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> [M-VAVE MINI-UNIVERSE Reverb Guitar Pedal User Manual](#)

## M-KVIVE MINI-UNIVERSE

# M-VAVE MINI-UNIVERSE Reverb Guitar Pedal

## USER MANUAL

### 1. INTRODUCTION

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The M-VAVE MINI-UNIVERSE is a professional digital reverb effect pedal designed to enhance your guitar's sound with a wide range of ambient effects. Featuring 9 distinct reverb modes and intuitive controls, this compact pedal offers versatility and high-quality sound processing for various musical styles. Its robust metal construction ensures durability, while the true bypass design minimizes tone loss when the effect is disengaged.

### 2. FEATURES

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- **9 Reverb Effects:** Includes Room, Hall, Plate, Spring, Shimmer, Cloud, Bloom, Swell, and Lofi modes.
- **Pure Digital Processing:** Delivers warm, natural, and bright timbres with excellent dynamic response.
- **Intuitive Controls:** Features DECAY, MIX, PARAM1, PARAM2, and PARAM3 knobs for precise effect adjustment.
- **Dual Power Supply Options:** Can be powered via DC 9V (negative inside, positive outside) or USB 5V.
- **True Bypass:** Ensures signal integrity when the pedal is off.
- **Compact and Durable Design:** Small footprint saves pedalboard space, and the metal casing provides road-ready durability.

### 3. PACKAGE CONTENTS

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Upon opening the package, please verify that all items are present and in good condition:

- 1 x M-VAVE MINI-UNIVERSE Effect Pedal
- 1 x User Manual (English)

### 4. CONTROLS AND FUNCTIONS

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Familiarize yourself with the various controls and connections on your MINI-UNIVERSE pedal:



# Product details



- ① **Power jack:** Please use 9V DC adapter (negative inside and positive outside).
- ② **USB jack:** Support power supply, suggest to use 5V 1A adapter.
- ③ **DECAY knob:** Adjust the duration of echo.
- ④ **TYPE knob:** Select different reverb by dialing this knob, there are 9 gears, please look the Timbre introduction.
- ⑤ **MIX knob:** Adjust the ratio of wet and dry.
- ⑥ **PARAM1 knob:** In different timbre, the function of the knob is not exactly the same, please see the Timbre introduction.
- ⑦ **PARAM2 knob:** Please see the Timbre introduction.
- ⑧ **PARAM3 knob:** Please see the Timbre introduction.
- ⑨ **Output jack:** 1/4" MONO audio output jack.
- ⑩ **LED:** The LED lights up when the effect pedal is enabled, or goes out in bypass mode.
- ⑪ **Input jack:** 1/4" MONO audio input jack.
- ⑫ **Footswitch:** Enable/bypass the MINI-UNIVERSE by tap the footswitch.

*Image: Detailed diagram of the M-VAVE MINI-UNIVERSE pedal showing numbered controls.*

1. **Power Jack:** Standard DC 9V power input (negative inside and positive outside).
2. **USB Port:** USB 5V power input. Recommended to use a 5V 1A adapter or power bank.
3. **DECAY Knob:** Adjusts the duration of the reverb tail.
4. **TYPE Knob:** Rotary switch to select one of the 9 reverb effects (Room, Hall, Plate, Spring, Shimmer, Cloud, Bloom, Swell, Lofi).
5. **MIX Knob:** Controls the blend between the dry (unaffected) and wet (effected) signal.
6. **PARAM1 Knob:** Parameter 1 control. Its function varies depending on the selected reverb type.
7. **PARAM2 Knob:** Parameter 2 control. Its function varies depending on the selected reverb type.
8. **PARAM3 Knob:** Parameter 3 control. Its function varies depending on the selected reverb type.
9. **Output Jack:** Standard 1/4" MONO/TS audio output. Connect to your amplifier or next pedal in the chain.
10. **LED Indicator:** Illuminates when the effect pedal is active. Turns off in bypass mode.
11. **Input Jack:** Standard 1/4" MONO/TS audio input. Connect your guitar or previous pedal here.
12. **Footswitch:** Taps to enable or bypass the MINI-UNIVERSE effect.

## Parameter Functions by Reverb Type

The function of PARAM1, PARAM2, and PARAM3 knobs changes based on the selected reverb type. Refer to the table below for specific details:



Image: Bottom view of the pedal displaying the parameter function table.

Reverb Type	PARAM 1	PARAM 2	PARAM 3
ROOM	HP	LP	DRIFT
HALL	HP	LP	DRIFT
PLATE	HP	LP	DWELL
SPRING	HP	LP	DWELL
SHIMMER	HP	PITCH	AMOUNT
CLOUD	HP	LP	DIFFUSION
BLOOM	HP	LP	LENGTH
SWELL	HP	LP	RISETIME
LOFI	SAMPLE	NOISE	DRIFT

Note: HP = High Pass Filter, LP = Low Pass Filter. Specific functions like DRIFT, DWELL, PITCH, AMOUNT, DIFFUSION, LENGTH,

*RISETIME, SAMPLE, and NOISE control unique characteristics of each reverb type. Experiment with these knobs to discover the full range of sounds.*

## 5. SETUP

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Follow these steps to set up your M-VAVE MINI-UNIVERSE pedal:

1. **Power Connection:** Connect a DC 9V power adapter (center negative, minimum 300mA) to the **DC9V** jack, or connect a USB 5V power source (minimum 300mA, 1A recommended) to the **USB** port. Ensure the power source is stable.
2. **Input Connection:** Connect your guitar or the output of a preceding effect pedal to the **IN** jack on the right side of the pedal using a standard 1/4" mono instrument cable.
3. **Output Connection:** Connect the **OUT** jack on the left side of the pedal to your amplifier's input or the input of the next effect pedal in your signal chain using a standard 1/4" mono instrument cable.
4. **Placement:** Place the pedal on a stable surface or integrate it into your pedalboard. Its compact size is designed to save space.



Image: Angled view of the pedal, highlighting the input and output jacks.

## 6. OPERATING INSTRUCTIONS

Once the pedal is set up, follow these steps to operate it:

1. **Power On:** Ensure your power supply is connected and active. The LED indicator will light up if the pedal is engaged.
2. **Engage/Bypass:** Press the footswitch to toggle the effect on (LED illuminated) or off (LED off, true bypass).
3. **Select Reverb Type:** Rotate the **TYPE** knob to choose from the 9 available reverb effects (Room, Hall, Plate, Spring, Shimmer, Cloud, Bloom, Swell, Lofi).
4. **Adjust Reverb Decay:** Use the **DECAY** knob to control the length of the reverb tail. Turning it clockwise increases the decay time.
5. **Set Mix Level:** Adjust the **MIX** knob to balance the amount of dry signal with the reverb effect. Fully counter-

clockwise is dry signal only, fully clockwise is maximum effect.

6. **Fine-Tune Parameters:** Utilize the **PARAM1**, **PARAM2**, and **PARAM3** knobs to adjust specific characteristics of the selected reverb type, as detailed in the "Parameter Functions by Reverb Type" table in Section 4. Experiment with these controls to achieve your desired sound.

# MINI-UNIVERSE

## Product display

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## 7. SPECIFICATIONS

Feature	Specification
Material	Metal
Input	Standard 1/4" jack-MONO/TS
Output	Standard 1/4" jack-MONO/TS
Power Supply 1	DC9V $\geq$ 300mA (negative inside)
Power Supply 2	USB 5V $\geq$ 300mA
Item Size	112 x 68 x 40mm / 4.41 x 2.68 x 1.57in
Item Weight	235g / 8.31oz
Model Number	MINI-UNIVERSE

## 8. MAINTENANCE

To ensure the longevity and optimal performance of your M-VAVE MINI-UNIVERSE pedal, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the pedal's exterior. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the finish or internal components.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Protection:** When not in use, disconnect power and cables. If transporting, use a padded case to protect it from physical impact.
- **Power Supply:** Always use a compatible power supply (DC 9V center negative or USB 5V) to prevent damage.
- **Connections:** Periodically check all cable connections for secure fit and signs of wear. Replace damaged cables promptly.

## 9. TROUBLESHOOTING

If you encounter issues with your M-VAVE MINI-UNIVERSE pedal, refer to the following common problems and solutions:

- **No Sound:**
  - Ensure all cables (input, output, power) are securely connected.
  - Verify the power supply is correctly connected and providing the correct voltage (DC 9V or USB 5V) and current.
  - Check if the pedal is engaged (LED illuminated). If not, press the footswitch.
  - Test with different cables, guitar, and amplifier to isolate the problem.
- **No Effect Sound (Dry Signal Only):**
  - Ensure the pedal is engaged (LED illuminated).
  - Check the **MIX** knob position. Turn it clockwise to increase the effect level.
  - Verify the **TYPE** knob is set to a desired reverb mode.

- **Unwanted Noise/Hum:**

- Use a regulated, isolated power supply designed for guitar pedals.
- Ensure all cables are high quality and properly shielded.
- Check for ground loops in your setup.
- Move the pedal away from power transformers or other sources of electromagnetic interference.

- **Knobs Not Responding:**

- Ensure the pedal is powered on and engaged.
- If a specific knob is unresponsive, it may indicate a hardware issue.

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

## 10. WARRANTY AND SUPPORT

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M-VAVE products are designed for reliability and performance. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official M-VAVE website. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact M-VAVE customer support through their official channels.