


ITEM	OWNER'S MANUAL		
FOR	LYR 2		
DESCRIPTION	HIGH POWER HYBRID DYNAMICALLY ADAPTIVE HEADAMP AND PREAMP		
MODEL NO	SCH-03-2	REVISION A	RANDOM NUMBER 110110001
NOTES	<p>IN NORSE MYTHOLOODY, LYR IS MENGLAD'S HALL IN JOTUNHEIM. LYR 2 IS THE SECOND GENERATION OF LYR. BOTH ARE GIANTS IN THEIR OWN RIGHT. BUYING LYR 2 WON'T GET YOU AN IN WITH ODIN. AND NO, IT WON'T GET YOU INTO VALHALLA, EITHER. YEAH, WE KNOW, CHEAP SCHIIT BASTARDS. BUT WHAT CAN YOU DO?</p>		
 SCHIIT		AUDIO COMPONENTS	



WELCOME TO LYR 2!

Lyr 2 is the second generation of Lyr, one of the most popular hybrid headphone amps. It's a very different amplifier, though, featuring more flexibility and lower noise. Hell, you can even use it with many IEMs now. Not that putting 6W into IEMs is a really good idea, but hey, different strokes and all that.

IN THE BOX

ONE Lyr 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.



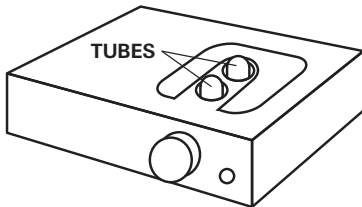
WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS DEVICE TO RAIN OR MOISTURE.



GETTING STARTED

CAUTION! Dangerous voltages inside.
Follow all instructions carefully.

1. **Before plugging in the amplifier, insert the tubes.** They're both the same, so it doesn't matter where they go.



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 SWAPPING

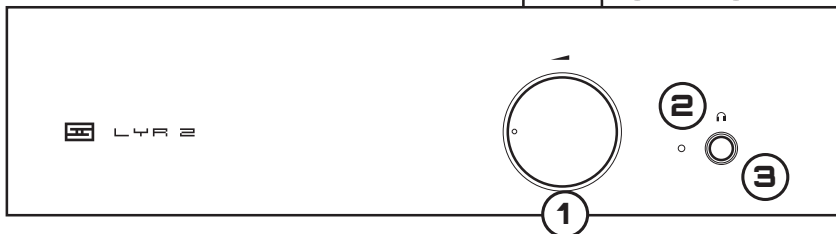
Lyr 2 accommodates any 6DJ8, 6922, ECC88, 6N23P, 6BZ7, and 6N1P tube types, so feel free to swap the stock tubes to "tune" the overall sound signature to your needs.

To swap tubes:

1. **Turn off and unplug the amplifier.** Wait a few minutes for the tubes to cool.
2. **Carefully extract tubes** by gently rocking them back and forth and pulling upwards. Yes, we know it's a pain in the kiester. Have patience, or ask a friend with small hands to help.
3. **Carefully insert the replacement tubes.** Align the pins to the sockets and press down gently until the tubes are seated.
4. **Plug the amplifier back in and turn it on.** After the tubes warm up, you should hear music.

Follow this same procedure when replacing tubes that are worn out from use. Tubes last about 5,000 hours typically.

FRONT CONTROLS



1 Volume Knob. Turn it to the right to make the music louder. Stop before smoke comes out of your cans. Seriously.

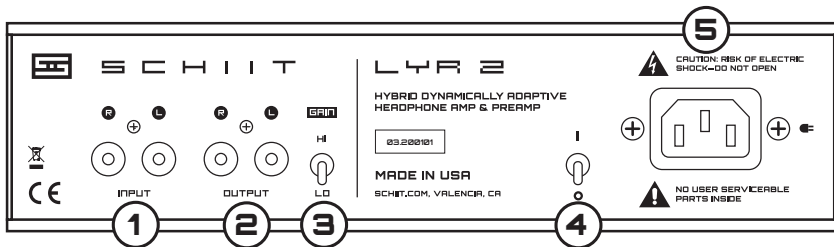
2 Power On LED. When this is lit, the power is on. When it's not lit ... well, you get the picture here.

3 Headphone Jack. This is where you plug your headphones in. It is very difficult to get satisfactory results without using headphones. Output is delayed for 20 seconds after turn-on, so don't crank the volume up before then.

4 Tubes. These guys get hot when in use, so we don't think it's a great idea to let your ferret sleep on them. Let tubes cool down before extracting them from the amp, unless you want to lose your fingerprints for a while.

5 Top Surface. And yes, we know Lyr 2 runs plenty hot. Lyr is not recommended as a coffee warmer or barbecue.

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 hard-to-drive, inefficient headphones. Low provides lower gain and lower noise for efficient headphones.

3 On-Off Switch. Up is on. Down is off. For best tube life, turn Lyr off when you're not using it for a while.

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 Lyr 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 to die.



FAQ

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

You may have a ground loop. To fix a ground loop, try a GFCI outlet or a ground loop isolator. If it's low-level hum and noise, you can use Lo gain to reduce it. If it's on IEMs, they may be too sensitive for Lyr. And, ask yourself...do I want to send 6 watts into my ear canals?

There's no sound for a while after I turn Lyr on. What's up?

That's perfectly normal. Lyr delays the headphone output for 20 seconds after you first turn the amp on.

Can I leave Lyr on all the time?

You can, but it shortens tube lifespan (5,000 hrs is only about 200 days).

Can I power speakers with Lyr?

That's not a great idea—speakers require more current than headphones, and you may trigger Lyr's internal protection.

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. Then email us if it still doesn't work.

SPECS

Frequency Response:

20Hz-20Khz, -0.1db

1Hz-300KHz, -3dB

Max Power, 32 ohms: 6.0W

Max Power, 50 ohms: 4.0W

Max Power, 300 ohms: 660mW

Max Power, 600 ohms: 330mW

THD: <0.01% 20-20KHz, at 1V RMS, Hi gain (worst case)

IMD: <0.01%, CCIR at 1V RMS (Hi)

SNR: >95db, unweighted, ref 1V RMS, in Lo gain mode

Crosstalk: <-65dB, 20Hz-20KHz

Gain: Hi = 10 (20db) or Lo = 1.5 (3.5db)

Output Impedance: 0.4 ohms (Lo), 1.5 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.



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

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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 I T	HAPPENS

