

ENGL CABLOADER

ENGL Cabloader Cabinet Simulator Pedal

User Manual

INTRODUCTION

The ENGL Cabloader is a versatile cabinet simulator and impulse response (IR) loader pedal designed for guitarists. This device allows users to integrate various virtual cabinet and speaker combinations, microphone options, and power amp simulations directly into their signal chain. It is ideal for connecting to a PA system, audio interface, or for silent practice with headphones, providing a wide range of tonal possibilities without the need for traditional speaker cabinets.

SAFETY INFORMATION

- Always use the specified power supply (9V DC, 300mA, center negative) to prevent damage to the unit.
- Do not expose the unit to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the unit to strong impacts.
- Do not attempt to open or modify the unit. Refer all servicing to qualified personnel.
- Ensure proper ventilation when operating the device.

PACKAGE CONTENTS

Please check that all items are present in the package:

- ENGL Cabloader Cabinet Simulator Pedal
- Power supply (9V DC 300mA)
- USB cable
- User manual

PRODUCT OVERVIEW

The ENGL Cabloader features a robust metal enclosure with clearly labeled controls and connections. Understanding the layout is crucial for effective operation.



Figure 1: Top view of the ENGL Cabloader pedal, showing the Power Amp, Cab, and Mic sections, along with the Favourite A and B footswitches. The Power Amp section includes PRESENCE and MASTER knobs. The Cab section features a selector knob for various cabinet IRs. The Mic section has CENTER and DISTANCE knobs. Input, Unbalanced Out, and Balanced Out connections are visible on the sides.



Figure 2: Rear view of the ENGL Cabloader pedal, highlighting the USB port for computer connection and the 9V DC power input. This view also shows the overall compact design of the unit.

Controls and Connections:

- **INPUT:** 1/4" mono input for your guitar or amplifier's speaker output.
- **UNBAL OUT:** 1/4" unbalanced output for connecting to an amplifier's FX return, another pedal, or an audio interface.
- **BAL OUT:** XLR balanced output for direct connection to a PA system or recording console.
- **THRU:** 1/4" output for passing the dry signal to another device.
- **HEADPHONE OUT:** 1/8" stereo headphone output for silent practice.
- **USB:** Micro USB port for connecting to a computer for IR loading and software updates.
- **9V DC IN:** Power input for the included 9V DC power supply.

- **PRESENT Knob:** Adjusts the presence in the power amp simulation.
- **MASTER Knob:** Controls the overall output level of the power amp simulation.
- **CAB Selector Knob:** Selects from 16 different cabinet impulse responses (12 preloaded, 4 user-loadable).
- **CENTER Knob:** Adjusts the virtual microphone's position relative to the speaker cone.
- **DISTANCE Knob:** Adjusts the virtual microphone's distance from the speaker.
- **FAVOURITE A/B Footswitches:** Engage or bypass the effect, or switch between saved presets. Hold for bypass.

SETUP

1. **Power Connection:** Connect the included 9V DC 300mA power supply to the 9V DC IN jack on the Cabloader. Plug the power supply into a suitable electrical outlet.
2. **Instrument/Amplifier Connection:**
 - For guitar directly into the Cabloader: Connect your guitar to the INPUT jack.
 - For amplifier's speaker output into the Cabloader: Connect the speaker output of your amplifier (ensure your amplifier is connected to a load box if it requires one) to the INPUT jack.
3. **Output Connection:**
 - To a PA system or audio interface: Connect the BAL OUT (XLR) to your mixer or interface.
 - To an amplifier's FX return: Connect the UNBAL OUT (1/4") to the FX return of your amplifier.
 - For silent practice: Connect headphones to the 1/8" HEADPHONE OUT.
4. **USB Connection (Optional):** Connect the Micro USB port to your computer using the supplied USB cable to load custom IRs or update firmware.

OPERATING INSTRUCTIONS

Power Amp Simulation:

The Cabloader features a power amp simulation section that allows you to emulate different power tube types, such as EL34s and 6L6s, influencing the overall feel and response of your tone.

- **PRESENT Knob:** Adjusts the high-frequency content and brightness, simulating the presence control found on many tube amplifiers.
- **MASTER Knob:** Controls the overall output volume of the power amp simulation.

Cab Simulation (IR Loader):

The CAB section allows you to select from a variety of preloaded cabinet impulse responses or load your own.

- **CAB Selector Knob:** Rotate this knob to choose from 16 different cabinet simulations. The first 12 are preloaded ENGL cabinet and speaker combinations. Positions 13-16 are reserved for user-loaded third-party IRs.

Mic Simulation:

Fine-tune your cabinet tone with virtual microphone options and placement controls.

- **CENTER Knob:** Adjusts the virtual microphone's position across the speaker cone, from the edge to the center, affecting the tonal character.

- **DISTANCE Knob:** Controls the virtual microphone's distance from the speaker, influencing the amount of room sound and proximity effect.

Footswitch Functions:

- **FAVOURITE A / FAVOURITE B:** These footswitches can be used to recall saved presets.
- **Bypass:** To bypass the effect, hold down either the FAVOURITE A or FAVOURITE B footswitch.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Storage:** Store the Cabloader in a dry, cool place away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Regularly check all cables for damage. Replace any frayed or damaged cables immediately.

TROUBLESHOOTING

- **No Power:** Ensure the power supply is correctly connected to the unit and a working power outlet. Verify the power supply specifications (9V DC, 300mA, center negative).
- **No Sound:** Check all audio cable connections (input, output, headphones). Ensure the volume controls on the Cabloader and connected devices are turned up. Verify that the unit is not in bypass mode.
- **Poor Sound Quality:** Check for proper impedance matching with connected devices. Ensure cables are not damaged. Experiment with different cabinet and microphone settings.
- **Unable to Load IRs via USB:** Ensure the USB cable is securely connected to both the Cabloader and your computer. Check that the necessary software/drivers are installed on your computer. Refer to the ENGL website for specific software requirements and troubleshooting guides.

SPECIFICATIONS

Brand	ENGL
Model Name	ENGL CABLOADER
Manufacturer	ENGL Amplifiers
Item Weight	1.09 Pounds
Item Dimensions (L x W x H)	5.3 x 4.75 x 2.7 inches
Power Source	Corded Electric
Voltage	9 Volts DC
Amperage	50 Milliamps
Hardware Interface	USB (Micro USB)
Signal Format	Analog
Controls Type	Push Button, Knob

Audio Output Effects

Distortion (Note: This device primarily offers cabinet simulation and IR loading, not traditional distortion effects.)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ENGL Amplifiers website or contact your authorized ENGL dealer. Keep your purchase receipt as proof of purchase for any warranty claims.

ENGL Amplifiers Official Website: www.engl-amps.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question