



# WHITE WHALE JUNIOR

White Whale JR is an all analog, real spring reverb and tremolo pedal, compact enough for any pedalboard while delivering all the drippy, surf inspired tones you could ask for! The 3 spring reverb assembly is driven by a power amp with enough headroom and dynamic response to fully awaken the springs and deliver the splashiest sounds, while the tremolo circuit is inspired by the classic 60s tube amp tremolo sounds that defined countless records. From smooth, gentle pulses to deeper amp-style throb. A compact unit designed to bring the splash, movement and feel of vintage amp effects to any modern pedalboard.

## CONTROLS:

### REVERB

**dwell:** controls the strength of the signal that is going into the power amplifier that drives the spring tank assembly . Affects the “drip”, tonal quality and decay of the reverb effect. <sup>(1)</sup>

**tone:** controls the presence/brightness of the reverb effect.

**mix:** blends the amount of wet (reverb signal) into dry.

**volume:** set the master volume of the reverb section. Use it to match the bypassed signal or apply a musical boost on higher settings.

**reverb soft-click footswitch:** true bypass (via a high-quality relay) or engage the reverb effect.

### TREMOLO

**speed:** set the rate of the tremolo effect. We've extended this control's range beyond the standard amp style tremolo effects, from slower to faster to maximize your creativity.

**depth:** set the intensity of the tremolo effect.

**volume:** set the master volume of the tremolo section. Use it boost the signal if needed on higher depth settings.

**tremolo soft-click footswitch:** true bypass (via a high-quality relay) or engage the tremolo effect



#### **POWER-UP BYPASS STATE PRESET:**

On power-up both LEDs will blink and then go in bypass mode by default. Hold the footswitch(es) during power-up to change the default function to engaged (on state). Repeat the procedure above to restore the previous setting.

**⚡ Power supply:** Use an external (not included) 9V DC center negative, regulated / stabilized power supply. An isolated power supply output is recommended for best performance. Current consumption varies depending on input signal level and playing dynamics due to the real power amp driving the spring reverb assembly. Max idle current consumption 77mA, max current consumption at line level 110mA.

**Warning:** This unit was designed for 9V DC, center negative input only. We suggest using an isolated, high quality power supply, for proper operation.

**Do not use a higher voltage or reverse polarity power supply as it will cause malfunction and void warranty!**

#### **Notes:**

<sup>(1)</sup> Higher settings may produce clipping – overdriven reverb sounds

#### **Precautions:**

- This pedal features a real 3-spring reverb tank assembly with input and output transducers. For best performance, we strongly recommend placing the pedal away from strong vibration sources and magnetic fields like power transformers, power supplies etc to avoid unwanted feedback, noise and microphonic behaviour.
- The reverb tank assembly is attached to the bottom plate of the pedal. We strongly suggest not removing the bottom plate. However, if curiosity gets the better of you, please remove and secure the bottom plate with extreme caution. Do not remove, bend, cut or reverse the wires connecting the spring reverb tank assembly to the circuit board. Damaged, cut, disconnected or reversed wires may cause the reverb circuit to malfunction and void the warranty.

**Warranty:** **White Whale JR** comes with 5 years warranty for all internal parts from date of manufacture. We will provide service/repair at no cost within 5 years from date of manufacture - buyer is responsible for all shipping costs and customs fees/taxes that may apply. This warranty excludes normal cosmetic wear and damages done to the spring reverb tank or internal circuit due to misuse or improper handling.

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