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> [NUX MG-101 Multi Effects Pedal User Manual](#)

## NUX MG-101

# NUX MG-101 Multi Effects Pedal User Manual

Model: MG-101

## INTRODUCTION

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Thank you for choosing the NUX MG-101 Multi Effects Pedal. This versatile unit is designed to provide guitarists with a wide array of authentic tones and effects, suitable for practice, recording, and live streaming. With its advanced TS/AC-HD modeling technology, comprehensive effects library, and intuitive interface, the MG-101 offers a powerful and portable solution for your musical needs. This manual will guide you through the setup, operation, and maintenance of your new device.

## KEY FEATURES

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- **25 Iconic Amp Models:** Experience a wide range of classic and modern amplifier tones.
- **46 Essential Effects:** Explore a comprehensive library of modulation, delay, reverb, and other effects.
- **TS/AC-HD Modeling:** Advanced modeling technology for authentic and dynamic tone reproduction.
- **512 Samples IR Resolution:** High-quality Impulse Response (IR) loading for realistic cabinet simulations.
- **12 User IR Slots:** Customize your sound with your own impulse responses.
- **Easy I/O:** Includes ¼" TRS output, ¼" TS input, USB-C port for connectivity.
- **Live Streaming Ready:** ⅛" TRRS headphone out for direct live stream routing.
- **Portable Design:** Light and portable, with slots for 6 AA batteries for on-the-go use.
- **Phrase Looper:** Built-in looper function for practice and performance.
- **Drum Machine:** Integrated drum machine with auto tempo detection for rhythmic accompaniment.

## SETUP

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### Unpacking and Initial Inspection

Carefully remove the NUX MG-101 from its packaging. Inspect the unit for any signs of damage. Ensure all components are present.

### Powering the Device

The MG-101 can be powered by either a 9V DC power adapter (not included) or 6 AA batteries. For optimal

performance and stability, especially during extended use or when connecting to a computer, a dedicated 9V DC power adapter is recommended.

- **DC Power:** Connect a 9V DC power adapter (center negative) to the DC 9V input jack on the rear panel.
- **Battery Power:** Open the battery compartment on the underside of the unit and insert 6 AA batteries, observing correct polarity.

## Connecting Your Gear



Image: Rear view of the NUX MG-101, highlighting the various input and output ports for connecting instruments, amplifiers, headphones, and power.



Image: A connection diagram illustrating how to connect the MG-101 to headphones, a smartphone using an OTG adapter, and a computer via USB for various applications.

- **Guitar Input:** Connect your guitar to the 1/4" TS input jack.
- **Output to Amplifier/Mixer:** Connect the 1/4" TRS output jack to your amplifier, audio interface, or mixer.
- **Auxiliary Input:** Use the 1/8" aux in jack to connect external audio sources like an MP3 player or smartphone for jamming along.
- **Headphone Output:** For silent practice or live streaming, connect your headphones (TRRS supported for live streaming) to the 1/8" phones jack.

- **USB-C Connection:** Connect the USB-C port to your computer for firmware updates, patch management, and direct recording.

## OPERATING THE MG-101

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### Overview of Controls



Image: A clear top-down view of the NUX MG-101, illustrating the layout of its display screen, rotary knobs, control buttons, and footswitches.



Image: An angled perspective of the MG-101, providing a better look at the integrated expression pedal and the central control interface with its display and buttons.

The MG-101 features an intuitive layout with a clear display, rotary knobs, and footswitches for easy navigation and control.

- **Display Screen:** Shows current patch, effect chain, and parameter values.
- **SELECT Knob:** Used to navigate through patches and menus.
- **Knobs 1, 2, 3:** Control parameters displayed on the screen, context-sensitive.
- **Footswitches (LOOP, TUNER, DRUM/▶):** Engage looper, tuner, or drum machine functions.
- **EDIT/EXIT/SAVE Button:** Enters/exits edit mode, saves changes.
- **GLOBAL Button:** Accesses global settings.
- **MODE Button:** Switches between different operational modes.
- **JAM/TAP/EXP Buttons:** Multi-function buttons for jam track, tap tempo, and expression pedal settings.
- **Expression Pedal:** Controls volume, wah, or other assignable parameters. Press down firmly on the toe end to engage the wah/volume switch.

### Navigating Patches and Effects

The MG-101 comes with pre-loaded patches. Use the SELECT knob to scroll through them. To edit a patch, press the EDIT/EXIT/SAVE button. The display will show the effect chain. Use the SELECT knob and Knobs 1-3 to adjust parameters for each effect block.



Image: A close-up view of the MG-101's display, illustrating the visual representation of an effect chain and active parameters.



Image: A hand adjusting one of the rotary knobs on the MG-101, with the display simultaneously updating to reflect the parameter changes in real-time.

## Amp Models and Effects

The MG-101 features a wide selection of amp models and effects. These are categorized for easy access and customization.



Image: A visual representation of the diverse range of 25 classic and modern amplifier models available within the NUX MG-101.



Image: A comprehensive grid showcasing the 46 essential effects, including modulation, delay, and reverb, that can be utilized and customized on the MG-101.

## Using the Looper and Drum Machine

Press the LOOP footswitch to activate the looper. Record, overdub, and play back phrases. Press the DRUM/► footswitch to engage the drum machine. Use the controls to select drum patterns and adjust tempo. The drum

machine features auto tempo detection.

## Live Streaming and Recording

The MG-101 is designed for easy integration into your live streaming or recording setup.



Image: The NUX MG-101 connected to a smartphone via an adapter, demonstrating its capability for direct live streaming of guitar audio.



Image: The MG-101 connected to a laptop, illustrating its use with software for patch editing, firmware updates, and direct audio recording.

- **Live Streaming:** Connect your TRRS headphones to the 1/8" phones jack. The MG-101 will route your processed guitar signal directly to your mobile device for live streaming applications.
- **Recording:** Connect the USB-C port to your computer. The MG-101 acts as an audio interface, allowing you to record your guitar directly into your Digital Audio Workstation (DAW).

## MAINTENANCE

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### Cleaning

To clean the unit, use a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents. Avoid spraying liquid directly onto the unit.

### Storage

When not in use for extended periods, store the MG-101 in a cool, dry place away from direct sunlight and extreme temperatures. If using batteries, remove them to prevent leakage and damage to the unit.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with your NUX MG-101.

- **No Power:**

- Ensure the 9V DC power adapter is correctly connected and functioning, or that fresh AA batteries are properly inserted.
- If using a power adapter, ensure it is a center-negative type.

- **No Sound Output:**

- Check all cable connections (guitar input, output to amp/mixer, headphones).
- Verify that the volume levels on the MG-101 and your amplifier/headphones are not set to zero.
- Ensure the correct patch is selected and not muted.

- **USB Connection Issues (Not Recognized by Computer):**

- Ensure the USB-C cable is securely connected to both the MG-101 and your computer.
- Try a different USB port on your computer.
- Restart your computer and the MG-101.
- Check the NUX website for the latest USB drivers or firmware updates for the MG-101.

- **Expression Pedal Not Engaging Wah/Volume Switch:**

- The expression pedal requires a firm press on the toe end to engage the internal switch. Ensure you are pressing down sufficiently.
- Check if the expression pedal function is correctly assigned and enabled in the patch settings.

- **Excessive High Gain Feedback:**

- Adjust the gain levels of the amplifier model and any distortion/overdrive effects in your patch.
- Consider adding a noise gate effect to your signal chain and adjust its threshold.
- Ensure proper grounding of your guitar and amplifier.

- **No Dedicated Power Switch:**

- The MG-101 does not feature a dedicated power switch. To turn off the unit, disconnect the DC power adapter or remove the batteries. It is recommended to unplug the unit after each use to conserve power and prevent potential issues.

## SPECIFICATIONS

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| Feature                        | Specification              |
|--------------------------------|----------------------------|
| Model Name                     | MG-101                     |
| Item Weight                    | 1200 Grams (2.65 pounds)   |
| Product Dimensions (L x W x H) | 7.87 x 2.64 x 14.06 inches |
| Body Material                  | Plastic                    |
| Material Type                  | Metal, Plastic             |

|                    |              |
|--------------------|--------------|
| Connector Type     | USB Type C   |
| Hardware Interface | USB Type C   |
| Signal Format      | Analog       |
| Voltage            | 9 Volts      |
| Color              | Black        |
| UPC                | 885947105830 |
| Country of Origin  | China        |

## WARRANTY AND SUPPORT

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NUX products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your product or visit the official NUX website. For technical support, firmware updates, or additional resources, please visit the NUX support page or contact their customer service directly.

No official seller videos were found in the provided product information.