

Walrus Audio Monument V2

Walrus Audio Monument V2 Tap Tremolo Pedal User Manual

Model: Monument V2

1. INTRODUCTION

The Walrus Audio Monument V2 is a versatile tremolo pedal offering both standard and harmonic tremolo effects. It is designed to produce a rich, pulsating modulation, ranging from smooth to more pronounced waveforms. This V2 version features several enhancements over its predecessor, including a smaller enclosure, expanded functionality for the side jack, improved tremolo response across all rates, and top-mounted jacks.

The pedal allows users to explore a wide range of tremolo sounds, from vintage tones reminiscent of Fender Brownface amps in Harmonic mode to unique, inspiring waveforms through combinations of rate, division, and shape controls. Its bypass switch also includes a momentary function for dynamic effect engagement.

2. SAFETY INFORMATION

- **Power Supply:** This pedal requires a 9VDC, center-negative power supply with a minimum current of 100mA. An isolated power supply is recommended for optimal performance and to prevent noise. Daisy-chain power supplies are not recommended.
- **Environment:** Do not expose the pedal to extreme temperatures, humidity, or direct sunlight. Keep away from water or other liquids.
- **Servicing:** Do not attempt to service the pedal yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

- Walrus Audio Monument V2 Tap Tremolo Pedal
- User Manual (this document)

Note: Power supply is not included and must be purchased separately.

4. CONTROLS AND CONNECTIONS



Image: Walrus Audio Monument V2 Tap Tremolo Pedal. This image displays the top-mounted controls and jacks of the pedal, featuring knobs for Rate, Depth, Shape, and Division, along with two footswitches.

4.1 Top Panel Controls

- **Rate Knob:** Controls the speed of the tremolo effect.
- **Depth Knob:** Adjusts the intensity or depth of the tremolo effect.
- **Shape Knob:** Selects the waveform of the tremolo. Options include Sine, Square, Ramp, Lumps, and Monument Mode (random).
- **Division Knob:** Sets the tap tempo subdivision to Quarter, Triplet, Eighth, or Sixteenth notes.
- **Bypass Footswitch:** Engages or disengages the tremolo effect. Also features a momentary function.
- **Tap/Momentary Footswitch:** Used for tap tempo input. Can also be used for momentary functions depending on context.

4.2 Side and Rear Panel Connections

- **Input Jack:** 1/4-inch audio input for your instrument or preceding effects.
- **Output Jack:** 1/4-inch audio output to your amplifier or subsequent effects.
- **9VDC Power Input:** Standard 2.1mm barrel jack for 9VDC center-negative power supply.
- **Side Jack (TRS):** Expanded capability for external tempo input or expression control over Rate, Depth, Shape, or Tap Multiplier. Assignable on the fly. Refer to operating instructions for details.

5. SETUP

1. **Power Connection:** Connect a 9VDC center-negative power supply (minimum 100mA) to the 9VDC power input jack on the pedal. Ensure the power supply is isolated for best performance.
2. **Audio Input:** Connect your guitar or the output of another effect pedal to the Monument V2's Input jack using a standard 1/4-inch instrument cable.
3. **Audio Output:** Connect the Monument V2's Output jack to your amplifier's input or the input of another effect pedal using a standard 1/4-inch instrument cable.
4. **External Control (Optional):** If using an external tempo switch or expression pedal, connect it to the Side Jack. Configure its function as described in the Operating Instructions.

6. OPERATING INSTRUCTIONS

6.1 Engaging the Effect

Press the **Bypass Footswitch** to toggle the tremolo effect on or off. When the effect is active, an indicator LED will illuminate.

6.2 Tremolo Modes

The Monument V2 offers two primary tremolo modes:

- **Standard Tremolo:** A classic volume modulation effect.
- **Harmonic Tremolo:** Inspired by vintage Fender Brownface amps, this mode modulates low-pass and high-pass versions of your signal 180 degrees out of phase, creating a warm, "chewy" tremolo sound.

The specific mode is often influenced by the Shape and Division settings, allowing for a wide range of tonal variations.

6.3 Adjusting Parameters

- **Rate:** Turn the Rate knob clockwise to increase the tremolo speed, and counter-clockwise to decrease it.
- **Depth:** Turn the Depth knob clockwise for a more intense, deeper tremolo, and counter-clockwise for a subtler effect.
- **Shape:** Rotate the Shape knob to cycle through different waveforms: Sine, Square, Ramp, Lumps, and Monument Mode (random). Each shape offers a distinct rhythmic feel to the tremolo.
- **Division:** Use the Division knob to select the rhythmic subdivision for tap tempo: Quarter, Triplet, Eighth, or Sixteenth notes.

6.4 Tap Tempo

Press the **Tap/Momentary Footswitch** two or more times in rhythm to set the tremolo rate. The pedal will synchronize to your tapped tempo, adjusted by the selected Division.

6.5 Momentary Functions

- **Bypass Switch Momentary:** When the effect is off, press and hold the Bypass Footswitch to temporarily activate the tremolo. Releasing the switch will turn the effect off.
- **Rate Ramp (Bypass Switch):** When the effect is on, press and hold the Bypass Footswitch to temporarily ramp up the tremolo rate. Releasing the switch will ramp the rate back down to its previous setting.

6.6 Side Jack Functionality

The Side Jack (TRS) can be configured for various external controls:

- **External Tap Tempo:** Connect an external tap tempo switch to control the tremolo rate remotely.
- **Expression Control:** Connect an expression pedal to control Rate, Depth, Shape, or Tap Multiplier. The specific parameter controlled can be assigned on the fly. Consult the full Walrus Audio manual or website for detailed assignment procedures.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Do not use abrasive cleaners or solvents.
- **Storage:** Store the pedal in a dry, cool environment away from direct sunlight when not in use for extended periods.
- **Cable Inspection:** Regularly inspect all cables for damage to ensure proper operation and safety.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound when pedal is engaged.	Incorrect power supply; faulty cables; pedal not receiving signal.	Verify power supply (9VDC, center-negative, 100mA min). Check all audio cables. Ensure guitar/previous pedal is sending a signal.
Unwanted noise or hum.	Non-isolated power supply; ground loop; faulty cables.	Use an isolated power supply. Try different power outlets. Replace cables.
Tap tempo not working.	Incorrect tapping rhythm; faulty footswitch.	Ensure at least two consistent taps. Check if the footswitch is physically damaged.
Side Jack external control not responding.	Incorrect cable type (TRS required for expression); incorrect assignment; incompatible external device.	Ensure a TRS cable is used for expression. Verify the external device is compatible. Check assignment settings (refer to Walrus Audio documentation).

9. SPECIFICATIONS

- **Model:** Monument V2 Tap Tremolo
- **Power Requirements:** 9VDC, Center Negative, 100mA minimum (Isolated power supply recommended)
- **Dimensions:** Approximately 4.77 x 2.9 x 2.3 inches (12.12 x 7.37 x 5.84 cm)
- **Weight:** Approximately 1.05 pounds (476 grams)
- **Hardware Interface:** 1/4-inch Audio Jacks
- **Signal Format:** Analog
- **Jacks:** Top-mounted audio jacks
- **Enclosure:** Smaller enclosure compared to V1
- **Side Jack:** Expanded capability for external tempo or expression control (Rate, Depth, Shape, Tap Multiplier)

- **Wave Shapes:** Sine, Square, Ramp, Lumps, Monument Mode (random)
- **Tap Tempo Divisions:** Quarter, Triplet, Eighth, Sixteenth

10. WARRANTY AND SUPPORT

Walrus Audio products are built with quality and care. For warranty information, product registration, or technical support, please visit the official Walrus Audio website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.

Walrus Audio Website: www.walrusaudio.com