



Amplification for the Discriminating Musician™

ValveTrain 535

User Guide

ValveTrain Amplification
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Table of Contents

Thank You.....	3
Getting Started.....	3
Operating The Amplifier.....	4
Technical Info.....	5
Tricks & Recommendations.....	6
Warranty Information	6

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.

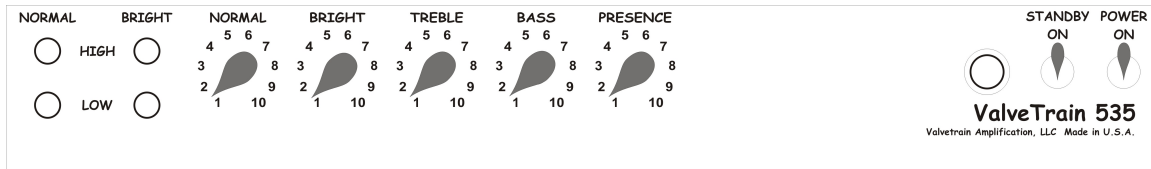
- There are no user serviceable items inside the chassis of this amplifier. For your own safety contact us directly, or take it to a qualified technician.
- ValveTrain Amplification is not responsible for your safety when using this device. We give you these basics to protect you as well as ourselves.
- 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 Amplifier

The control panel of the ValveTrain 535 looks like this:



It's really pretty simple to use...

Let's start from the way we're actually going to use the amp.

1. Make sure that both volume knobs marked Normal & Bright) are rotated to the left so that the pointer is below the number 3 on the dial (we prefer 1, but below 3 will do.)
2. For now, set the TREBLE and BASS controls around 5.
3. Set the Presence knob to 1
4. Make sure that the amp is plugged into a grounded outlet at 120 Volts A.C (Standard U.S. Electricity)
5. Make sure that the Standby switch is in the down (Standby) position.
6. Locate the main power switch labeled Power On.
7. After making sure that the Standby switch is in the unmarked position, turn the main power switch to ON. The pilot lamp should start to glow.
8. **WAIT AT LEAST 15 SECONDS.** The 6L6GC power tubes in this amp need a little time to warm up... You could shorten the life of the tubes by rushing things...
9. Plug your guitar cable into one of the input jacks on the left side of the control panel. (Any one will do, but you might as well start with NORMAL – High)
10. Next, turn the standby switch to the ON position.
11. The amplifier should be active at this point... so....
12. Rotate the NORMAL knob to the desired level of loudness and play...
13. To use the BRIGHT channel, plug your guitar cable into the jack marked BRIGHT High.
14. Rotate the BRIGHT knob control to the desired level of loudness and play...
15. Adjust the TREBLE, BASS and PRESENCE controls to suit your particular taste and style.

That's about it...

Technical Info

Power Requirement:	120 or 240 Volts A.C. (Alternating Current) – Grounded Outlet
Power Output:	Approximately 35 Watts R.M.S.
Tuber Order:	Numbered 1 through 6 from RIGHT to LEFT as you look at the back of the amplifier.
Preamp Tubes:	12AY7 This is located in position 1 12AX7 This is located in position 2. 12AX7 This is located in position 3.
	Acceptable Alternatives: Any 12AX7 variant, 5751, 12AY7
Power Tubes:	5881 Duet These tubes are located in positions 4 and 5.
Rectifier Tube:	5U4GB.
Speaker Load:	16 or 8 Ohms.
Speaker Outputs:	There are 2 Speaker jacks located on the underside of the chassis between Tubes #3 and #4. The jack closest to Tube #4 (one of the 6L6's) is rated at 8 Ohms. The 2 nd Jack is rated at 16 ohms. Do not run the amp with speaker loads above 16 Ohms or below 8 Ohms. Never operate the amplifier without speakers connected.
Speakers:	Eminence Ramrod 10" combined with an Eminence Red, White & Blues 12" Each speaker is rated for: 8 Ohms

Tricks & Recommendations

#1

Learn to use the Volume control on your guitar...

Back it down to cleanup the signal and get clean, shimmering tones.

Open it up to get the distortion that is normally associated with this amps forefather... (The Fender 5F4 Super Amp)

#2

Any Marshall fanatic will tell you that you can use a short jumper cord (shielded please), like the type used for connecting stop boxes, to connect the 2 channels together.

Plug your guitar into BRIGHT High and a short cable from BRIGHT Low to NORMAL High.

Play around with the volume controls some and see what you like. You can always reverse the setup by plugging the guitar into NORMAL High and setting the jumper between NORMAL Low and BRIGHT High.

#3

Enjoy!!

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.