

Van Tassel Amplifiers thanks you for your purchase. Check us out on the Web at www.vanamps.com

Please read the following precautions regarding the operation of this unit.

- **Never attempt to use this device in wet locations.**
- **Use only the supplied AC power adaptor with this unit.**
- **Refer all servicing to qualified personnel.**
- **Make sure source instrument is properly grounded.**
- **Read and follow all operating instructions.**

The Reverbamate's unique design allows users of two channel amps or two input one channel amps to achieve a very classic tube reverb sound without the bulk and expense those units entail.

Read on to get important and useful information to get the most out of your Reverbamate.

First lets get familiar with the operation and controls of the Reverbamate.

Powering the Reverbamate

The Reverbamate is powered by two nine volt batteries or the included AC adaptor. The adaptor is a **12 volt AC/500 ma** power supply transformer, and is the only one that can be used with the Reverbamate. Many gigging musicians will order an extra at the time of purchase as a backup.

- Try this, put the dry signal into the normal channel, the reverb signal into the vibrato channel, the vibrato only affecting the reverb signal makes a very real sounding echo, which you can adjust in different ways. You can actually adjust the controls on both the amp(speed and intensity) and the Reverbamate to simulate decay, interval, etc. It's really wild!

One channel Hook-up

For those using a one channel two input amp, here are some tips to get the most from the Reverbamate.

- Adjust the amp for the desired direct sound first, then add the degree of Dwell depending on how "wet" you want the effect. Once you have those set, bring up the output level on the Reverbamate to match the strenght of the direct sound from the amp. Level matching of the two signals is the most important issue to be aware of. Don't expect the reverb signal to have that "in your face" impact that the direct signal has, using your volume control on your guitar to roll off the direct signal will help the reverb compete at the amp. Best advice is to experiment using all the controls at hand.
- This is more of a waring than a tip, but, don't try to Y-cable the two outputs from the Reverbamate into one input of the amp. You will get a horrible feedback loop that could smoke your amp speaker in a hurry.

General precautions

Although the Reverbamate is engineered to be stable within reason, it will "crash" when dropped, kicked, or thrown around. Please handle the unit as you would a fine microphone or other precision instrument. It is best to use the Reverbamate on a stable surface, away from the amp it is used with to prevent possible acoustic feedback.

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

Reverbamate delivers to the amplifier via the reverb output jack.

Using these two controls along with the controls on the amp, there is a wide variety of reverb sounds that can be achieved in the two channel hook-up configuration. Using the one channel hook-up configuration, there is still a lot you can do by adjusting the amp and the Reverbamate for the optimal effect so as to still get the desired guitar tone from the amp.

Here are some hot tips from the creator of the Reverbamate.

Two channel hook-up

- Try starting at a medium setting for both the Dwell and the Level controls, at about the 9 o'clock position for both. Set the amp's channel volume for the Reverbamate to that of the guitar channels volume. The tone controls vary on amps, some have just Tone, others have treble, mid, bass etc. with presence and all manner of other options. Here is the bottom line, there is little low frequency content in the reverb signal, so adding a lot of bass or low mid will not change the sound significantly. It will take the edge off the signal, make for a more rounded, subtle tone. You may even want to cut the bass back so that any hum from that channel is minimized, awarding the reverb signal with a clear unobtrusive sound stage. Remember, when using the Reverbamate in a two channel tube amp, you'll want to get all the goodness that tube channel has to offer, so let the amp do most of the amplifying of the signal, this will give the reverb a glossy sound great for blues and jazz. Just don't over do it.
- The Reverbamate works great with an overdrive pedal in front of it too! Be aware that there is a whole lot more gain going into the unit with a pedal, start off at low safe settings on both controls. Depending on whether you want reverberated distortion or just dry distortion, you can also put the pedal after the Reverbamate.
- Here is another cool thing you can do with an old vintage two channel amp. With the Reverbamate hooked up with the reverb output going into the normal channel and the guitar signal into the vibrato channel, switching the vibrato on with the gives a very wild sound due to the fact that the vibrato only affects the dry signal, so you get reverb on the dry signal without the vibrato effect.

- **Using any other adaptor can and will destroy the unit and of course void the warranty.**

It is best to plug the adaptor's mini jack into the unit before plugging it into the AC wall outlet. This eliminates any arcing that could occur if plugging into the mini jack after AC voltage is applied to the adaptor.

Battery operation automatically switches in when the unit is not operating on AC power. To turn the unit off when operating under battery power, unplug **both** plugs from the output jacks. These jacks double as switches to turn the batteries off. So, by glancing at the unit, one can instantly tell if the unit is on or off if the adaptor is not in use. When the AC adaptor is being used, unplugging the plugs from the outputs has no effect. The unit will still be on. Batteries do not have to be in the unit for the unit to operate on AC power. 9 volt Alkaline batteries are recommended. Batteries are not supplied with the Reverbamate. *Avoid switching from one power source to another when the amp volume is turned up, as there is a significant "pop" when the relay switches.*

The Reverbamate utilizes a small relay to accomplish the switching function. For maximum reliability, unplug the AC adaptor when the unit will not be in use for more than 4 hours or so. Just make sure the batteries are turned off also.(see above).

Under normal use conditions, one can expect the Reverbamate to operate under battery power for about 10 hours or more. It is also a good idea to carry fresh battery spares.

To install new batteries, turn the unit over and lay it on a cushioned surface, so as not to mess up its pretty face. Locate the six philips head screws holding on the bottom cover. Once these are removed, place the cover aside. The batteries are secured by spring clip holders. Remove the old batteries first, before attempting to remove the battery connector. Snap the battery connectors on the new battery then carefully slide the battery into the holders with the connector toward the inside and the leads up, starting with the edge of the battery first, this makes opening of the clips easier. The battery will pop into place. Take care not to stress nearby wiring. Replace the bottom cover.

Hooking up the Reverbamate

To use the Reverbamate you will need three guitar cables. Run one cable

There are some amps that use a parallel effects loop with level control, this would be a safe condition for the Reverbamate, as long as the levels were turned down as a starting point.

So whether you are a guitarist, accordianist, or blues harpist, or whatever, you are sure to find the Reverbamate something you can't live without. It's high quality construction, precision engineering and of course it's luscious reverb effect, is sure to inspire your music for years to come.

Warranty Information

The Reverbamate is covered by a **One (1) year limited warranty**. Vanamps 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. Owner is responsible for returning the unit insured to VanAmps. VanAmps will provide return shipping.

The Reverbamate's **serial number** can be located on the bottom of the unit and also stamped into the underside of the top near the batteries on the inside of the unit.

Reverbamate

by VanAmps

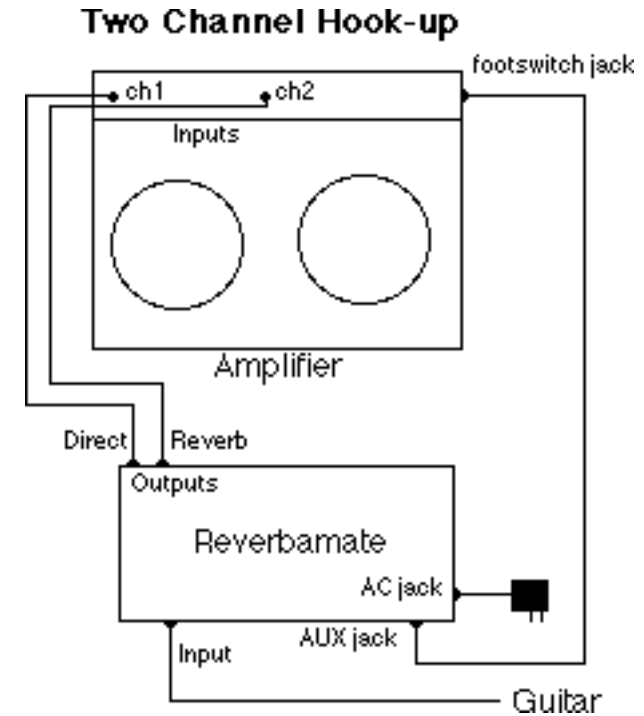
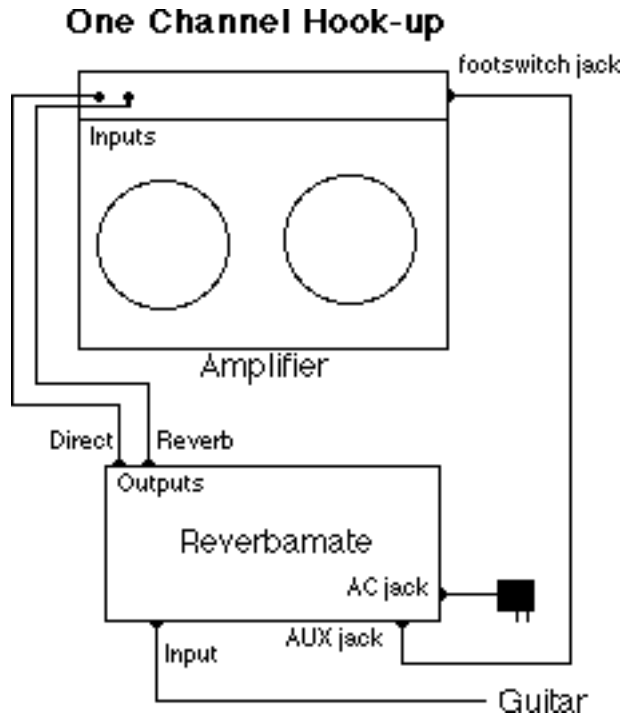
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from the guitar to the **input** of the Reverbamate. The other two are used to run from the **outputs** of the Reverbamate to the inputs of the amplifier. See diagrams below.

Operation

The Reverbamate has two outputs on it's back panel. With a two channel amp that has dedicated controls for both channels, one channel can be used for the Reverbamate's direct output and the other for the Reverbamate's reverb output. This combined with the controls on the Reverbamate makes it possible to tailor the sound of the reverb effect through the amp. When using a one channel amp with two inputs, use the controls on the Reverbamate to balance the reverb signal with the direct sound.



Reverb In/Out

The switch cuts the reverb effect, it does not turn the unit on/off.

AUX Jack

The AUX footswitch jack is there so that a user of a tremolo/vibrato or other grounding type switching function on the amp can be utilized without the need for yet another pedal. The Fender® vintage amp users will find this most useful. Owners using the Reverbamate on other makes of amps will need to find out if the function they want to switch is compatible with this type of switching. Some vintage amps have an RCA type jack for the tremolo switching, so use of a 1/4" female to RCA male audio adaptor is needed when using a standard guitar cord.

Reverbamate Controls

There are only two controls on the top panel of the Reverbamate.

Dwell- This controls the gain the dry signal has that feeds the reverb circuit, i. e. how hard the springs in the reverb pan are driven.

Output Level- This controls the level of the reverb signal that the