M-VAVE MVA-H8

M-Vave H8 Guitar Headphone Amplifier User Manual

Model: MVA-H8 | Brand: M-VAVE

Overview	Setup	Operating	Introduction Maintenance	Product Troubleshooting	Specifications	Warranty & Support

1. INTRODUCTION

The M-Vave H8 is a compact and versatile guitar headphone amplifier designed for musicians seeking a portable and feature-rich practice solution. This device integrates a wide array of effects, preamps, and cabinet simulations, along with a built-in tuner and recording capabilities, all within a highly portable form factor.

Key features include:

- Integrated guitar headphone amplifier
- 10 classic preamplifiers
- 10 infrared cabinet simulations
- High-precision tuner
- Internal recording function
- Bluetooth audio input for playback
- Built-in rechargeable battery for up to 5 hours of continuous use

2. PRODUCT OVERVIEW

Familiarize yourself with the M-Vave H8's components and controls.

Figure 2.1: Front View of M-Vave H8. This image shows the main control panel of the H8, including the On/Off button, Edit and Store controls, Bypass button, Bluetooth indicator, Tuner controls, and various effect parameter knobs (Amp, Gain, Tone, Mod, Time, Fb, Mix, Reverb, IR Cab, Vol). The LED indicators for presets (1-10) and tuner notes (E, A, D, G, B, E) are also visible.

Figure 2.2: Side View of M-Vave H8. This image highlights the 1/4-inch instrument input jack on the left side and a USB port on the right side, used for charging, connecting to a computer, and firmware updates.

Figure 2.3: Another Side View of M-Vave H8. This image provides a clearer view of the 3.5mm headphone output jack and the USB port, which is essential for charging and data transfer.

Controls and Indicators:

- **On/Off Button:** Powers the unit on or off.
- **Edit Buttons (Up/Down):** Navigate through parameters or presets during editing.
- **Store Button:** Saves edited presets.
- **Bypass Button:** Toggles the effects on/off.
- **BT (Bluetooth) Indicator:** Shows Bluetooth connection status.
- **Tuner Buttons (+/-):** Activates the tuner and adjusts settings.
- **Effect Knobs (Amp, Gain, Tone, Mod, Time, Fb, Mix, Reverb, Ir cab, Vol):** Adjust parameters for various effects

and overall volume.

- **Preset LEDs (1-10):** Indicate the currently selected preset.
- **Tuner Note LEDs (E, A, D, G, B, E):** Display the detected note during tuning.

Ports:

- **1/4" Instrument Input:** Connect your guitar or other instrument.
- **3.5mm Headphone Output:** Connect your headphones for monitoring.
- **USB 2.0 Port:** For charging, connecting to a computer for software (Cube Suite) and recording, and firmware updates.

3. SETUP

3.1 Charging the Device

The M-Vave H8 has a built-in lithium-ion battery. Before first use, fully charge the device.

1. Connect the supplied USB cable to the H8's USB port.
2. Connect the other end of the USB cable to a standard USB power adapter (not included) or a computer's USB port.
3. The charging indicator (usually an LED near the USB port) will illuminate during charging and turn off or change color when fully charged. A full charge provides approximately 5 hours of continuous use.

3.2 Connecting Your Instrument and Headphones

1. Insert your guitar's 1/4-inch cable into the H8's instrument input jack.
2. Plug your 3.5mm headphones into the H8's headphone output jack.

3.3 Bluetooth Pairing (for Audio Playback)

The H8 supports Bluetooth audio input for playing backing tracks from your mobile device.

1. Power on the H8.
2. Activate Bluetooth on your smartphone, tablet, or other audio playback device.
3. Search for available Bluetooth devices and select "M-Vave H8" (or similar name).
4. Once paired, the BT indicator LED on the H8 will illuminate steadily. You can now play audio from your device through the H8's headphone output.

3.4 Connecting to a Computer (for Software & Recording)

The H8 can connect to a computer via USB for use with the free Cube Suite software and for internal recording.

1. Download and install the Cube Suite software from the M-Vave official website.
2. Connect the H8 to your computer using the supplied USB cable.
3. The H8 should be recognized as an audio device. You can then use Cube Suite to manage presets, load third-party IRs, and use the H8 as an audio interface for recording in your preferred Digital Audio Workstation (DAW) software (not included).

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press and hold the **On/Off** button for a few seconds to power the unit on or off.

4.2 Selecting and Editing Presets

The H8 comes with 10 factory presets. You can select them and edit their parameters.

1. **Select Preset:** Use the **Edit Up/Down** buttons to cycle through the 10 presets. The corresponding LED (1-10) will light up.
2. **Adjust Parameters:** Rotate the individual knobs (Amp, Gain, Tone, Mod, Time, Fb, Mix, Reverb, Ir cab, Vol) to adjust the desired effect parameters for the current preset.
3. **Save Preset:** After adjusting parameters, press the **Store** button. The preset LED will blink. Press **Store** again to confirm saving to the current preset slot.

4.3 Using the Tuner

The H8 features a high-precision tuner.

1. Press the **Tuner +** or **Tuner -** button to activate the tuner mode. The display LEDs will change to show tuning information.
2. Play a single note on your guitar. The corresponding note LED (E, A, D, G, B, E) will light up, and the small dots will indicate if the note is flat, sharp, or in tune.
3. Adjust your guitar's tuning until the center dot illuminates, indicating the note is in tune.
4. Press the **Tuner +** or **Tuner -** button again to exit tuner mode.

4.4 Bypass Function

Press the **Bypass** button to toggle the effects on or off. When bypassed, the signal from your guitar will pass through without any effects applied.

4.5 Internal Recording

The H8 supports high-quality internal recording when connected to a computer.

1. Connect the H8 to your computer via the USB cable.
2. Open your preferred recording software (DAW) on your computer.
3. Select the M-Vave H8 as your audio input device within your recording software's settings.
4. You can now record your guitar signal with the H8's effects directly into your computer.

5. MAINTENANCE

5.1 Cleaning

To clean the M-Vave H8, use a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents, as they may damage the finish or internal components.

5.2 Battery Care

- Avoid fully discharging the battery frequently.
- If storing the device for an extended period, charge it to approximately 50% every few months to preserve battery life.
- Do not expose the device to extreme temperatures.

5.3 Firmware Updates

Periodically check the M-Vave official website for any available firmware updates for the H8. Firmware updates can improve performance, add new features, or fix bugs. Follow the instructions provided on the website for the update process.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from headphones.	H8 is off; low battery; headphones not fully plugged in; volume too low; Bypass engaged.	Ensure H8 is on and charged. Check headphone connection. Increase H8 volume. Press Bypass button to disengage.
Bluetooth not connecting.	H8 not in pairing mode; device Bluetooth off; incorrect device selected.	Ensure H8 is on. Turn Bluetooth off/on on your device. Re-scan and select "M-Vave H8".
Cannot save presets.	Store button not pressed twice.	Press the Store button once to initiate save, then again to confirm.
Device not recognized by computer.	Faulty USB cable; driver issue; H8 not powered on.	Try a different USB cable. Ensure H8 is powered on. Reinstall Cube Suite software or check M-Vave website for drivers.
Short battery life.	Battery degradation; not fully charged.	Ensure full charge before use. Follow battery care guidelines. If issue persists, contact support.

7. SPECIFICATIONS

Feature	Detail
Brand	M-VAVE
Model Number	MVA-H8
Compatible Devices	Guitar
Color	Black
Material	Plastic
Output Power	10 Watts (Implied for headphone amp, not speaker output)
Product Dimensions	110mm (L) x 10mm (W) x 30mm (H)
Battery Type	Lithium-ion
Battery Life	Approx. 5 hours (continuous use)
Connectivity	USB, Bluetooth
First Available Date	March 7, 2022

8. WARRANTY AND SUPPORT

8.1 Manufacturer's Warranty

The M-Vave H8 comes with a manufacturer's warranty of **2 years**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage caused by misuse, accident, unauthorized modification, or normal wear and tear.

8.2 Customer Support

For technical support, warranty claims, or further assistance, please visit the official M-Vave website or contact their customer service department. Refer to the product packaging or the official website for the most up-to-date contact information.

What's in the Box:

- M-Vave H8 Unit
- USB Cable
- User Manual (Note: Language may vary, this document serves as the English manual)