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Line 6 M13 Stompbox Modeler

Line 6 M13 Stompbox Modeler Instruction Manual

Brand: Line 6 | Model: M13 Stompbox Modeler

1. INTRODUCTION

The Line 6 M13 Stompbox Modeler is an all-in-one pedal board experience designed for guitarists seeking a comprehensive collection of stompbox sounds, a full-featured looper, and robust construction. It combines the intuitive ease of traditional stompboxes with the power of a multi-effects unit, eliminating complicated menus and presets. The M13 offers instant access to an arsenal of celebrated stompbox sounds, allowing for versatile tone shaping and creative expression.

2. KEY FEATURES

- **Extensive Effect Library:** Over 100 immortal stompbox effects, including 19 delays, 18 distortions, 12 reverbs, 26 filters, 22 modulations, and 12 compressors/EQs.
- **Simultaneous Effects:** Use up to four effects simultaneously in any order and combination.
- **Stompbox Simplicity:** Dedicated knobs for on-the-fly tone adjustments without complex menus or saving procedures. Settings are retained upon power-down.
- **Built-in Looper:** A 28-second looper with dedicated footswitches for Play/Stop, Undo/Redo, Rec/Overdub, Half Speed, Reverse, and Play Once.
- **Scene Management:** Create and save up to 48 different pedal board "scenes" for various musical contexts. Scenes can be backed up via MIDI.
- **Versatile Connectivity:** Stereo FX loop, mono/stereo inputs and outputs (with True Analog bypass or DSP bypass), mono/stereo assignable FX sends and returns, MIDI input and output, and two expression pedal inputs.
- **Durable Construction:** Tank-tough, all-metal construction designed for on-stage reliability.
- **Version 2.0 Update:** Free update from Line 6 provides over 20 new FX models (including Smart Harmony, Pitch Glide, Bass Octaver, EQs, Wahs), 4 folders of 12 scenes each (total 48 scenes), MIDI control for the looper, and Dim OFF Models.

3. SETUP

3.1 Connecting Your M13 Stompbox Modeler

The M13 Stompbox Modeler offers a variety of connection options to integrate seamlessly into your existing setup. Ensure all connections are secure before powering on the device.

- **Power:** Connect the included power adapter to the DC IN port and a suitable power outlet.
- **Guitar Input:** Plug your guitar into the INPUT L/MONO jack. For stereo input, use both L and R INPUT jacks.
- **Output to Amplifier/Mixer:** Connect the OUTPUT L/MONO and R jacks to your amplifier(s) or mixing console. The M13 supports both mono and stereo output configurations.
- **FX Loop:** Use the FX SEND and FX RETURN jacks to integrate external pedals into the M13's signal chain. This allows you to place external effects before, after, or in between the M13's internal models.
- **Expression Pedals:** Connect up to two optional expression pedals to the EXPRESSION PEDAL 1 and 2 inputs for real-time control over various effect parameters.
- **MIDI:** Use the MIDI IN and MIDI OUT ports to connect the M13 to other MIDI-compatible devices for advanced control and scene management.



Figure 1: Rear panel connections of the Line 6 M13 Stompbox Modeler, showing inputs, outputs, MIDI, and power.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

The M13 is designed for intuitive use, mimicking the experience of individual stompboxes. Each effect unit has dedicated knobs for parameter adjustment.

- **Selecting Effects:** Use the footswitches to activate or bypass individual effects within a scene. The bright LCD screens display effect names and parameter values.
- **Adjusting Parameters:** Turn the dedicated knobs above each effect unit to adjust parameters like drive, tone, delay time, reverb decay, etc.
- **Changing Scenes:** Utilize the scene footswitches to switch between different pre-configured pedal board setups.
- **Looper Control:** The dedicated looper footswitches allow for easy recording, overdubbing, playback, and manipulation of loops.
- **Chromatic Tuner:** The built-in chromatic tuner can be accessed directly from the unit, providing convenient and accurate tuning.



Figure 2: Top panel of the Line 6 M13 Stompbox Modeler, showing effect units, footswitches, and LCD screens.

4.2 Advanced Features (Version 2.0)

With the Version 2.0 update, the M13 Stompbox Modeler gains enhanced capabilities:

- **Expanded FX Models:** Access new effects like Smart Harmony, Pitch Glide, Bass Octaver, additional EQs, and Wah models.
- **More Scenes:** Organize your sounds across 4 folders, each containing 12 scenes, for a total of 48 customizable setups.
- **MIDI Looper Control:** Control the looper functionality via MIDI without needing to enter looper mode on the unit itself.
- **Dim OFF Models:** Utilize new models such as Particle Verb, Pattern Tremolo, Script Phaser, AC Flanger, Bucket Brigade chip modeled 80A Flanger, and Frequency Shifter.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Line 6 M13 Stompbox Modeler, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid abrasive cleaners or solvents, which can damage the finish or electronic components.
- **Storage:** Store the M13 in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. When transporting, use a protective case to prevent physical damage.
- **Power Supply:** Always use the original Line 6 power adapter provided with the unit. Using an incorrect power supply can cause damage and void your warranty.
- **Firmware Updates:** Periodically check the official Line 6 website for firmware updates. Keeping your device's

firmware up-to-date ensures access to the latest features and bug fixes.

6. TROUBLESHOOTING

If you encounter issues with your M13 Stompbox Modeler, consider the following common troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the M13 and a working power outlet. Verify the power switch is in the 'ON' position.
- **No Sound:** Check all audio cable connections (guitar input, outputs to amp/mixer). Ensure the volume knob on your guitar and amplifier are turned up. Verify that no effects are inadvertently muting the signal.
- **Unexpected Sound/Noise:** Check for loose cable connections. Ensure proper grounding to avoid hum. If using external pedals in the FX loop, test them individually to isolate the source of the noise.
- **Effect Malfunction:** Try resetting the individual effect unit or reloading the scene. If the issue persists, a factory reset might be necessary (refer to the full user manual for instructions on performing a factory reset).
- **Footswitch Unresponsive:** Ensure the footswitch is clean and free from debris. If a specific footswitch consistently fails, it may require service.

For more detailed troubleshooting, please consult the complete Line 6 M13 user manual available on the official Line 6 support website.

7. SPECIFICATIONS

Item Weight	11 pounds
Product Dimensions	21.6 x 13 x 4.7 inches
Item Model Number	M13 Stompbox Modeler
Color	Black
Hardware Interface	1/4-inch Audio
Signal Format	Analog
Voltage	9 Volts

8. WARRANTY AND SUPPORT

For detailed information regarding the product warranty, registration, and technical support, please visit the official Line 6 website or contact their customer service. Keep your proof of purchase for warranty claims.

Official Line 6 Website: www.line6.com