

Sole-Mate Jr.

COMPONENT REVERB SYSTEM

by VanAmps

A LIMITED LIABILITY COMPANY

Reverb Effect Pedal

Owner's Manual

Preliminary copy

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PURCHASE.**

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**PLEASE READ THE FOLLOWING
PRECAUTIONS REGARDING THE
OPERATION OF THIS UNIT.**

- **NEVER ATTEMPT TO USE THIS DEVICE IN WET LOCATIONS.**
- **USE ONLY THE INCLUDED OR A CONSUMER APPROVED POWER SUPPLY WITH THIS UNIT.**
- **REFER ALL SERVICING TO QUALIFIED PERSONNEL.**
- **MAKE SURE THE GUITAR AMPLIFIER IS PROPERLY GROUNDED.**
- **MAKE SURE THE SOURCE INSTRUMENT IS PROPERLY GROUNDED.**
- **READ AND FOLLOW ALL OPERATING INSTRUCTIONS.**

Read on to get important and useful information to get the most out of your Sole-Mate Jr.

POWERING THE SOLE-MATE JR.

The Sole-Mate Jr. is powered by the included 12 volt AC power supply. The Sole-Mate Jr. does not have a battery power option. Using an adaptor with improper voltage and current ratings may destroy the unit and could void the warranty.

- A note to users of pedal power supply units, contact VanAmps if you have any concerns or questions regarding the power requirements of the Sole-Mate Jr. The Sole-Mate Jr. runs on 12 VAC, not DC, so make sure your unit supplies the correct voltage and a current rating of 300ma or more.
- There are many pedal power units on the market. Here is list of compatible power supplies:

Voodoo Lab's Pedal Power AC,
The T-Rex Fuel Tank, Classic and Chameleon
Pedalgear.net's Juice Box 3.
Burkey Flatliner Pro
Cioks AC Rider
Eagle FeedFX
G-Labs Sound Tech PS-1
Harley Benton Power Plant

- Vintage amplifiers with two-prong AC plugs should be properly changed to grounded three-prong type. Using an amp with a non-polarized two prong AC plug can lead to induced noise and "popping" when operating the reverb effect.

USING THE SOLE-MATE JR.

The Sole-Mate Jr. is a first of its kind, a spring reverb designed for pedal boards. It's component design allows the user to place just the control head of the system on the pedal board while the actual tank is located remotely, either under or at a short distance from the pedal board. The small head unit is normally attached to the pedal board with hook and loop methods commonly used on today's pedal boards. The spring tank can also be mounted via this method or with small screws utilizing the holes on the spring tank flange. Mount the spring tank with the open side toward the

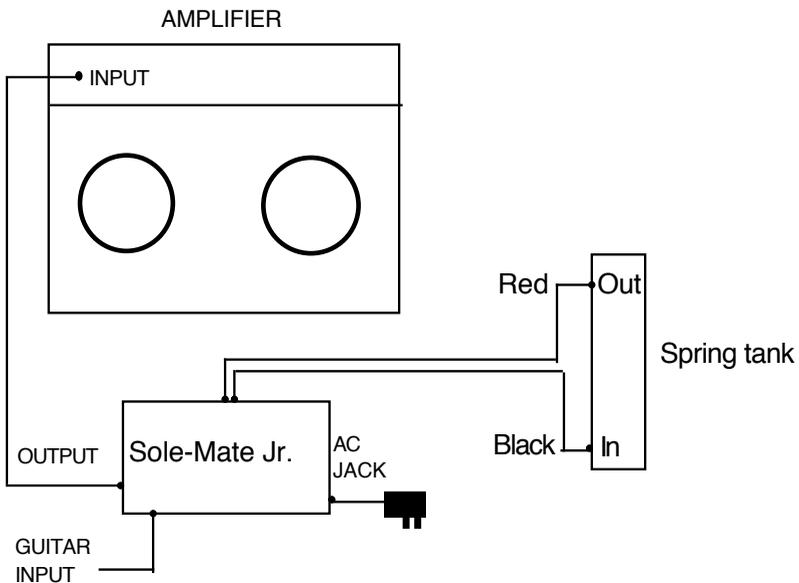
mounting surface to prevent damage to the springs. Connect the head unit to the spring tank with the attached RCA cables, plugging the RED plug into the OUT jack on the tank and plugging the BLACK plug into to IN jack on the tank.

*NOTE: Mounting the spring tank to a bare metal surface that is grounded, may result in a ground loop, insulate the tank from the mounting surface where possible

USING THE SOLE-MATE JR. WITH OTHER SPRING TANKS

Compatibility with other spring tanks depends on the input and output specifications of the tank. Tanks with an input impedance of 800 ohms (dc resistance= 58Ω) and an output impedance of 2575 ohms (dc resistance= 200Ω) should generally be compatible with the Sole-Mate Jr. Other conditions may prevent 100% compatibility. The Sole-Mate Jr. has one output on the left side panel and one input on the front panel. Connect the output of the Sole-Mate to your amplifier's guitar input and connect your guitar to the input of the Sole-Mate. When using other effect pedals in conjunction with the Sole-Mate Jr., connect them either before or after the Sole-Mate Jr. according to the instructions given for those devices.

HOOKUP DIAGRAM



SOLE-MATE JR. CONTROLS

REVERB IN/OUT SWITCH

This switch cuts and engages the reverb effect when pressed alternately; it does not turn the power to the unit on/off. The red LED indicates when the reverb effect is engaged.

DWELL - This controls the amount of gain the dry signal has that feeds the reverb circuit, i. e. how hard the springs in the reverb pan are driven. When first becoming familiar with the Sole-Mate's controls and how they affect the output, use small adjustments until the sound you are after is achieved. The Sole-Mate's dwell control is very responsive so using large changes in the controls range will prevent the user to hear the important subtleties that this control can contribute to the overall sound.

OUTPUT LEVEL - this controls the level of the signal derived from the reverb generating circuitry, which is then mixed with the dry signal from the guitar at the output of the Sole-Mate Jr. Here again, the user is urged to make small adjustments so that the full potential of each control is understood. This control along with the dwell control, the musician will discover an endless array of reverb effects, from a background shimmer to a fully drenched surf effect, it's there for you to discover.

- The Sole-Mate Jr. works with overdrive pedals too! Be aware that there can be much more gain going into the unit with an overdrive/boost pedal, start off at low safe settings on both controls.
- Keep in mind that guitars all have varying signal levels depending on the type of pickups, no two guitars will produce the same sound from the Sole-Mate Jr. given the same control settings on the unit.
- The input gain structure of the Sole-Mate Jr. was engineered so that it could accept a wide variety of instruments, full dwell settings could be too much for the Sole-Mate Jr. reverb circuitry in some cases where a high level signal is feeding the unit. In these cases just turn the dwell down, just as there will be some cases that the dwell

will have to be turned up quite a bit, to accommodate weaker signal levels. Your ears will tell you when to adjust the unit for optimal performance.

GENERAL PRECAUTIONS

The Sole-Mate Jr. is made for high impedance instrument sources, guitars, accordions, HI-Z microphones etc. Line level sources such as tape outputs and pre amp outs could potentially overdrive the inputs and cause damage. It is recommended that if attempting to use the Sole-Mate in this manner, make sure there is a gain control on the source device so that the output signal can be controlled before the Sole-Mate Jr. input.

Avoid leaving the power supply plugged into the power source while the power jack is unplugged, this will prevent the plug from shorting out on a metal surface or otherwise causing a heavy current drain on the power supply.

PARTS AND WARRANTY INFORMATION

The Sole-Mate Jr. is covered by a **ONE** (1) year limited warranty. VanAmps, LLC will repair or replace any unit deemed by us to have failed or proved to be defective under normal operating conditions. Warranty repairs will only be granted with pre authorization by VanAmps by calling (763) 529-1206 and obtaining a **RETURN AUTHORIZATION NUMBER**. The unit must be accompanied by a copy of the retailer's sales receipt issued at the time of purchase. If no receipt is available, the actual date of manufacture will determine warranty status. Owner is responsible for returning the unit insured to VanAmps. VanAmps will provide return shipping. Replacement parts are available direct from VanAmps.

The serial number is located on the bottom of the head unit.

SPECIFICATIONS

Operating voltage: 12VAC

Nominal Current: 125ma

Control Head dimensions: 7" X 3.625" X 1.375"

Reverb Spring tank: 9" three spring medium decay.