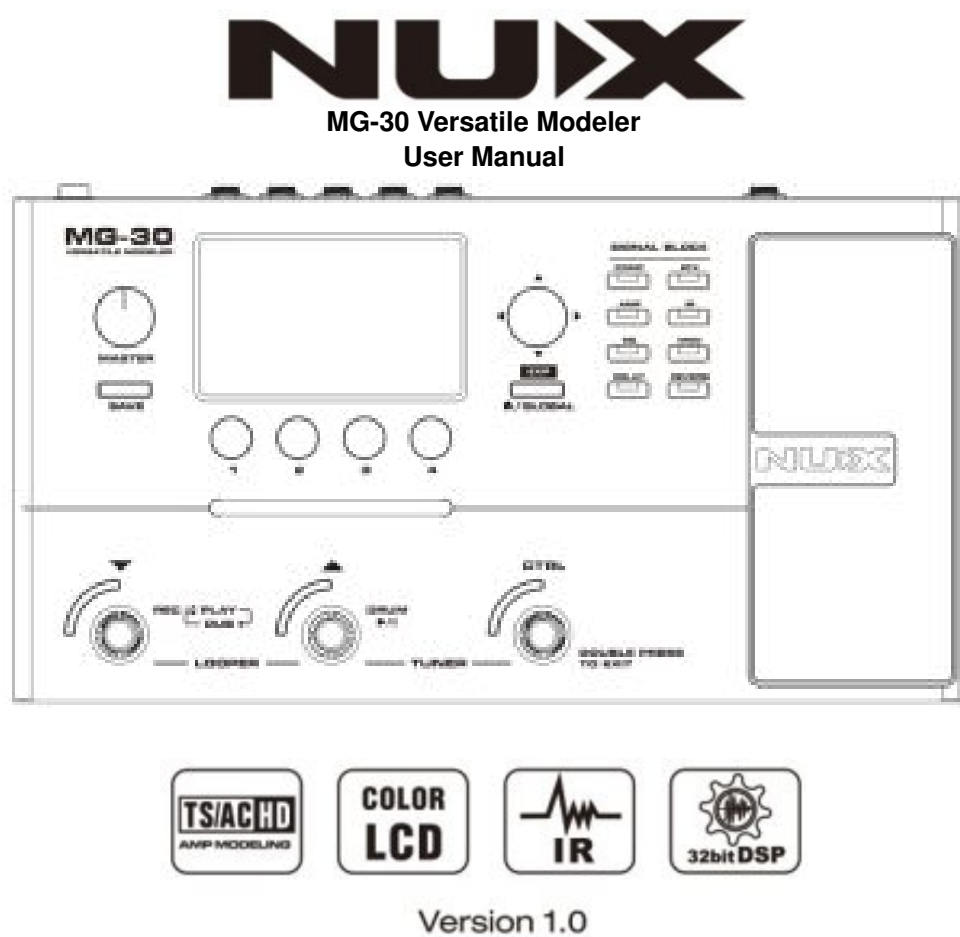




NUX MG-30 Versatile Modeler User Manual

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Accuracy

Whilst every effort has been made to ensure Me accuracy and content of the RCS manual. Chad) TeChnOIogy CO. makeS no representative or warranty regarding the contents-

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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 requirements. The device can be used in portable exposure conditions 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. Follow all instructions and heed all warnings 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 that 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 hazards. 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

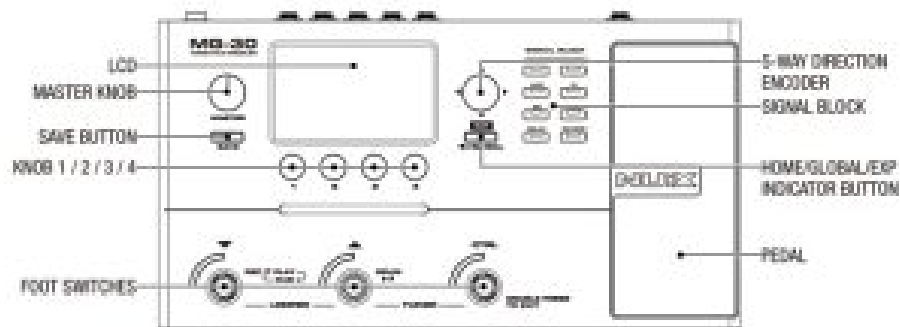
NUX MG-30 is a versatile modeler. MG-30 equips 2 powerful DSPs for high-definition White-Box Amp Modeling algorithm (TSAC-HD) and Core-Image post-effects. Since we announced the best budget compact modeler MG-300, people were blown away by the sound and playability. Were proud to say MG-30 can offer you a 2K definition better than MG-300's Full-HD experience. The aluminum alloy enclosure gives you strong protection in all kinds of rigorous environments. Send/Return and external EXP jacks offer multi applications the guitarists need. Moveable signal blocks, optional parallel post-effect routing, and 1024 samples IR resolution make MG-30 be the versatile modeler as a game-changer in the industry.

Features

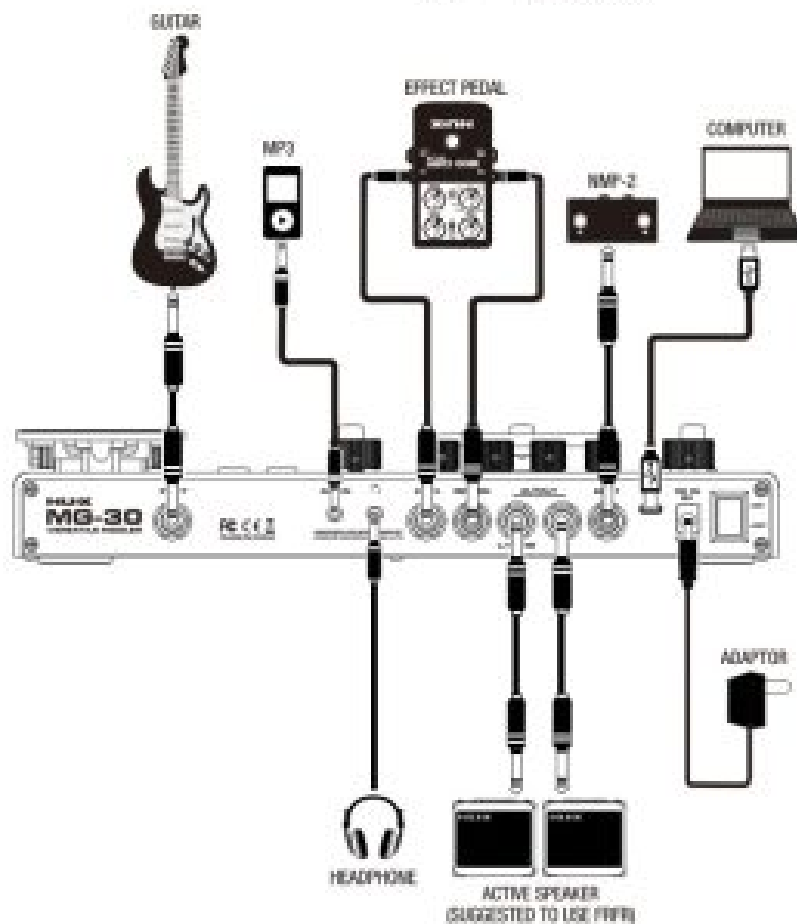
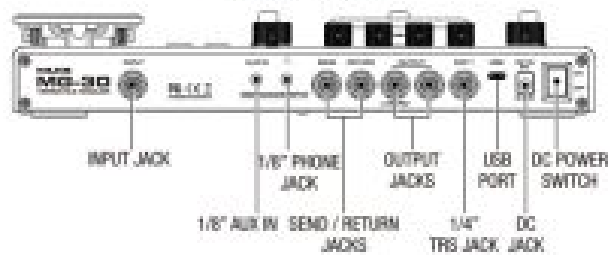
- 4" 800*480 color LCD with intuitive UI.
- WAH, CMP, GATE, EFX, AMP, IR, EC), S/R, MOD, DLY, RVB 111 independent moveable signal blocks with optional parallel post-of routing.
- White-box Amp Modeling & Pre-efx algorithm offers realistic playability and analog-chaos response.
- 1024 samples IR resolution and 3rd party IR loader slot w/ each user
- Electric guitar amp models, bass amp models, and acoustic simulation IRs with related acoustic amp models.
- Input trim with 3 band EQ under Global setting.
- 5 output modes with global 3 band EQ for quick tone tweaking.
- Parameter Follow function can track your effect tweaking habits.
- USB recording interface, firmware update, QuickTime edit software.

Control Panel

Front Panel



Rear Panel



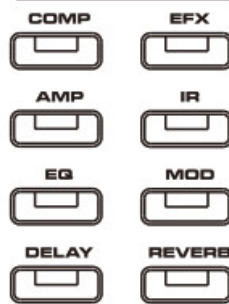
MASTER KNOB



Controls the overall master volume of MG-30.

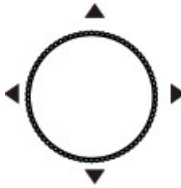
SIGNAL BLOCK

SIGNAL BLOCK

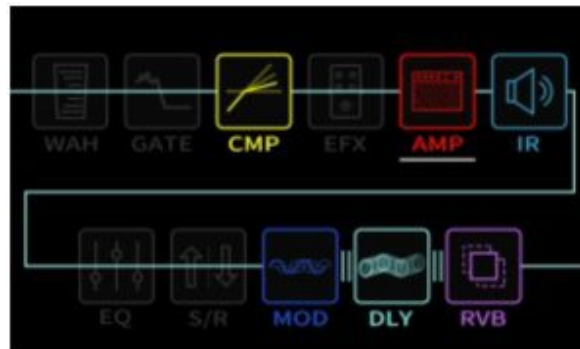


Under the current patch. Press once to engage/disengage the related signal block. Hold to enter to related signal block editing. Hold 2 signal blocks can exchange the block position. Signal blocks are also the Indicators to show the current status. (Engaged / Disengaged)

5-WAY DIRECTION ENCODER



During the current patch location display. Press once to enter edit mode. then you can go left/right to choose a related signal block to tweak parameters. Rotate the encoder can switch to different models. During the current patch location display. Hold up. you can adjust the current patch level.



In patch edit mode, hold you can go to signal block position adjustment. If your current block is MOD / DIY / RVB, press 10408 3 or KNOB 4 can set the post-effects as parallel routing.

In patch edit mode, told 'DOWN'. you can also go to on-board EXP / external EXP / CTRL assignment settings.



During anent patch location display. Hold down, you can adjust UP / EXP 1 / CTRL assignment settings. (MG-30 will detect edema! EXP 1 Jack Mile you connect with NUX NMP-2 or expression pedal.)

HOME/GLOBAL/EXP INDICATOR BUTTON



During the current patch display, hold the global button to enter GLOBAL SETTING. then use a 5-way direction encoder to adjust all the setups. Press once to go one layer back.

The DCP indicator can show the onboard EXP is engaged for secondary function or not.



SAVE BUTTON



Either in GLOBAL SETTING or Patch Edit, press the SAVE button to store. Press NOME/GLOBAL button to go back



KNOB1/2/3/4



While you enter edit mode (press Sway encoder), you can tweak the Mob to adjust the related parameters. You can even press the knob to go to a different page.



Hidden Functions it PRESET mode by pressing KNOB 1/ 2/ 3: Press 101081: You can adjust content patch LEVEL by rotating KNOB 1. (Press KNOB 4 to recall default parameter.)



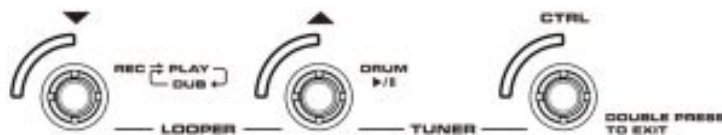
Press KNOB 2: You can see anent patch's BPWINE setting. In the meantime, you can tap 1010B 2 as Tap Tempo to adjust the 6 BPM value.



Press KNOB 3: You can see the current CPU status.



FOOTSWITCHES



DOWN FOOT SWITCH: During patch display, press once can go patch down.

UP FOOT SWITCH: During patch display, press once can go patch up.

CTRL FOOT SWITCH: You can assign GIRL toot switch as TAP / CMP / NG / EFX / EO / SR MOD / DLY / RVB. (Enter to 13(2/E(P1/CTRL assignment settings.) TAP means globally tap tempo. For other signal blocks. rt means you can 0119119e/disengage by cut footswitch.

Press the UP & DOWN footswitch, then you can enter DRUM & LOOPER. In the meantime, the DOWN footswitch controls Phrase lower. UP footswitch controls drum.



Knob 1: controls LOOP VOL.
Knob 2: controls DRUM VOL.
Knob 3: controls TEMPO.
Knob 4: controls STYLE.

LOOP FOOTSWITCH

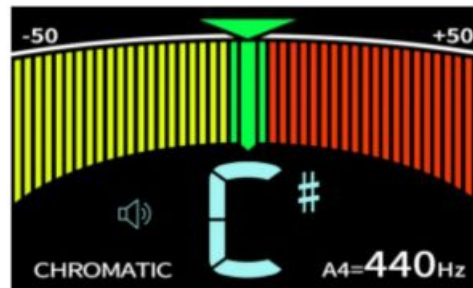


RHYTHM FOOTSWITCH



Double press CTRL to exit DRUM & LOOPER.

Press UP & CTRL footswitch, then you can enter to TUNER.



Rotate knob 1 to switch CHROMATIC or COMPANY. G. press knob 1 to switch Mute or Listening.

Note: COWEN. G is a guitar compensation tuning algorithm.

Double press CTRL footswitches to exit TUNER.

DC POWER SWITCH



Turn-ON / OFF MG-30 through the switch.

DC JACK



Caned the original adaptor to the jack.

USB

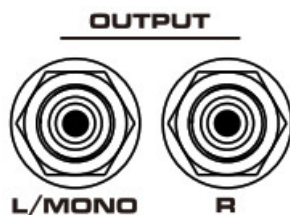
USB



USB PORT: Connect the USB cable to the computer for firmware update. USB recording or QuickTime edit software editing.

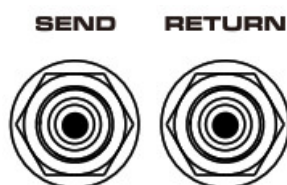
Note Connect the USB cable to the computer and hold the UP & DOWN footswitch to turn on MG-30. then you can enter to DFU(Device Firmware Update) mode to do a firmware update. For more details, please visit the product page to check the firmware update Instruction and download the newest firmware & QuickTime edit software.

OUTPUT JACKS



Lout is for mono. Rout is for the right side while stereo application.

SEND / RETURN JACKS



You can connect with other effect pedals through SEND / RETURN. You can check SIR current block position on the display.

1/8" PHONE JACK



Connect your headphone to the Mr phone lack. The phone out is related to OUTPUT.

1/8" AUX IN

AUX IN



Connect your MP3 player to the 118* AUX IN jack for playback.

INPUT JACK

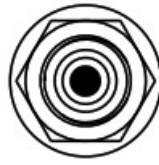
INPUT



Connect your guitar to the INPUT jack.

EXP1

EXP 1



1 /4" TRS jack, connect an external expression pedal here. or the additional NMP-2.

Global Setting

Here we will explain more details about GLOBAL SETTING. actually, it's very intuitive. you can follow the UI to operate easily.

Hold HOME/GLOBAL button to enter to GLOBAL SETTING.



PRE EQ

You can adjust the input trim and 3 bands EQ to fix the guitar mod as you prefer.



OUTPUT MODE

You can choose the suitable output mode with a related connection. While you choose COMBO FRONT / STACK FRONT, MG-30 will bypass IR(Cab) block. In output mode, MG-30 offers 3 bands of EQ to let you tweak the global sound to be suitable for the current environment.



EXP SETUP

Firstly you can adjust FYP to be independent with a patch or related to the patch. It means if you choose DIP Ind., you can keep LW engaged even move to the next patch.



Just in case if you need to do EXP CALIBRATION, press CTRL.



USB ROUTING

Besides USB ROUTING in GLOBAL SETTING, you can adjust USB routing in QuickTime edit software.



DISPLAY

Adjust the display brightness.



PARA. FOLLOW

If you engage PARA. FOLLOW, while you leave the current efx model, MG-30 will remember the parameters while you choose the model again. If you turn off PARA. FOLLOW, while you choose the efx model, it will use default parameters.



FACTORY DEFAULT

You can recall the factory preset.



GAME

During rehearsal, guitarists always feel bored. No worry, MG-30 has a SNAKE GAME for you!



INFO

You can check the firmware version and CPU utility.



Specifications

- Input Impedance INPUT: 1M ohm RETURN: 220k ohm
- Output Impedance OUTPUT: 1k ohm SEND: 1k ohm
- ND Converter: 32bit
- Sampling Frequency: 48kHz
- Frequency Response Range: 20Hz — 20kHz
- Dynamic Range: 110dB
- Current Draw: <400mA
- Power: 9V DC negative center
- Dimensions: 313mm(L) x 166mm(W) x 54mm (H)
- Weight: 1.5kg

*Specifications and features are subject to change without notice.

What's in the box: MG-30 x 1, Power Adapter x 1, Patch Cable x 1, NMP-2 dual footswitch, USB Cable x 1 (The TRS patch cable is for NMP-2 to EXP1 connection.)

CE mark for European Harmonized Standards

CE Mark which is attached to our company's products of Battery means the product is in full conformity with the harmonized standard(s) EN 61000-6-3:2007+A1:2011 & EN 61000-6-1:2007 Under the Council Directive 2004/108/EC on Electromagnetic Compatibility.



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Documents / Resources

	<p>NUX NUX MG-30 Versatile Modeler [pdf] User Manual NUX, MG-30, Versatile, Modeler</p>
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