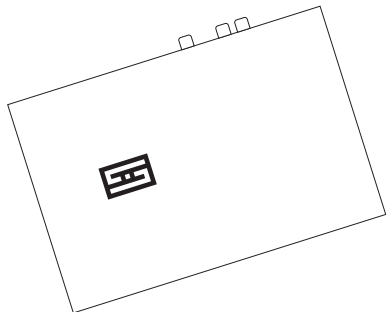




EIFROST 3

FORKBEARD-ENABLED
MODULAR DAC

INTRODUCTION

Is Bifrost 3 a desktop Yggdrasil? That's up to you to decide. It is a highly capable, extremely modular DAC with an advanced Mesh™ architecture that's kinda-sorta like the Yggdrasil Singular's topology. And it measures about the same as the Yggdrasil More is Better. Aaaaand it is also fully Forkbeard enabled, which means that it's a complete parametric EQ, as well as a preamp with volume and balance, and it integrates seamlessly with all of our other Forkbeard products for unparalleled control, visualization, and understanding of your system. Best DAC ever? Maybe!



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.



1 Input Select

Press to cycle through USB, optical, and coaxial inputs. Press and hold to enable or disable NOS (non-oversampled) mode.

Note: in NOS mode, the selected input will slowly pulse.

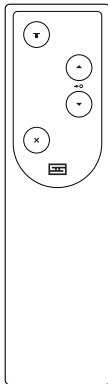
2 Input LEDs

From left to right, these icons indicate the USB, optical, and coaxial inputs.

3 Change Indicator

This icon lights up when you have made a change to the digital data, such as adjusting volume or applying EQ via Forkbeard.

Note: it slowly pulses if you have selected phase invert.

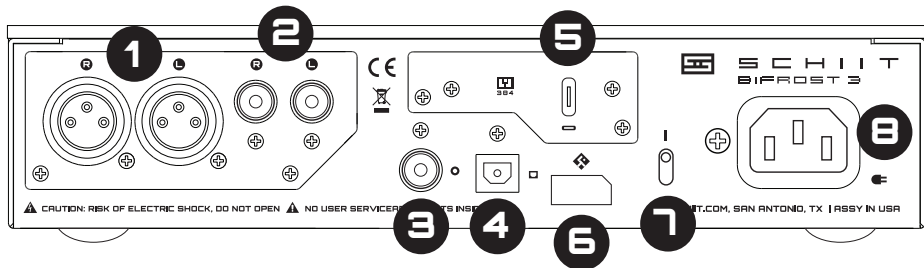


REMOTE CONTROL

Forkbeard makes Bifrost a full preamp, but we also provide a remote to cycle through inputs and mute or invert the output.

Changing the Battery

1. Push the remote open by inserting the end of an open paper clip into the hole in the back and pressing firmly.
3. Replace the battery inside with one of the same type.
4. Reassemble the remote by first inserting the clear LED in the front, then dropping the panel down onto the matching magnets.



1 XLR Outputs

Connect to a preamp or amp with XLR cables.

2 RCA Outputs

Connect to a preamp or amp with RCA cables.

Note: Both RCA and XLR outputs are active all the time.

3 Coaxial Input

Connect to a digital source with coaxial output using a coaxial cable.

4 Optical Input

Connect to a digital source with Toslink output using a Toslink cable.

5 USB Input. Connect to a computer or streamer using a minimum USB 2.0-rated cable, 2m or less in length.

6 Forkbeard Port

Plug in a Forkbeard module here for parametric EQ, volume, balance, loudness, and more. See full Forkbeard capabilities and get app download links at schiit.com/forkbeard

7 Power Switch

Up for music, down for silence. You get the picture.

8 Power Inlet

Connect the power cord here, or #7 won't work. Don't connect a 115VAC Bifrost to a 230V power source, or you'll blow the fuse.

I don't get any sound.

If you're using USB, ensure that you've selected Bifrost 3 as the output device. Some player software has its own selection independent from the OS.

I have an old computer, how do I get drivers?

In short, you don't. Our USB is fully UAC2 compliant. All modern OSes, mobile, open-source, desktop or otherwise, support UAC2. There are no drivers necessary.

I hear hum. What do I do?

Bifrost's noise floor is insanely low, so it's most likely a ground loop. To fix a ground loop, try a safe AC ground lifter or ground loop isolator.

Hey, this thing clicks between songs/between inputs/etc!

Yes, it can do that, depending on how the player software handles sample rate changes and digital mute.

Care to explain why, smartass?

Sure. That's the muting relay engaging when there's no input. We went with a muting relay because it's the best way to ensure there are no clicks or pops when the input is unlocked.

The input LED is slowly fading in and out.

That means that Bifrost is in NOS (non-oversampled) mode. Press and hold the input button for 2 seconds, then release it to go into standard mode. You also have full control of all functions and more via Forkbeard, which also shows operating mode.

How do I update?

Firmware updates are done via Forkbeard. A notification will appear in the app for over-the-air updates.

How about upgrades?

If and when we have meaningful upgrades to the analog or input cards, we will alert Bifrost 3 owners. The easiest way to ensure you get these alerts is to sign up to our SPAM list at schiit.com. Don't be afraid, we don't email much, really only once a month. And no, we don't do upgrades once a month. Bifrost 2 only had one significant upgrade in its entire 6-year life; you're not on a DAC-of-the-month program here.

I have old Bifrost 2 cards. Can I use them in Bifrost 3?

Yes. Bifrost 2 cards plug into Bifrost 3 and work fine. So you can use an older analog card, such as the original Bifrost 2 AD5891 card or Bifrost 2/64 DAC8812 card.

Can I leave Bifrost 3 on all the time?

Sure, if you want to. It won't hurt anything.

Hey, this thing runs fairly warm.

Yes, and we have made things that run much warmer and are still working fine 15+ years later. If we didn't think Bifrost 3 would last at least 10 years, even if continuously on, we wouldn't have provided a 5 year warranty. That's how engineers think. Crazy, we know.

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 turn on.

IN THE BOX

- (1) Bifrost 3
- (1) Power Cord
- (1) Forkbeard Module
(if you ordered it)
- (Various) Stickers and stuff
- (Infinite) Appreciation from
the Schiit crew in San Antonio
& Corpus Christi, TX



This product is in compliance with standards and regulations of the European Community.



FORKBEARD
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WARRANTY

Schiit Audio warrants to the original purchaser that this product shall be free from defects in material and workmanship for five (5) years from the date of purchase. If a defect covered by this warranty occurs during this period, Schiit Audio will repair the defective product, free of charge. Date of purchase will be based on customer receipts, otherwise date of manufacturing will be used.

If you believe you need warranty service, contact us first. 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 info@schitt.com.

Warranty Limitations. This warranty shall not apply if a product: (a) is modified or tampered with; (b) is damaged by negligence, accident, unreasonable use, or other causes unrelated to defective materials or workmanship, or (c) has had the serial number altered or removed.

Any implied warranties, including warranties of merchantability and fitness for a particular purpose, are hereby limited in duration to the warranty period of 5 years. In no event shall Schiit Audio be liable for consequential or incidental damages resulting from the breach of any implied or expressed warranties. Some states do not allow these limitations, so they may not apply to you. You may also have other rights which vary from state to state or province to province.

SCHITT.COM
INFO@SCHITT.COM

