M-VAVE Black Pedal Box

M-VAVE Black Box Pedal User Manual

Model: Black Pedal Box

Introduction

Welcome to the user manual for the M-VAVE Black Box Pedal, a versatile and portable multi-effects processor designed for both guitar and bass. This device integrates amplifier modeling, various effects modules, and a rechargeable battery, making it an ideal tool for practice, performance, and recording. This manual will guide you through the setup, operation, and maintenance of your Black Box Pedal to ensure you get the most out of its features.



Figure 1: Front view of the M-VAVE Black Box Pedal, showcasing its compact design and main display.

Product Overview

Controls and Connections



Figure 2: Detailed view of the Black Box Pedal's control panel, including knobs, buttons, and display.

- **MASTER Knob:** Controls the overall output volume.
- **PARA Knob:** Used for parameter adjustment within selected effects or settings.
- **HOME Button:** Returns to the main display or preset selection screen.
- **FX Button:** Accesses the effects module settings.
- **AMP Button:** Accesses the amplifier modeling settings.
- **MOD Button:** Accesses modulation effects settings.
- **DLY Button:** Accesses delay effects settings.
- **REV Button:** Accesses reverb effects settings.
- **CAB Button:** Accesses cabinet simulation settings.
- **Left Footswitch:** Toggles the selected module on/off.
- **Right Footswitch:** Cycles through six modules, allowing selection of one.



Figure 3: Side view illustrating the input, output, USB, and headphone connections.

- **Input Jack:** Connect your guitar or bass here.
- **Output Jack:** Connect to an amplifier, mixer, or audio interface.
- **USB Port:** For charging, firmware updates, and USB audio interface functionality.
- **1/8" Headphone Jack:** For silent practice and monitoring.

Key Features



Figure 4: A summary of the Black Box Pedal's main features.

- **Digital Modeling Multi-Effects Processor:** Comprehensive effects and amp modeling for guitar and bass.
- **6 Effects Modules:** Dedicated sections for FX, AMP, MOD, DLY, REV, and CAB.
- **80 Editable Presets:** 40 factory presets and 40 user-editable slots.
- **Rechargeable Battery:** Provides up to 10 hours of battery life for portable use.
- **High-Definition Screen:** Clear display for easy navigation and parameter adjustment.
- **Audio Neural Network (ANN) Modeling Algorithm:** Advanced modeling for realistic tones.
- **Two Multi-function Footswitches:** For hands-free control of effects and presets.
- **Computer Sound Card Features:** Functions as a USB audio interface for recording.
- **Mobile OTG (On-The-Go) Internal Recording Function:** Record directly to mobile devices.
- **DLY Supports Freeze:** For infinite sustained sound.

- **Stomp Mode:** Allows individual effect modules to be toggled like traditional stompboxes.
- **Software Support:** Compatible with both mobile and computer software for deeper editing.
- **Wireless Bluetooth Music Function:** Stream audio for practice.
- **Wired/Wireless MIDI Footswitch Connectivity:** Expand control options.
- **MOD and DLY Support TAP Tempo:** For setting effect speeds.
- **Convenient USB 5V Power:** Easy to power and charge.
- **Simultaneous Effects:** Can use 6 + 1 effects concurrently.
- **Third-Party IR (Impulse Response) Support:** Load custom cabinet simulations.

Getting Started (Setup)

Charging the Battery

Before first use, fully charge the internal rechargeable battery. Connect the Black Box Pedal to a standard USB 5V power adapter (not included) using the provided USB cable. The charging indicator on the device will show its status. A full charge provides up to 10 hours of continuous use.

Connecting Your Instrument

1. Connect your guitar or bass to the **Input Jack** on the Black Box Pedal using a standard 1/4" instrument cable.
2. Connect the **Output Jack** of the Black Box Pedal to your amplifier, mixer, or audio interface using another 1/4" instrument cable.
3. For silent practice, connect headphones to the **1/8" Headphone Jack**.

Powering On/Off

Press and hold the power button (usually located near the USB port) for a few seconds to turn the unit on or off. The display will illuminate upon power-on.

Operating Instructions

Basic Navigation

The main display shows the current preset number (e.g., P04) and the active effects chain. Use the **HOME** button to return to the main screen or to navigate between preset banks. The **MASTER** knob controls the overall output volume, while the **PARA** knob adjusts parameters of the currently selected effect or setting.

Footswitch Functions



Figure 5: Illustration of the left and right footswitch functionalities.

- **Left Footswitch:** In preset mode, this footswitch typically toggles the selected module on/off within the current preset. In Stomp Mode, it acts as an individual effect bypass.
- **Right Footswitch:** Cycles through the six effects modules (FX, AMP, MOD, DLY, REV, CAB), allowing you to select which module to edit or activate.

Effect Modules

Press any of the dedicated effect buttons (FX, AMP, MOD, DLY, REV, CAB) to enter its respective module. Once inside a module, use the **PARA** knob to adjust parameters specific to that effect. The display will show the current settings. Press the button again to exit the module or return to the main screen with the **HOME** button.

Presets

The Black Box Pedal comes with 40 factory presets and allows you to save 40 of your own custom presets. To navigate presets, use the footswitches or the HOME button in combination with the PARA knob. To save a preset, adjust your desired effects and settings, then follow the on-screen prompts or refer to the full digital manual for specific save procedures.

Using the Tuner

The built-in tuner can be accessed by holding down a specific button combination (refer to the full digital manual for exact key press). Once activated, play a single note on your instrument, and the display will show whether the note is sharp, flat, or in tune.

Bluetooth Connectivity

To connect your mobile device via Bluetooth for music playback, activate Bluetooth on your device and search for the Black Box Pedal. Pair with the device, and you can then stream backing tracks or music through the pedal for practice.

USB Audio Interface Functionality

Connect the Black Box Pedal to your computer or mobile device via the USB port. The pedal can function as an audio interface, allowing you to record your guitar/bass directly into a DAW (Digital Audio Workstation) or other recording software. Ensure your computer's audio settings are configured to use the Black Box Pedal as the input device.

Maintenance

To ensure the longevity and optimal performance of your M-VAVE Black Box Pedal, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the pedal. Do not use abrasive cleaners, waxes, or solvents.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. If storing for an extended period, charge the battery to about 50% and recharge every few months.
- **Connections:** Always handle cables by the plug, not the wire, when connecting or disconnecting to prevent damage to the jacks.

Troubleshooting

If you encounter issues with your Black Box Pedal, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	Incorrect cable connections, low volume, pedal not powered on, effect bypassed.	Check all cable connections. Ensure MASTER volume is up. Verify pedal is powered on. Check if the active effect module is engaged.
Distorted or noisy sound	Input level too high, faulty cable, power supply issues.	Reduce instrument output or pedal's input gain. Try a different cable. Ensure stable 5V USB power supply.
Pedal not turning on	Battery drained, power button not held long enough, faulty USB cable/charger.	Charge the battery. Hold the power button for 3-5 seconds. Try a different USB cable and power adapter.
Bluetooth connection issues	Pedal not in pairing mode, device too far, interference.	Ensure Bluetooth is enabled on the pedal (if applicable) and your device. Keep devices close. Avoid strong interference sources.
Effects not changing	Incorrect mode, footswitch issue.	Ensure you are in the correct operating mode (e.g., preset mode vs. stomp mode). Check footswitch functionality.

If the problem persists after trying these solutions, please contact M-VAVE customer support for further assistance.

Specifications

Feature	Detail
Model Name	Black Box Pedal
Model Number	Black Pedal Box
Effects Modules	6 (FX, AMP, MOD, DLY, REV, CAB)
Presets	80 (40 Factory + 40 User)
Battery Life	Up to 10 hours (approx.)
Connectivity	1/4" Input, 1/4" Output, USB-C, 1/8" Headphone, Bluetooth, MIDI (wired/wireless)
Power Supply	USB 5V
Screen	High-definition display
Additional Features	USB Audio Interface, Mobile OTG Recording, Third-Party IR Support, Stomp Mode, TAP Tempo

Warranty and Support

M-VAVE products are designed for reliability and performance. For information regarding warranty coverage, technical support, or service, please refer to the warranty card included with your product or visit the official M-VAVE website. Keep your purchase receipt as proof of purchase for any warranty claims.

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

Anonymous

Email

you@example.com

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