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www.nuxaudio.com

Made in China

NUX

MIGHTY 40 MKII

GUITAR AMPLIFIER

New Generation Amp

MIGHTY MKII

TS/AC 2K

WHITE-BOX AMP
MODELING ALGORITHM

使用说明书

Owner's manual

40 WATTS
7 PRESETS
8 EFFECT BLOCKS
DRUM MACHINE

WARNING

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION

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.

Introduction

Thank you for choosing the NUX MIGHTY 40 MKII, an unparalleled leap in guitar amplification technology. With its cutting-edge TS/AC-2K amp modeling algorithm, this amplifier offers an expansive range of tones, from crystal-clear cleans to aggressive overdrives, complemented by a rich selection of routable effects and modulations. Its versatile wattage settings (0.5W, 5W, 40W) adapt to any playing environment, from bedroom practice to live performance. The introduction of the NUX Custom Tuned 10-inch speaker in an open-back setup ensures your sound is always full-bodied and expressive. The MIGHTY 40 MKII also includes Pro Scenes for instant access to your pre-saved sounds.

Important Features	
Diverse Amp Sounds	Enjoy a wide range of 28 amp tones with our advanced amp modeling equipped with the TS/AC-2K amp modeling algorithm.
Fully Routable Effects Path	Mix and match effects in any order you like.
More Effects	Choose from 43 available effects, including drives, modulations, and delays.
Presets	7 presets are provided along with the ability to store and share presets with other MIGHTY 40 MKII users.
Flexible Power Selection	Pick your power level (0.5W, 5W, 40W) to match any playing situation.
Pro Scenes	Quick access and recall to your settings with Pro Scenes.
Enhanced Speaker	Hear every detail through the custom-designed 10-inch speaker.
Bluetooth Connectivity	Includes the NUX NBT-1 Bluetooth Module for audio and MIDI streaming.
Channel Selector Footswitch Input	Enables quick channel changes with a footswitch, offering seamless live performance transitions. Ideal for dynamic sound adjustments.

NBT-1
BLUETOOTH MODULE
(Included)



Download
Mighty Amp™

Download on the App Store

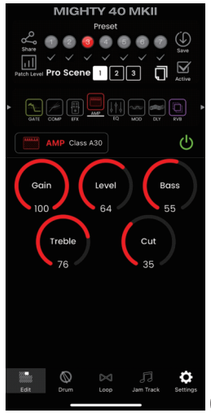
GET IT ON Google Play

You can customize the 7 presets using the Mighty Amp™ mobile app or the Mighty Editor™ software on your PC or MAC. Additionally, you have the flexibility to change the order of the effect blocks along the signal path. With its intuitive interface, you can easily explore the vast possibilities, experience versatility and power firsthand!

Mighty Editor™



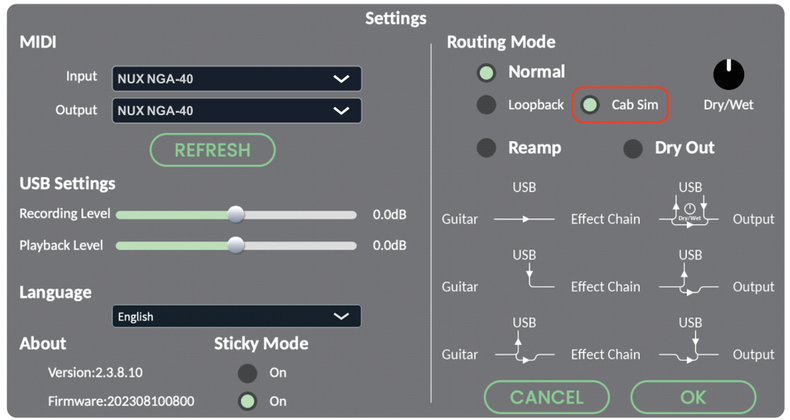
Mighty Amp™



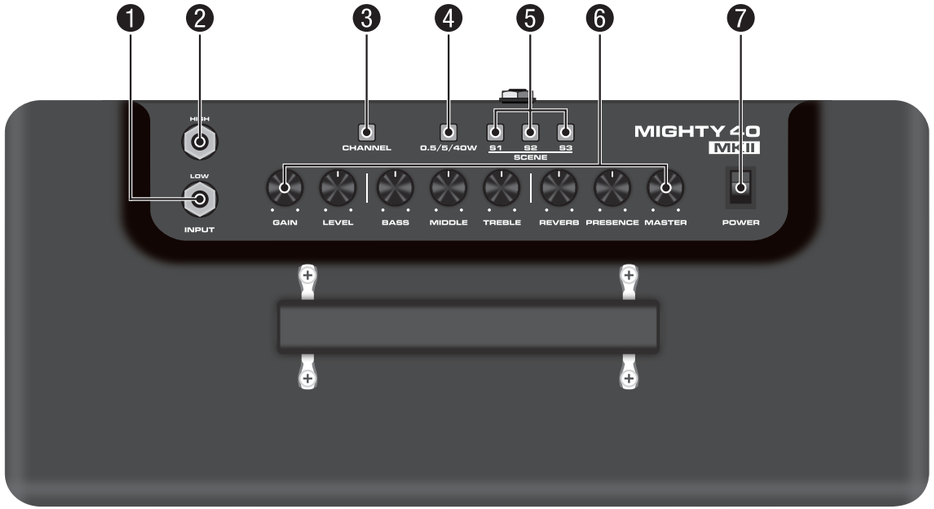
The Mighty Amp™ App and Mighty Editor™ software allow you to adjust all signal blocks and parameters. The MIGHTY 40 MKII includes GATE, COMP, EFX, AMP, EQ, MOD, DLY, and RVB signal blocks, all of which can be freely reordered to tailor your sound.

Additionally, the MIGHTY 40 MKII features USB-B audio streaming, enabling it to function as a USB recording interface without the need for complex DAW setups. It supports various routing options, including Normal, Dry Out, Re-amp, and Loopback, which can be adjusted via the Mighty Amp™ App or Mighty Editor™ software. This versatility allows for easy jamming and live streaming with the Loopback feature.

NOTE: The MIGHTY 40 MKII does not include an IR block. However, for recording purposes, simply engage the "Cab Sim" feature to achieve a cabinet-simulated guitar recording.



• Control Panel



❶ LOW Input Jack



Tailored for guitars with high output, such as active pickups or guitars with humbuckers, this input reduces signal strength to prevent clipping and maintain a cleaner sound.

❷ HIGH Input Jack



Designed for lower output instruments, this input maximizes the clarity and fullness of your guitar's sound, perfect for clean tones or natural amp distortion. Ideal for single-coil pickups.

❸ CHANNEL Selector



With the amp on, press the **CHANNEL** switch indicator to change from presets 1~7.

❹ Wattage Selector



Switch easily between 0.5W, 5W, and 40W to match your playing environment. Use 0.5W for low-volume practice, 5W for rehearsals, and 40W for performances, ensuring optimal volume and tone quality.

❺ SCENE Selectors

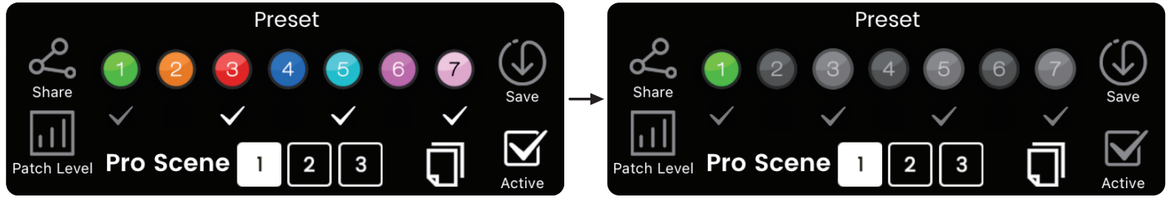


Choose from preset scenes for quick tone changes, catering to different musical styles.

Each position combines specific amp settings and effects for easy sound customization, perfect for seamless tone shifts during practice or live play.

Mighty Amp™ App example

To set specific presets (1, 3, 5, 7) for quick access, select them and click the Active ☑ icon. Once done, pressing the PRESET switch will cycle through these chosen presets, streamlining your sound selection process.



Choose preset 1, 3, 5, 7 and press Active icon (☑ Active)

Mighty Editor™ example

When you click ☑ icon, the 7 presets will be colored.

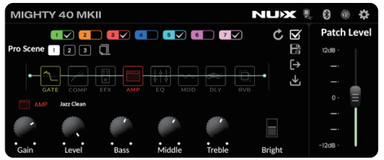


Select the presets you wish to use (e.g., 1, 3, 5, & 7) and confirm your choice by pressing the ☑ icon. The Mighty Editor™ will display the active preset, and the interface will indicate your selections with the ☑ icon, making it clear which presets are activated for quick access.

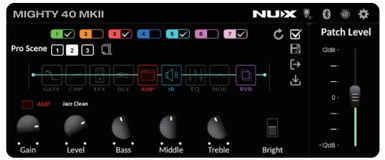


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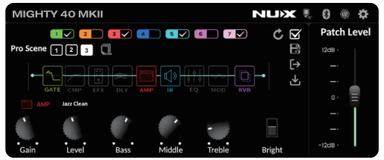
The SCENE switch, indicated on the device, allows you to select different SCENEs within a preset. This feature is particularly versatile as it enables you to store and switch between various parameter settings and model configurations within each SCENE of a preset, offering enhanced customization for your sound.



Pro Scene 1

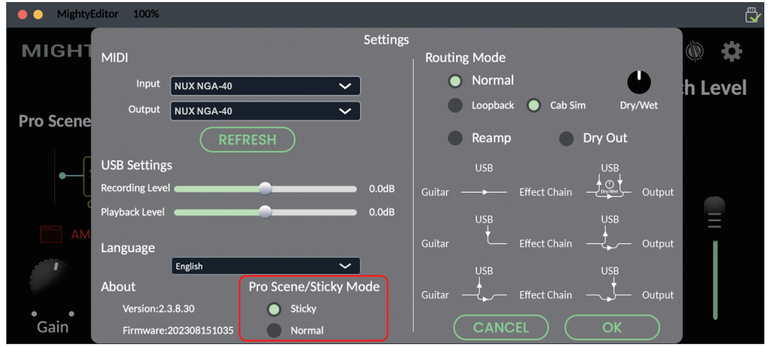


Pro Scene 2



Pro Scene 3

You can activate "Sticky Mode" to ensure the amplifier remembers your last selected scene within a preset. This means when you return to that preset, it automatically recalls your previously "sticky" scene, enhancing your ease of use and efficiency during performance or practice.



❻Control Knobs



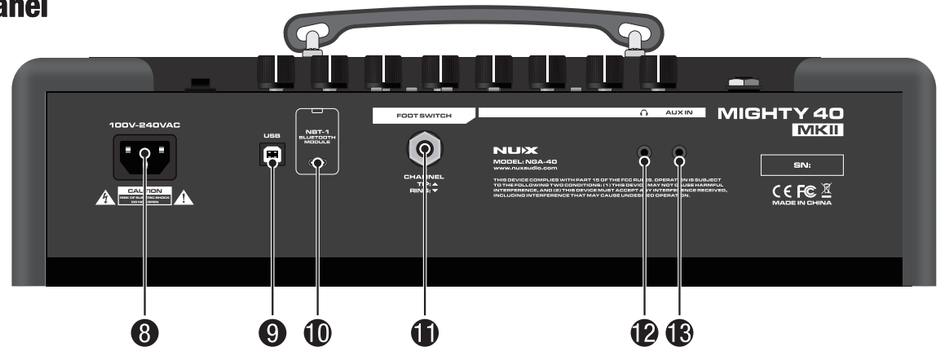
Fine-tune your sound with Gain, Master, EQ (Bass/Middle/Treble), Reverb, and Presence.

❼POWER Switch



Toggle the POWER switch to boot-up the amplifier. While the amp is on, the CHANNEL indicator will turn on.

• Back Panel



❽ AC POWER jack



Connect the included AC power cord to the AC power jack. It's universal power.

❾ USB-B Port



Enables direct recording, MIDI communication, and audio streaming. Connect to your computer for easy digital recording, use MIDI with the tone editor software, or stream audio for playback.

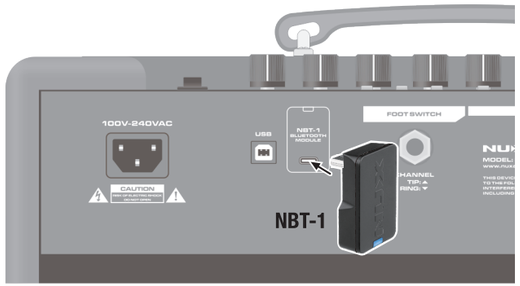
RECORDING

For WIN OS, please go to product page to download ASIO driver for recording. For MAC OS, there is no need for the driver as the device supports CORE AUDIO.

❿ NBT-1 BLUETOOTH MODULE port



Please connect the NBT-1 module to this USB-C port.



NOTE: Before connecting the NBT-1 to the MIGHTY 40 MKII, please make sure the MASTER knob is set to its minimum value to avoid a "POP" noise. When connecting a Bluetooth enabled mobile device to the MIGHTY 40 MKII's Bluetooth audio, you will hear a connection sound.

CONNECT BLUETOOTH AUDIO

To play audio through the MIGHTY 40 MKII via Bluetooth, first go to "Settings" on your mobile phone, select "Bluetooth", and connect to "NUX NGA-40". Upon successful connection to the MIGHTY 40 MKII's Bluetooth audio, you'll hear a connection sound.



NOTE: Bluetooth audio and Bluetooth MIDI are independent, so you have to connect them separately. Both connections must be made in order to use the MIGHTY 40 MKII's full functionality with the Mighty Amp App.

⓫ FOOTSWITCH Input



Enables quick channel switching with a compatible footswitch, offering easy access to different tones during live play for dynamic performance control.

⓬ PHONES Out Jack



Connect with headphones for silent practicing.

NOTE: when the headphones are connected, the MIGHTY 40 MKII speaker is muted.

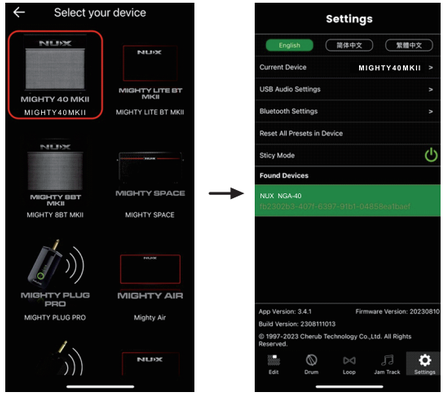
⓭ AUX IN Jack



Allows you to connect external audio devices for playback through the amplifier, making it easy to play along with your favorite tracks or backing tracks during practice sessions.

Connect the Mighty Amp™ App to the Amp

Open the Mighty Amp™ App on your mobile phone and navigate to "Settings" to select "Current Amp," choosing "MIGHTY 40 MKII." Then, tap "Click to Scan Devices" for the app to search and find "NUX NGA-40." Select "NUX NGA-40" for the app to establish a connection with the device, making it ready for use.



NOTE: The App uses Bluetooth MIDI to communicate with the device.

NOTE: For Android OS, you may need to turn on GPS permission.

Privacy Note

We do not use your GPS to track you.

However, for Bluetooth scanning, Android requires apps to request LOCATION permission. This is because the presence of nearby BTLE devices could potentially be used to infer your device's location.

https://developer.android.com/reference/android/media/midi/package-summary#btle_location_permissions

Mobile App and Edit Software

For the Mobile App & Edit Software, please download the Mighty Editor™ directly from the product page. Ensure that your device's firmware version is compatible with both the editor and app versions to guarantee smooth operation and access to all features.

Features

- 40 watts Modeling Amplifier.
- Adjustable wattage – 0.5w / 5w / 40w.
- TS/AC-2K (White-Box) Amp Modeling algorithm offers realistic playability & feedback.
- Pedal-friendly amp that works well with your favorite external pedals.
- 7 presets with ACTIVE and Pro SCENE functions. (PRESET switch toggles ACTIVE ones sequentially. Pro Scenes can store different parameters, even different models of effects and amps.)
- GATE, COMP, EFX, AMP, EQ, MOD, DLY, RVB effect blocks with free, fully routable order.
- White-box algorithm EFX offers analog response and natural chaos.
- Patch Level function for each preset.
- 30s phrase loop with auto tempo detection drum machine.
- Intuitive Mighty Amp™ App & Mighty Editor™ edit software.
- Included NUX NBT-1 Bluetooth Module for Audio Stream and wireless MIDI.
- USB-B: Mighty Editor™ edit software communication, USB audio stream, and Firmware update.

Specifications

- Nominal Input Level
  HIGH: -10dBu@1MΩ
  LOW: 0dBu
- Nominal Aux In Level: -10dBu@10kΩ
- Headphone Output: 90mW + 90mW (To 33 ohms load)
- Rated Power Output: 40W
- Sampling Rate: 48kHz / 32-bit
- System Latency: 1.42ms
- Speaker: 10”, 4Ω
- Dimensions: 450(L) × 236(W) × 436(H) mm
- Weight: 9.5kg

Accessories

- Power Cable
- NBT-1 Bluetooth Audio & MIDI Adaptor
- Owner’s manual
- NUX sticker

* Specification may change without notice.