



Amplification for the Discriminating Musician™

Spring Thing® Tube Reverb

User Guide

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Thank You

We would first and foremost like to thank you for purchasing your amplifier from ValveTrain Amplification. Your selection means a great deal to us.

Just so you know where we stand on things...

We are committed to providing the most discriminating guitarists in the universe the best possible products in amplification.

We build a limited portfolio of hand wired amplifiers based off the most sought after circuits in history using the best parts available.

Getting Started

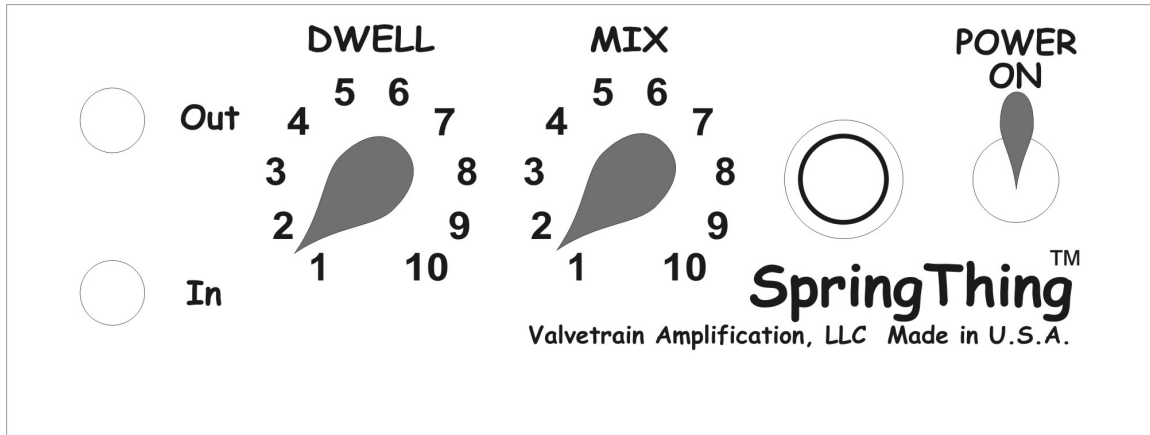
There are several things you should know to get started with your new amplifier.

- There are no user serviceable items inside the chassis of this amplifier. For your own safety contact us directly, or take it to a qualified technician.
- ValveTrain Amplification is not responsible for your safety when using this device. We give you these basics to protect you and well as ourselves.
- Use Common Sense.
- Do not use the amplifier, or leave it plugged in when it is exposed to liquids. (This includes rain, water, soft drinks and beer.)
- Do not change tubes or fuses without first unplugging the amplifier.
- Use the correct replacement fuse in the event that it needs to be changed.
- Tubes can get extremely hot when the amplifier is in use. Please keep your children away from them, along with anyone else. They will get severely burned if they come in contact with the tubes when the amplifier is in operation or recently powered off.
- Do not use the amplifier when it is near drapery, furnishings, paper or anything else flammable. The heat from the tubes may possibly cause them to ignite. Maintain at least 6 inches of space around the unit while it is in operation.
- Instrument amplifiers by nature are intended to get loud. Respect your hearing and the hearing of others. Permanent damage may result.
- This amplifier comes with a grounded power cord (3 prong). Do not alter this and always make sure the unit is connected to properly grounded power of the correct voltage. (United States 120VAC)
- Never run the amplifier without speaker(s) connected. You may cause major damage (not under warranty by the way) to the amplifier.

We've tried to do our part, you do yours...
Don't take chances.

Operating the SpringThing®

The control panel of the Spring Thing® looks like this:



It's really pretty simple to use...

The unit is designed to be versatile. The controls will allow for just a hint of ambiance all the way to downtown Surf City.

There are 2 voicing controls on the amp.

1. Dwell – Controls the overall delay (depth) of the reverb signal. This control sets the gain of the tube that drives the tank.
2. Mix – Controls the overall amount of reverb (wet) signal that is blended in with the basic (dry) guitar signal.

The other items on the control panel are:

1. In Jack – This takes an instrument or line level signal
2. Out Jack – This provides the blended signal to go to the amplifier.
3. Power Indicator Light
4. Main Power Switch

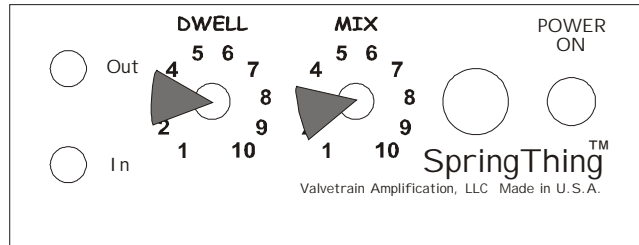
Items to Consider:

1. After activating the power switch, **WAIT AT LEAST 30 SECONDS**. The power tubes in this unit need a little time to warm up... You could shorten the life of the tubes by rushing things...

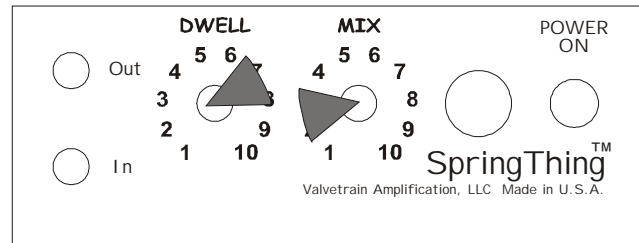
Under the back panel of the Spring Thing®, there is a jack for the remote foot switch (if desired). Always use a shielded (instrument) cable to connect the footswitch to the Spring Thing®.

Sample Settings

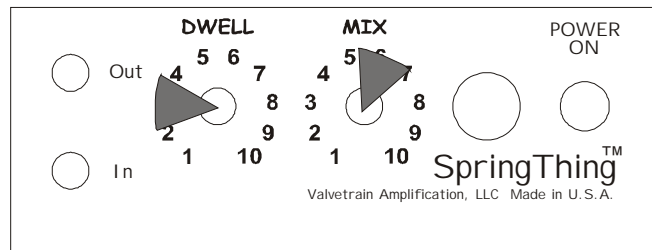
These are some ideas where to start... However, your mileage may vary...
We have found that running both controls above 7 at that same time may produce unpleasant results.



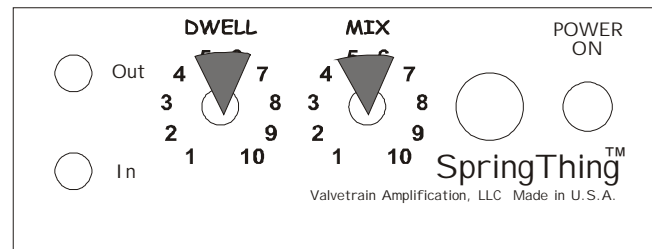
Ambiance



Church (Medium Room)



Cathedral (Large Room)



Surf City

Technical Info

Power Requirement:	120 Volts A.C. (Alternating Current) – Grounded Outlet
Tube Order:	Numbered 1 and 2 from RIGHT to LEFT as you look at the back of the unit.
Tubes:	Sovtek 12AX7WC – This tube is in position 1. 6V6GT – This tube is in position 2.

Warranty Information

Please be sure you understand the information on this page, we do our best, but we've got to have a few rules...

Our Warranty:

We stand behind our products. We warrant our products to the original purchaser for a period of 1 year from the date of purchase.

If you send us the registration card within 30 days of purchase (proof of purchase required), we will extend the warranty 1 additional year.

The warranty covers parts and labor for our workmanship and all components except transformers, tubes and speakers, which are covered for 60 days.

For warranty service, send us the amp and we'll fix it. You pay the shipping costs both ways.

If the amp has been modified, abused or repaired by someone else, the warranty is void.

Any abused or damaged items are not eligible for warranty claims.

Hardwood Cabinet Care

If your unit comes with one of our hardwood cabinets, the care of it is just what you would expect to do for a fine piece of hand-crafted furniture (because that's exactly what it is!!).

The finish on the cabinet is hand rubbed nitro-cellulose lacquer.

You can use paste waxes, spray waxes or any other top quality furniture polish. We also recommend the Fender Instrument Care kit from Meguiar's.

Use a soft cloth and follow the instructions on whatever product you choose.

We do recommend keeping any of these products away from the control panel. Getting wax in the switches and controls is not a good thing!!