MG-50li WH

MODELER & PROFILER WITH LITHIUM BATTERY (WHITE VERSION)

The **MG-50Li** is the 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. Players everywhere can enjoy using the MG-50Li thanks to its streamlined design, **free-flowing interface**, and **high-quality tone**s.

Featuring an aluminum alloy enclosure and pedal, **6 footswitches**, and a **high-definition LCD**, the MG-50Li offers a timeless, **player-friendly design** suitable for any performance setting. It's remarkably simple for players to adjust the effects chain to craft any sound they want.

MG-50li WH

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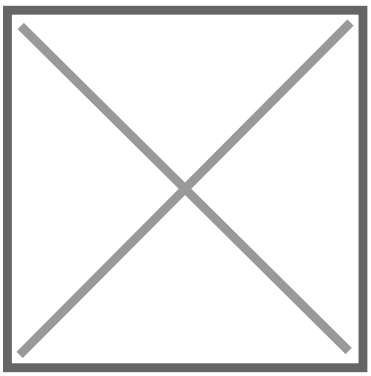
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HIGHLIGHTS



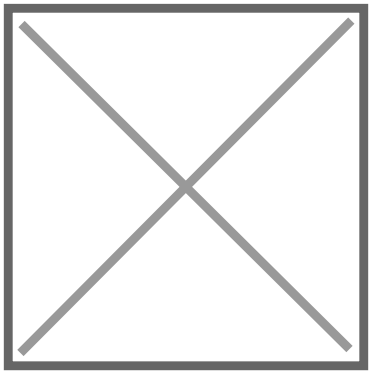
AUTHENTIC AMPS WITH TUBE-LIKE RESPONSE

The MG-50Li features our iconic TS/AC-4K Amp Modeling (White-box Physical Modeling algorithm), which is twice as complex as that found in previous versions. This led us to design a new hardware platform with three DSPs: one dedicated to handling all effects, another to running the amp modeling algorithm, and the third to supporting the split amp simulation functionality.

Now we've even split Amp Modeling into separate preamp and power amp simulations. This means you can select different power tube models to craft unique, creative sounds.

DEEPLMAGE AMPS

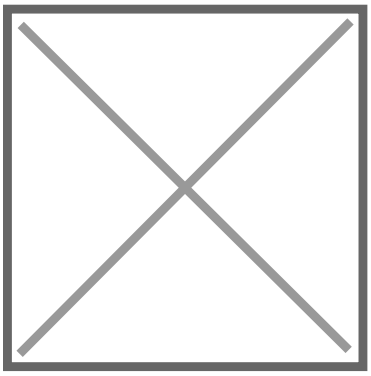
NUX further expands tonal possibilities with our proprietary black-box technology: DeepImage! It delivers excellent, ultra-realistic amp tones by consolidating multi-layered simulations into a single cohesive sound. With DeepImage, guitarists can load their dream amps into the MG-50Li and enjoy playing anywhere.



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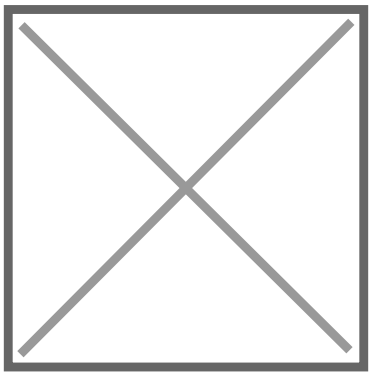
CAPTURE WHATEVER YOU WANT: AMPS, PREAMPS, FX

With the NUX IMAGE app and DeepImage technology, you can capture your favorite amps, preamps, OD and DIST pedals, then store their profiles directly on the MG-50Li—letting you bring all your go-to amps with you anywhere effortlessly. You can also craft incredible tones via the NUX IMAGE app by combining these captures with different EQ models and power amp tube models.

And there's more: ywith NUX IMAGE app you can load a NAM (Neural Amp Modeler) on your MG-50Li!

L/R CYBER IR

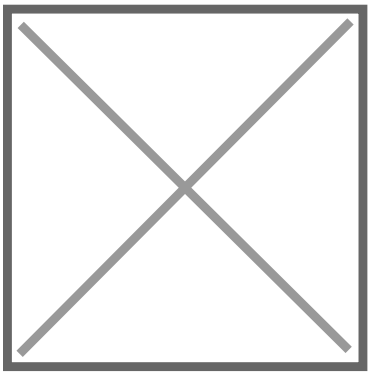
The MG-50Li features Cyber IR™ Technology — a true impulse response reproduction with an advanced algorithm that supports Microphone, Position, and Distance adjustments, providing stereo IR capabilities with ultra-low latency.



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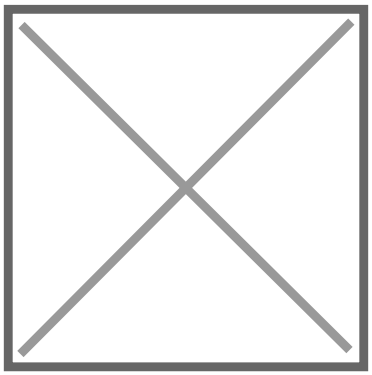


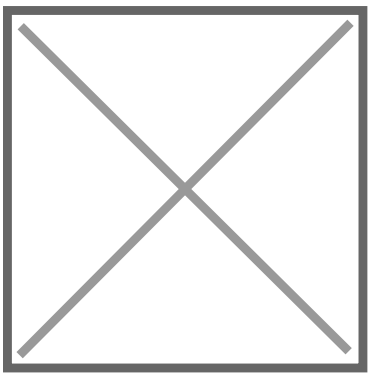
PARALLEL/SERIAL EFFECT CHAIN WITH 14 EFFECT BLOCKS

Packing up to 14 simultaneous effect blocks and ultra-flexible dual-chain routing, the MG-50Li unlocks endless tonal possibilities. Musicians can customize the effects chain freely to dial in their dream tones.

SUPER HIGH QUALITY SOUND

With 3 powerful NXP® RT processors and premium 32-bit AD/DA converters, the MG-50Li delivers super high quality sound with ultra-low system latency, ensuring a tight and fast response.





BUILT TO BE ON STAGE

The MG-50Li features pro-grade I/Os tailored for live use: two effect loops for your favorite pedals, stereo XLR outputs for direct mixer linking, and MIDI in/out for seamless connection to your MIDI control gear.

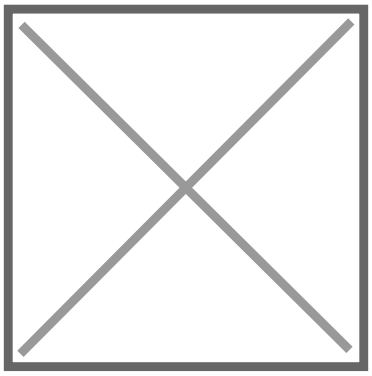
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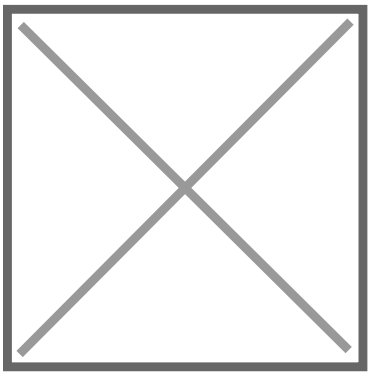
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5 HOURS OF BATTERY LIFE

Designed for freedom, the MG-50Li includes a built-in battery that lets you play anywhere, anytime—no power supply needed. It couldn't be simpler: just plug in and play!



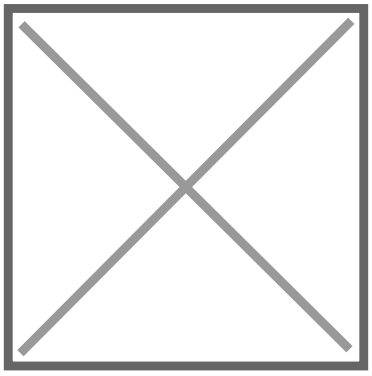


USB AUDIO INTERFACE

As laptops continue to include fewer USB ports, users often rely on USB hubs or adapters, which can disrupt the plug-and-play experience and potentially cause conflicts. The MG-50Li also serves as a USB audio interface, minimizing setup time and freeing up space, allowing you to focus more on playing and creativity.

NUX AUDIO APP CONTROL (MOBILE, WIN/MAC)

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.



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PRODUCT DETAILS

KEY 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 48 kHz 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
- Battery lifetime: 5 hours
- Padded carry-bag included

SPECIFICATIONS

Sampling Rate	48 kHz / 32 bit
System Latency	< 3 ms
Presets	96 Factory presets, 201 User presets
EFX Blocks	14 (NG, CMP, EFX, AMP, EQ, S/R, IR, DLY, RVB, WAH, MOD, PL)

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Effect Chain	Serial, Parallel, Split
Impulse Responses	42 Factory Cyber IRs (L/R), 60 User IRs(L/R)
Amps	28 White-box Modeling Amps, 30 DeepImage Amps, 30 User Amps
USB	USB-C (24-bit / 48 kHz USB Audio, USB MIDI [PC Editor], Firmware Update)
Bluetooth	NBT-1 Bluetooth Module (included) with App Control
Expression Control	Yes (optional external EXP pedal or NMP-2 Lite footswitch)
Bypass Switching	Buffered Bypass
Software	NUX Audio Editor (PC), NUX Audio App
INPUT/RETURN Impedance	1 M?
AUX IN Impedance	10 k?
OUTPUT L/R Impedance	1 k?
BALANCED OUTPUT Impedance	440 ?
SEND Impedance	1 k?
PHONES OUT Impedance	10 ?
INPUT to OUTPUT L/R Dynamic Range	110 dB
Battery lifetime	5 hours
Battery fully recharging time	5 hours
Power Supply	12V DC / 1.5A (Center Negative)
Current Draw	< 1400 mA
Current Draw	< 1400 mA
Weight	2.8 kg

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