


ITEM	OWNER'S MANUAL		
FOR	LYR		
DESCRIPTION	HIGH POWER HYBRID DYNAMICALLY ADAPTIVE HEADPHONE AMPLIFIER		
MODEL NO	SCH-03	REVISION C	RANDOM NUMBER 110110000
NOTES	<p>LYR IS MENGLAD'S HALL IN JOTUNHEIM IN NORSE LEGEND.  AND JOTUNHEIM IS THE LAND OF THE GIANTS.  DON'T GET FREAKED, BUT MENGLAD IS A WOMAN.  SHE MAY EVEN BE FREYA OR FRIGGA.  BUT DON'T THINK THAT'LL GET YOU AN IN WITH ODIN.  IN FACT, WE'D SAY HITTING ON HER IS A BAD IDEA.  JUST ENJOY YOUR TIME IN LYR.</p>		
 SCHITT			HEADPHONE AMPLIFIERS

## WELCOME TO LYR!

Lyr is a magnificent hall in Jotunheim, land of the giants, presided over by Menglad, the goddess of healing. Or she might be Freya, the goddess of fertility. Or even Odin's wife. But hey, let's get off the hot giant-woman frequency. We're here to talk about Lyr, a giant itself in the field of headphone amps.

## 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.**

## IN THE BOX

**ONE**

Lyr headphone amp

**ONE**

Set of tubes

**ONE**

Power cord

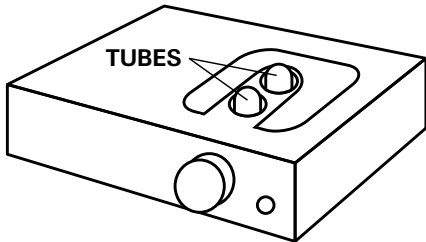
**FOUR**

Stick-on feet

## 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 should begin glowing 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 accomodates 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.

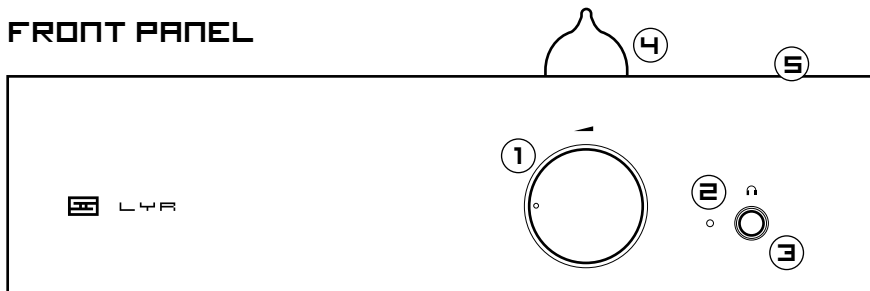
2. **Carefully extract tubes** by gently rocking them back and forth and pulling upwards. Yes, we know it's a pain in the kiester. Have patience, or ask a friend with small hands to help.

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 PANEL



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

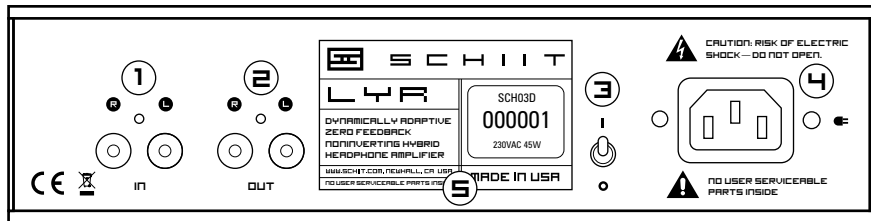
**2 Power On LED.** When this is lit, the power is on. When it's not lit ... well, you get the picture here.

**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 you turn the Lyr on, so don't crank the volume up looking for output before then.

**4 Tubes.** These guys get hot when in use, so we don't recommend letting 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 runs plenty hot, even though we told you it runs slightly cooler than Asgard. Please look up the word "slightly" if you are confused. Lyr is not recommended as a coffee warmer or barbecue.

## BACK PANEL



### 1 RCA Inputs.

Connect to your music source here. You can even use a fancy audiophile cable if you like.

### 2 Preamp Outputs.

Lyr can be used as a high-quality preamp. Please note that the preamp outputs are

not muted—turn Lyr on at least 20 seconds before turning on your power amp, and turn your amp off before you turn off your Lyr.

**3 On-Off Switch.** Up is on. Down is off. For best tube life, turn Lyr off when you're not going to use it for an hour or two.

**4 AC Input.** Plug the power cord in here. Plug the other end into a wall outlet of the correct voltage. Trying to run a 115V unit on 230V will result in a blown fuse, no music, and a void warranty.

**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.

### **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 = 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.

### **Internal protection? What?**

Lyr has internal protection for overcurrent conditions. If the music stops, turn off Lyr and let it cool down for an hour or so. It should turn back on and work normally after that.

### **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 call us if it still doesn't turn on.

## SPECS

### **Headphone Impedance:**

8-600 ohms

### **Frequency Response:**

2Hz-200KHz, -3dB

### **Maximum Output:**

40V P-P into 32 ohms.

### **THD:**

Less than 0.1%,  
20Hz-20KHz, at 1V

### **Topology:**

Dynamically Adaptive,  
DC coupled, zero  
feedback, noninverting

### **Power Consumption:**

30W

### **Size:**

9 x 6.75 x 3.25"

### **Weight:**

7 lbs

## 5-YEAR LIMITED 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, call (323) 230-0079 or email [support@schiiit.com](mailto: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, 22508 Market Street, Newhall CA 91321 USA, (323) 230-0079, [info@schiiit.com](mailto:info@schiiit.com)

ITEM	OWNER'S MANUAL BACK COVER	
DESCRIPTION	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.  NO, WE'RE NOT ON FACEBOOK.  NO, WE'RE NOT ON YOUTUBE.  NO, WE'RE NOT ON TWITTER.  AND YES, WE ARE ENGINEERS.</p> <p>  Application for Council Directives 72/23/EEC  Conformity declared for EN60065, EN50082-1 </p>	
		S C H I T
		IT HAPPENS.