


ITEM	OWNER'S MANUAL		
FOR	VALHALLA 2		
DESCRIPTION	CLASS A SINGLE ENDED TRIODE HEADAMP AND PREAMP		
MODEL NO	SCH-02-2	REVISION A	RANDOM NUMBER 110100001
NOTES	<p>VALHALLA IS THE HALL OF THE SLAIN IN NORSE LEGEND. VALHALLA 2 IS A HEADPHONE AMPLIFIER. AND A PREAMP. YEAH, WE KNOW. NO CONNECTION. YOU DON'T HAVE TO DIE TO GET INTO THIS VALHALLA. NOR DO YOU NEED A SECOND MORTGAGE. BUT NO, ODIN STILL IS NOT INCLUDED WITH THIS RELEASE.</p>		
 SCHITT			AUDIO COMPONENTS

WELCOME TO VALHALLA 2!

Valhalla 2 is the next generation of Valhalla, one of the world's most popular pure-tube headphone amps. It keeps all the triode goodness of Valhalla, and adds additional versatility with adjustable gain and preamp outputs. Use it with harder-to-drive headphones, IEMs, and as a tube preamp for your main system or powered monitors!

IN THE BOX

ONE Valhalla 2

ONE Set of tubes

ONE Power cord

FOUR Stick-on feet

SAFETY INSTRUCTIONS



The following is required by the roughly 9,542 government agencies and regulations we have to comply with. If you have some common sense, they should seem pretty straightforward. In any case, read these instructions before proceeding farther, follow all instructions, and heed all warnings. Or else!

1. If you don't know how to install audio devices, get a qualified professional to help.
2. Never use this device near water, and clean only with a dry cloth.
3. Assure adequate ventilation, do not block any ventilation openings, or place near heat sources.
4. Use only the supplied power cord or suitable replacement. Route cords away from traffic areas and protect them from being pinched. Unplug the cord from the outlet if the apparatus is unused for a long period of time.
5. To prevent electric shock, do not use the plug with an extension cord, receptacle, or outlet unless blades can be fully inserted.
6. Refer all servicing to qualified service personnel. Service is required when the device has been damaged, including cord or plug damage, liquid has been spilled or objects have fallen into the device, the device has been exposed to rain or moisture, does not operate normally, or has been dropped.

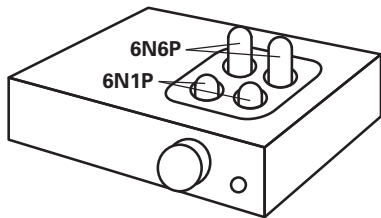


WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS DEVICE TO RAIN OR MOISTURE.

GETTING STARTED

CAUTION! Dangerous voltages inside. Follow all instructions carefully.

1. Before plugging in the amplifier, insert the tubes. Short tubes in the front, long tubes in the back—closest to the RCA jack.



2. Ensure tubes are well-seated. Align carefully and push down gently until seated.

3. Plug in your amplifier and turn it on. The tubes will glow after a few seconds, and the relay will connect the output after 20 seconds.

4. Connect your source. And enjoy your music!

TUBE REPLACEMENT

When it's time to replace the tubes, or when you want to "roll" tubes for a different sound signature, follow this procedure carefully:

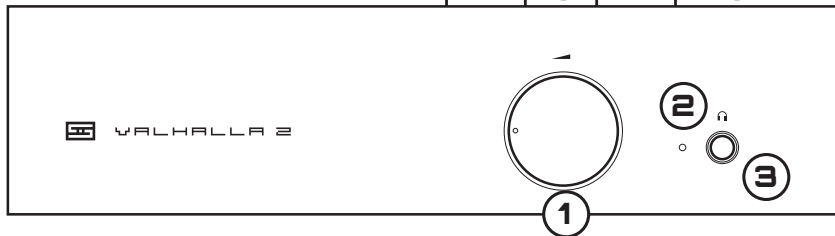
1. Turn off and unplug the amplifier. Wait a few minutes until the white LED on the front is completely off.

2. Carefully extract tubes by gently rocking them back and forth and pulling upwards. Yes, the short tubes are tough to get out. Have patience, or ask a friend with smaller hands to help you.

3. Carefully insert the replacement tubes: replace tubes with the same types (short = 6N1P, tall = 6N6P.) Align the pins to the sockets and press down gently until the tubes are seated. You may also "roll" the 6N1Ps for 6DJ8, 6BZ7, 6922, ECC88, or similar tubes.

4. Plug the amplifier back in and turn it on. After the tubes warm up, you should hear music.

FRONT CONTROLS



1 Volume Knob. Turn it to the right to make the music louder. Stop before the pain starts.

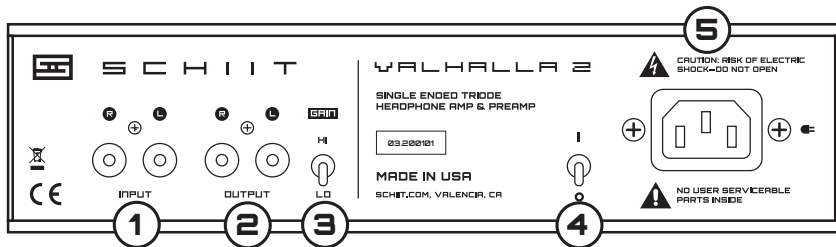
2 Power On LED. When this is lit, the power is on. When it's not lit ... well, you get the picture here.

3 Headphone Jack. This is where you plug your headphones in. Yeah. Unlike most Schiit amps, Valhalla's slow turn-on means we don't need a muting relay. In the case of IEMs, though, you may want to wait a minute for the amp to stabilize before plugging in.

4 Tubes. These guys get hot when in use, so this doesn't make a good cat bed. Nor a tortoise hibernarium. Let tubes cool down before extracting them from the amp, unless you need to eliminate your fingerprints for your next, uh, "job."

5 Top Surface. And yes, we know Valhalla 2 runs plenty hot. That's typical for tube amps. However, that does not mean it's a great burger cozy or coffee warmer.

REAR CONNECTIONS



1 RCA Inputs.

Connect to your music source here. You can even use fancy cables if you like.

2 Preamp Outputs.

Connect to powered monitors or a speaker amp. Preamp outs are muted on first turn-on and when headphones are plugged in.

3 Gain Switch. Up is high gain, for high impedance headphones. Low gain provides additional capability for low-impedance headphones.

3 On-Off Switch. Up is on. Down is off. For best tube life, turn it off when not in use.

4 AC Input. Plug the power cord in here. Plug the other end into an outlet of the correct voltage. Trying to run a 115V Valhalla on 230V will blow the fuse and generally make for a bad, bad day.

5 Disclaimer. No, seriously. Don't take this apart. Don't stick paperclips through the holes on the top or side. There are seriously dangerous voltages inside, and we don't want you meet you in the real Valhalla.

FAQ

I hear hum through the headphones, what do I do?

A small amount of hum is normal in many tube amps, especially with very sensitive headphones on hi gain. If the hum is excessive, you may have a ground loop. To fix a ground loop, try a GFCI outlet or a ground loop isolator.

How does Valhalla work with (insert tube type here)?

For the input tubes, feel free to swap with 6DJ8, 6BZ7, 6922, ECC88, and other similar tubes. The 6N6P tubes can be exchanged for 6H30Ns, but that's about it.

Can I leave Valhalla on all the time?

You can, but it will significantly shorten your tubes' effective lifespan (5,000 hours is about 200 days). For best life, we recommend you turn the amplifier off when you're not going to use it for more than an hour.

Are the preamp outs a "real" preamp, or just a pass-thru?

It's a real preamp, run through the tube gain stage.

It doesn't turn on, what do I do?

Plug it in to a different AC socket. Ensure you are not currently in a blackout. Email us if it still doesn't turn on.

SPECS

Frequency Response:

20Hz-20KHz, -0.1db

5Hz-150KHz, -3db

Max Power, 50 ohms: 180mW

Max Power, 300 ohms: 700mW

Max Power, 600 ohms: 380mW

THD: <0.04% 20-20KHz, at 1V RMS,
Hi gain (worst case)

IMD: <0.05%, CCIR at 1V RMS (Hi)

SNR: >97db, unweighted,
ref 1V RMS, in lo gain mode

Crosstalk: <-71dB, 20Hz-20KHz

Gain: Hi = 7 (15.6db) or Lo = 1.5 (3.5db)

Output Impedance: 3.5 ohms (Lo),
14 ohms (Hi)

Power Consumption: 30W

Size: 9 x 6 x 3.25"

Weight: 6 lbs

5-YEAR WARRANTY

Schiit Audio warrants to the original purchaser that the product shall be free from defects in material and workmanship for five (5) years from the date of purchase. Exceptions: Tubes. Tubes are covered by a 90-day limited warranty with the same terms. If a defect covered by this warranty occurs during this warranty period, Schiit Audio will repair the defective product, free of charge. Date of purchase will be based on customer-submitted receipts, otherwise date of manufacturing will be used to determine warranty period.

If you believe you need warranty service, CONTACT US first. There may be a simple solution to your problem. Schiit Audio products sent back to us without a RETURN AUTHORIZATION (RA) will be returned to the sender without repair. To contact us and obtain an RA, email support@schiiit.com. We will respond quickly to either phone or email messages.



WARRANTY LIMITATIONS

THIS WARRANTY SHALL NOT APPLY IF THIS PRODUCT: (a) IS MODIFIED OR TAMPERED WITH; (b) IS DAMAGED BY NEGLIGENCE, ACCIDENT, UNREASONABLE USE, COFFEE, OR BY OTHER CAUSES UNRELATED TO DEFECTIVE MATERIALS OR WORKMANSHIP; OR (c) HAS HAD THE SERIAL NUMBER ALTERED, DEFACED OR REMOVED.

ANY APPLICABLE IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED IN DURATION TO THE WARRANTY PERIOD (5 YEARS). IN NO EVENT SHALL SCHIIT AUDIO BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM THE BREACH OF ANY IMPLIED OR EXPRESS WARRANTIES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSION OF CONSEQUENTIAL OR INCIDENTAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state or province to province.

Contact us at: Schiit Audio, 24900 Anza Drive, Suite A, Valencia, CA 91355 USA, info@schiiit.com

ITEM	OWNER'S MANUAL BACK COVER	
	GRAPHIC FOR THE BACK COVER OF THE MANUAL	
NOTES	<p>YES, ALL SCHITT PRODUCTS ARE MADE IN THE USA. YES, PRIMARILY OF US-SOURCED COMPONENTS. YES, IT'S PRONOUNCED EXACTLY LIKE YOU THINK.</p> <p>  Application for Council Directives 72/23/EEC Conformity declared for EN60065, EN50082-1 </p>	
 S C H I T T		HAPPENS