCENE): Enable or disable S3 function.
TAP: Set TAP function to take effect only on presets or globally.
PHONES: Set the headphone jack to follow OUTPUT or XLR output.
PATCH ROLLING: Select CW for clockwise scrolling or CCW for counter-clockwise scrolling when switching presets.
Patch Tail: Enables or disables the tail retention function when switching presets.



■ Profiling with the NUX IMAGE app

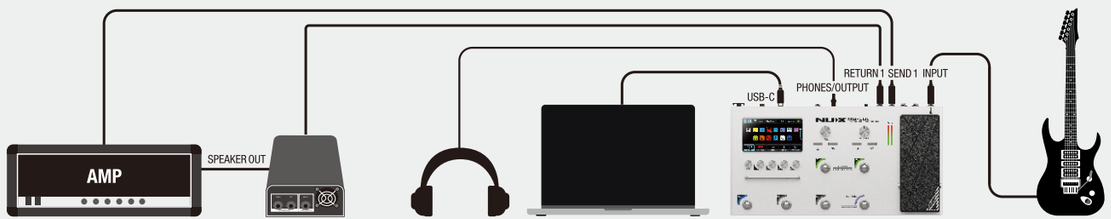
One of the most exciting features of the MG-50Li is its ability to profile your favorite amps via the NUX IMAGE app. You can then load these sounds into the MG-50Li for use anywhere.

Before you start, note that ".image" is a file format developed by NUX. It represents a single profile of an amp or preamp pedal. Meanwhile, ".deepimage" is another format created by combining multiple ".image" files. This combination delivers the best simulation of an amp's GAIN or VOLUME controls.

Below is a guide on using the NUX IMAGE app to create ".image" and ".deepimage" files, as well as how to load these files into your MG-50Li. The process only requires a few simple steps.

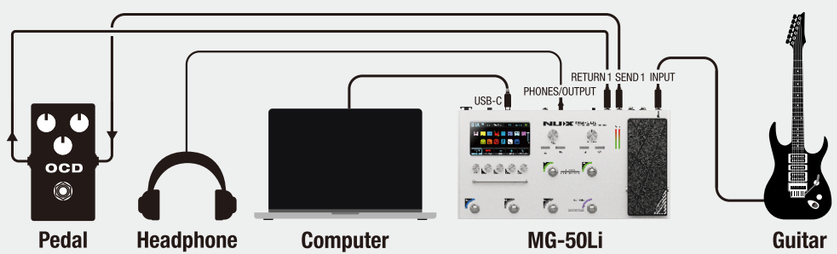
1.Connect your amp or OD/DIST pedal, guitar, computer and the MG-50Li as shown below.

Profiling an amp with a loadbox(attenuator) with the MG-50Li

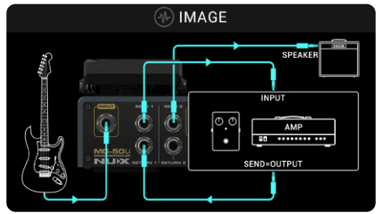


Warning: Before you start profiling an amp, you must connect your amp's 'SPEAKER OUT' to a load-box or attenuator, then output the signal to the MG-50Li for profiling.

Profiling an OD/DIST pedal with the MG-50Li



The connection should follow below instruction:



2.Download the NUX IMAGE app from our official website: www.nuxaudio.com

NuxImage

3.Create ".Image" files with the NUX IMAGE app



Suggested wet signal level range

⚠ Notes:

-Before starting profiling, you must check the “reference level”. It is recommended to set your amp's Gain to maximum and adjust the Master Volume to keep the “reference level” from being too high.
-The computer's volume should be set to maximum.
-Strum your guitar to test and make sure the wet signal level is at the “suggested wet signal level” as above.
-Click on “GO” to start.
-Once profiling is complete, you can compare the sound by switching between “Model” and “Reference”.
-Click “Export” to save the .image file to your computer.

⚠ Warning!

You must name your .image files using the format: “xxxx_0”, “xxxx_20”, “xxxx_40”, “xxxx_60”, “xxxx_80”, “xxxx_100”. Failure to do so will prevent you from combining them into a “.deepimage” file.

4.Create a “deepimage” file

Click “Select IMAGE files” and choose 2 to 6 of the .image files you created to combine into a .deepimage file.

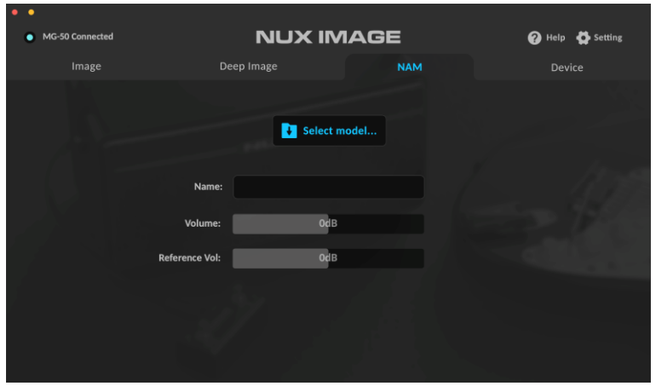


⚠ Notes:

-Based on your device type, select the DeepImage style from “Amplifier, Stomp Box”.
-Select an EQ from “F'65, V'Diamond, M'British, High Gain Bass”.
-You can preview the sound you created directly in the NUX IMAGE app.
-When everything is set up, click “Load into Device” to save it to your MG-50Li. Alternatively, click “Export” to save the .deepimage file to your computer.

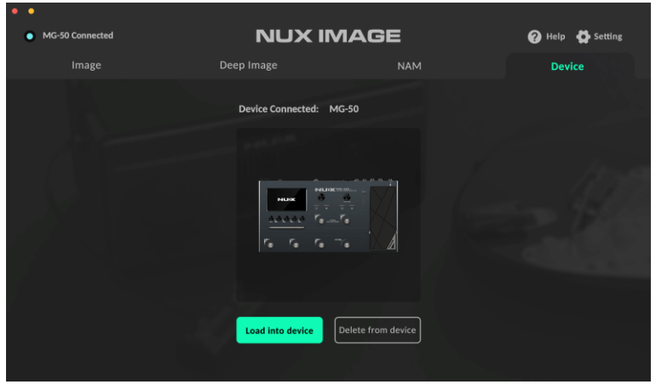
5.Import a NAM file to MG-50Li

On this page, you can import a NAM file (created by Neural Amp Modeler) to the MG-50Li.



6.Load files into the MG-50Li

-On this page, you can load an .image or .deepimage file into the MG-50Li.
-You can delete user-created .image or .deepimage files from the MG-50Li.



Softwares & Apps

Download the NUX AUDIO software for Windows and MacOS, as well as the mobile APPS for iOS and Android, from our official website: www.nuxaudio.com





Specifications

Analog/Digital	Digital
Sampling Rate	48 kHz / 32 bit
System Latency	Minimum 3ms
Presets	150 x Factory, 147 x User
Number of EFX Blocks	14 (NG, CMP, EFX, AMP, EQ, S/R, IR, DLY, RVB, WAH, MOD, PL)
Effect Chain	Serial, Parallel, Split
Impulse Responses	Left & Right; 60 x Factory Cyber IRs, 60 x User IRs
Amps	27 White-box Modeling Amps, 33 DeepImage Amps, 30 User Amps
USB	USB-C (24-bit / 48kHz USB Audio, USB MIDI [PC Editor], Firmware Update)
Bluetooth	NBT-1 Bluetooth Module (included) with APP Control
Expression Control	Yes (external EXP pedal or optional NMP-2 Lite footswitch)
Bypass Switching	Buffered Bypass
Software	NUX Audio Editor (PC), NUX Audio APP
INPUT/RETURN Impedance	1 MΩ
AUX IN Impedance	10 kΩ
OUTPUT L/R Impedance	1 kΩ
BALANCED OUTPUT Impedance	440 Ω
SEND Impedance	1 kΩ
PHONES OUT Impedance	10 Ω
INPUT to OUTPUT L/R Dynamic Range	110 dB
Power Supply	12V DC/ 1.5A (Center Negative)
Current Draw	< 1400 mA
Dimensions	393(L) x 210(W) x 72(H) mm
Weight	2.8 kg

Parameter Table for Built-in Effects of MG-50Li (Firmware V1.0.8)

Effect name	Type	Parameters											
NOISE GATE	NG/ Noise Gate	SENS.	DECAY										
HUM NOISE	NG/ Noise Gate	FREQ	HARMO.	MODE									
ROSE COMP	COMP / Compressor	SUSTAIN	LEVEL										
K COMP	COMP / Compressor	SUSTAIN	LEVEL	CLIPPING									
STUDIO COMP	COMP / Compressor	THR	RATIO	GAIN	RELEASE								
DISTORTION+	EFX / Effects	OUTPUT	SENSITIVITY										
RC BOOST	EFX / Effects	GAIN	VOL	BASS	TREBLE								
AC BOOST	EFX / Effects	GAIN	VOL	BASS	TREBLE								
DIST ONE	EFX / Effects	LEVEL	TONE	DRIVE									
T SCREAMER	EFX / Effects	DRIVE	TONE	LEVEL									
BLUES DRV	EFX / Effects	LEVEL	TONE	GAIN									
MORNING DRV	EFX / Effects	VOLUME	DRIVE	TONE									
EAT DIST	EFX / Effects	DISTORTION	FILTER	VOLUME									
RED DIRT	EFX / Effects	DRIVE	TONE	LEVEL									
CRUNCH	EFX / Effects	VOLUME	TONE	GAIN									
MUFF FUZZ	EFX / Effects	VOLUME	TONE	SUSTAIN									
KATANA	EFX / Effects	BOOST	VOLUME										
RED FUZZ	EFX / Effects	GAIN	TONE	OUTPUT									
ST SINGER	EFX / Effects	VOLUME	GAIN	FILTER									
TOUCH WAH	EFX / Effects	TYPE	DECAY	SENS.	UP/DOWN	LEVEL							
NOB ODR	EFX / Effects	DRIVE	LEVEL	SPECTRUM									
SCREAMER	EFX / Effects	DRIVE	TONE	LEVEL									
CRAZY PRO OD	EFX / Effects	VOLUME	DRIVE	BASS	TREBLE								
HORSEMAN OD	EFX / Effects	GAIN	TREBLE	OUTPUT									
FULL-OD HP	EFX / Effects	VOLUME	DRIVE	TONE									
FULL-OD LP	EFX / Effects	VOLUME	DRIVE	TONE									
BRITISH OD	EFX / Effects	DRIVE	TONE	VOLUME									
RIV BLUEFLOG STACK	EFX / Effects	LEVEL	GAIN	TONE									

Effect name	Type	Parameters											
RIV BLUEFLOG COMBO	EFX / Effects	LEVEL	GAIN	TONE									
TURBO OD	EFX / Effects	LEVEL	TONE	DRIVE									
OD/DIST	EFX / Effects	LEVEL	TONE	DRIVE									
80S' DIST	EFX / Effects	LEVEL	TONE	DIST									
90S' HEAVY DIST	EFX / Effects	LEVEL	BASS	TREBLE	DIST								
OCT BASSLINE	EFX / Effects	DRY	RANGE	SUB									
MONO OCTAVE	EFX / Effects	SUB	DRY	UP									
JAZZ CLEAN	AMP / MODELING	INPUTS	BRIGHT	GAIN	BASS	MIDDLE	TREBLE	POWER AMP	LEVEL				
DELUXE RVB	AMP / MODELING	INPUTS	GAIN	BASS	TREBLE	POWER AMP	BIAS	LEVEL					
BASSMATE	AMP / MODELING	INPUTS	NORMAL	BRIGHT	BASS	MIDDLE	TREBLE	PRES.	POWER AMP	LEVEL			
TWEEDY	AMP / MODELING	INPUTS	INST	MIC	TONE	POWER AMP	CUT	LEVEL					
TWIN RVB	AMP / MODELING	INPUTS	BRIGHT	GAIN	BASS	MIDDLE	TREBLE	POWER AMP	BIAS	LEVEL			
HIWIRE	AMP / MODELING	INPUTS	NORMAL	BRIGHT	BASS	MIDDLE	TREBLE	MASTER	PRES.	POWER AMP	BIAS	LEVEL	
CALI CRUNCH	AMP / MODELING	INPUTS	VOL1	VOL2	BASS	MIDDLE	TREBLE	MASTER	PRES.	POWER AMP	BIAS	LEVEL	
CLASS A15	AMP / MODELING	INPUTS	GAIN	POWER AMP	CUT	LEVEL							
CLASS A30	AMP / MODELING	INPUTS	GAIN	BASS	TREBLE	POWER AMP	CUT	LEVEL					
PLEXI 100W	AMP / MODELING	INPUTS	NORMAL	BRIGHT	BASS	MIDDLE	TREBLE	PRES.	POWER AMP	BIAS	LEVEL		
PLEXI 45	AMP / MODELING	INPUTS	NORMAL	BRIGHT	BASS	MIDDLE	TREBLE	PRES.	POWER AMP	BIAS	LEVEL		
BRIT 800	AMP / MODELING	INPUTS	GAIN	MASTER	BASS	MIDDLE	TREBLE	PRES.	POWER AMP	BIAS	LEVEL		
1987 X 50W	AMP / MODELING	INPUTS	NORMAL	BRIGHT	BASS	MIDDLE	TREBLE	PRES.	POWER AMP	CUT	LEVEL		
SLO 100	AMP / MODELING	GAIN	MASTER	BASS	MIDDLE	TREBLE	PRES.	DEEP	POWER AMP	BIAS	LEVEL		
FIREMAN HBE	AMP / MODELING	GAIN	MASTER	BASS	MIDDLE	TREBLE	PRES.	POWER AMP	BIAS	LEVEL			
DUAL RECT	AMP / MODELING	GAIN	MASTER	BASS	MIDDLE	TREBLE	PRES.	POWER AMP	BIAS	LEVEL			
DIE Vh4	AMP / MODELING	GAIN	BASS	BASS	MIDDLE	TREBLE	PRES.	DEEP	POWER AMP	BIAS	LEVEL		
VIB KING	AMP / MODELING	INPUTS	GAIN	BASS	MIDDLE	TREBLE	POWER AMP	BIAS	LEVEL				
BUDDA	AMP / MODELING	GAIN	GAIN	TREBLE	POWER AMP	CUT	LEVEL						
MR.Z38	AMP / MODELING	INPUTS	GAIN	BASS	TREBLE	POWER AMP	CUT	LEVEL					
PRINCETONE	AMP / MODELING	INPUTS	GAIN	BASS	TREBLE	POWER AMP	BIAS	LEVEL					
BRIT BLUES	AMP / MODELING	INPUTS	NORMAL	BRIGHT	BASS	MIDDLE	TREBLE	PRES.	POWER AMP	BIAS	LEVEL		
MATCH D30	AMP / MODELING	INPUTS	GAIN	BASS	TREBLE	POWER AMP	CUT	LEVEL					

Effect name	Type	Parameters											
BRIT 2000	AMP / MODELING	GAIN	MASTER	BASS	MIDDLE	TREBLE	PRES.	DEEP	POWER AMP	BIAS	LEVEL		
UBER HIGAIN	AMP / MODELING	GAIN	MASTER	BASS	MIDDLE	TREBLE	PRES.	DEEP	POWER AMP	BIAS	LEVEL		
VIVO	AMP / MODELING	GAIN	MASTER	BASS	MIDDLE	TREBLE	PRES.	DEEP	POWER AMP	BIAS	LEVEL		
LIONSTAR	AMP / MODELING	DRIVE	VOICE	GAIN	BASS	MIDDLE	TREBLE	MASTER	PRES.	POWER AMP	BIAS	LEVEL	
STAGEMAN	AMP / MODELING	GAIN	BASS	MIDDLE	TREBLE	POWER AMP	LEVEL						
DELUXE RVB	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
CLASS A30	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
FIREMAN HBE	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE							
PV 5150	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE	PRES.	DEPTH					
BLUES JR LTD	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
SUPER CHAM CLN	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
SUPER CHAM LEAD	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
TWIN CUSTOM15"	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
HOT ROAD DLX NOR	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
HOT ROAD DLX DRIVE	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
MARS JV410 CLN	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE							
MARS JV410 CRUNCH	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE							
MATCH Dc30	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
MB TRIPLE RECT RAW	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE							
MB TRIPLE RECT VINTAGE	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE							
MB TRIPLE RECT MODERN	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE							
MB CALI 50 NOR	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE							
ORA ROCK 50TH LEAD	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE							
TK FAL RHYTHM	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
TK FAL LEAD	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
TK GAL60 RHYTHM	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
TK GAL60 LEAD	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
T-R EXO 15	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	TREBLE								
T-R GMASTER 50 CLN	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE							
T-R GMASTER 50 LEAD	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE							

Effect name	Type	Parameters												
T-R DRAGAN LTD OD	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
T-R STUDIO PLUS CLN	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
CLAYMORE MKIII CLN	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
CLAYMORE MKIII JUICY	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
CLAYMORE MKIII CRUSH	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
DEEZL VH4 HG	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
MARS VS 8100 HG	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
MARS ASTO 50 HG	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
MB RA-100 HG	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
ORA DUAL DARK CHA	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
ORA DUAL DARK CHB	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
RANDL SATAN HG	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
RANDL SATAN HG FAT	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
RIV KNUCKLE TRE&TRE	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
AGL DB700 BASS	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	MID FREQ	TREBLE							
AMG SVT PRO BASS	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	MID FREQ	TREBLE							
MB WALK BASS	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	MID FREQ	TREBLE							
XTC BLUE	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
XTC RED	AMP / DEEPIMAGE	GAIN	VOLUME	BASS	MIDDLE	TREBLE								
M1960+V30	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
FBluesDeville112	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
M425+G12C	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
M 1960+G12M	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
M 1974+G12M	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
Budda112+AlnicoBlue	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
MBMK2+EV12	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
AC15+AlnicoSilver	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
AC30+AlnicoBlue	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
F12+V-Type	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
DIE412+V30	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						

Effect name	Type	Parameters												
MBOS412+V30	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
FIRE412+Fane	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
JC120	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
MBLSAR+AlnicoRub	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
MATCH412+G12H30	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
Dr.Z212+G12M	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
M1960+G1250	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
MSilverJubilee+G12T	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
FPrice112+Ten30	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
SLO412+G12M	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
FSuperRVB410+CTS	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
FDeluxe112+AlnicoBL	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
FTwinRvb+JenC12K	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
BOG412+V-Type	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
F112+EmiGA-SC64	IR / Guitar	MONO/STEREO	POSITION	MIC	LEVEL	LOW CUT	HIGH CUT	PAN						
AVE Friedboy V30	IR / Guitar	MONO/STEREO			LEVEL	LOW CUT	HIGH CUT	PAN						
AVE Jeezus Pierce	IR / Guitar	MONO/STEREO			LEVEL	LOW CUT	HIGH CUT	PAN						
AVE FUZZ CHAIN	IR / Guitar	MONO/STEREO			LEVEL	LOW CUT	HIGH CUT	PAN						
AVE OD CHAIN	IR / Guitar	MONO/STEREO			LEVEL	LOW CUT	HIGH CUT	PAN						
AGL DB810	IR / Bass	MONO/STEREO	POSITION		LEVEL	LOW CUT	HIGH CUT	PAN						
AMP SV810	IR / Bass	MONO/STEREO	POSITION		LEVEL	LOW CUT	HIGH CUT	PAN						
MKB 410	IR / Bass	MONO/STEREO	POSITION		LEVEL	LOW CUT	HIGH CUT	PAN						
TRC 410	IR / Bass	MONO/STEREO	POSITION		LEVEL	LOW CUT	HIGH CUT	PAN						
AMP Sv410	IR / Bass	MONO/STEREO	POSITION		LEVEL	LOW CUT	HIGH CUT	PAN						
Bassguy 410	IR / Bass	MONO/STEREO	POSITION		LEVEL	LOW CUT	HIGH CUT	PAN						
Eden 410	IR / Bass	MONO/STEREO	POSITION		LEVEL	LOW CUT	HIGH CUT	PAN						
AMP SV212	IR / Bass	MONO/STEREO	POSITION		LEVEL	LOW CUT	HIGH CUT	PAN						
G Hbird	IR / Acoustic	MONO/STEREO	POSITION	PICKUP	LEVEL	LOW CUT	HIGH CUT	PAN						
G J-15	IR / Acoustic	MONO/STEREO	POSITION	PICKUP	LEVEL	LOW CUT	HIGH CUT	PAN						
M D45	IR / Acoustic	MONO/STEREO	POSITION	PICKUP	LEVEL	LOW CUT	HIGH CUT	PAN						

Effect name	Type	Parameters											
6-BAND EQ	EQ / Equalizer	100	220	500	1.2K	2.6K	6.4K	LEVEL					
ALIGN EQ	EQ / Equalizer	HPF	110	340	660	1300	2600	5000	VOLUME				
10-BAND EQ	EQ / Equalizer	VOL	31.25	62.5	125	250	500	1K	2K	4K	8K	16K	GAIN
ANALOG DELAY	DLY / Delay	REPEAT	ECHO	INTEN.									
DIGITAL DELAY	DLY / Delay	E.LEVEL	F.BACK	D.TIME									
MODULATION	DLY / Delay	TIME	LEVEL	MOD	REPEAT								
TAPE ECHO	DLY / Delay	TIME	LEVEL	REPEAT									
REVERSE	DLY / Delay	TIME	MIX	F.BACK									
PAN DELAY	DLY / Delay	TIME	REPEAT	D.LEVEL									
PHI DELAY	DLY / Delay	MIX	REPEATS	TIME									
STEREO DELAY	DLY / Delay	L.LEVEL	L.REPEAT	L.TIME	R.LEVEL	R.REPEAT	R.TIME						
ROOM	RVB / Reverb	DECAY	TONE	LEVEL									
HALL	RVB / Reverb	DECAY	PRE.D	LIVELINESS	LEVEL								
PLATE	RVB / Reverb	DECAY	LEVEL										
SPRING	RVB / Reverb	DECAY	LEVEL										
SHIMMER	RVB / Reverb	MIX	DECAY	SHIM									
DAMP	RVB / Reverb	MIX	DEPTH										
S/R	SEND / RETURN	BRANCH/SERIAL	SEND LEVEL	RETURN LEVEL									
CLYDE	WAH	60S' TRUMPET SOUND											
CRY BB	WAH	MODERN CLASSIC US WAH											
V847	WAH	60S' BRITISH CLASSIC WAH											
HOSE WAH	WAH	CONTOUR	RANGE										
OCTAE-SHIFT	WAH	UP/DOWN											
CE-1	MOD / Modulation	INTEN.	DEPTH	RATE									
CT-2	MOD / Modulation	RATE	DEPTH										
ST.CHORUS	MOD / Modulation	INTEN.	WIDTH	RATE									
VIBRATOR	MOD / Modulation	RATE	DEPTH										
DETUNE	MOD / Modulation	SHIFT-L	MIX	SHIFT-R									
FLANGER	MOD / Modulation	LEVEL	RATE	WIDTH	F.BACK								
PHASER 90	MOD / Modulation	SPEED											

Effect name	Type	Parameters											
PHASER 100	MOD / Modulation	INTENSITY	SPEED										
S.C.F	MOD / Modulation	SPEED	WIDTH	CHO/CH/FL	INTEN.								
U-VIBE	MOD / Modulation	SPEED	VOLUME	INTEN.	CH/VIB								
TREMOLO	MOD / Modulation	RATE	DEPTH										
ROTARY	MOD / Modulation	BALANCE	SPEED										
HARMONIST	MOD / Modulation	KEY	MINOR/MAJOR	HARMO	BLEND								
SCH-1	MOD / Modulation	RATE	DEPTH	TONE									
PAN	MOD / Modulation	RATE	DEPTH	WAVEFORM	MIX								
PL	PL / Patch Level	MIN	MAX										

Accessories

- Quick Start Guide
- USB Cable
- MIDI Conversion cable
- Power adapter
- NUX Sticker
- NBT-1 Bluetooth audio & MIDI adapter
- Gig bag

*Specifications and features are subject to change without notice.