



Satyr 2 (DIY HiFi Headphones)



Capra-Audio

[VIEW IN BROWSER](#)

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Summary

High-End, Audiophile-grade, 3D printable open back headphones.

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Tags: [headphone](#) [headphones](#) [audiophile](#) [hifi](#)

Capra Audio

The Satyr 2 presents a sound profile that is a delicate balance of clarity and warmth. It leans toward a mid-forward and neutral signature, allowing vocals and instruments to truly shine and take center stage. There's a subtle but noticeable boost in the bass, giving the low-end a satisfying fullness without being overpowering. This is then followed by a gentle roll-off in the sub-bass frequencies, a characteristic often found in open-back headphones, which contributes to its airy and spacious soundstage.

Video Tutorial

Self sourced BOM Affiliate Links:

[2x 50mm Peerless Drivers](#)

[12x FHSC M3x6 Bolts](#)

8x BHSC M3x6 Bolts
14x M3x5 Heat-set Inserts
10 Micron Nylon Mesh
3.5mm or MiniXLR Connectors

Geekria Pads (Cheapest)

Stock Sennheiser HD600 pads (Best Sounding)

ZMF HD600 Pads (Most Comfortable)

Additional Affiliate Links if you want to support us further:

Polymaker 95a TPU

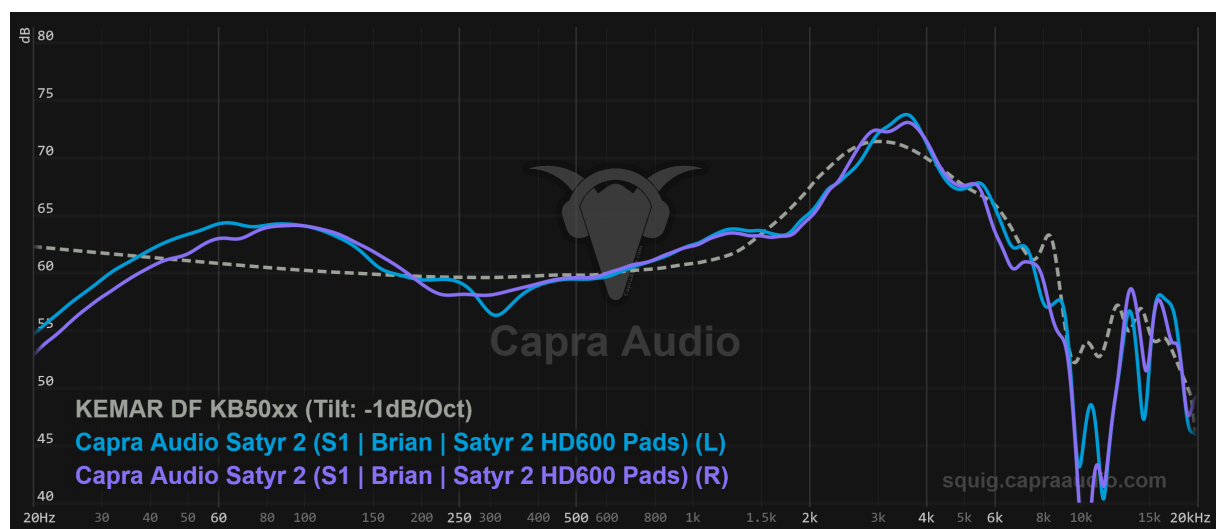
Polymaker PLA Pro

Polymaker PETG

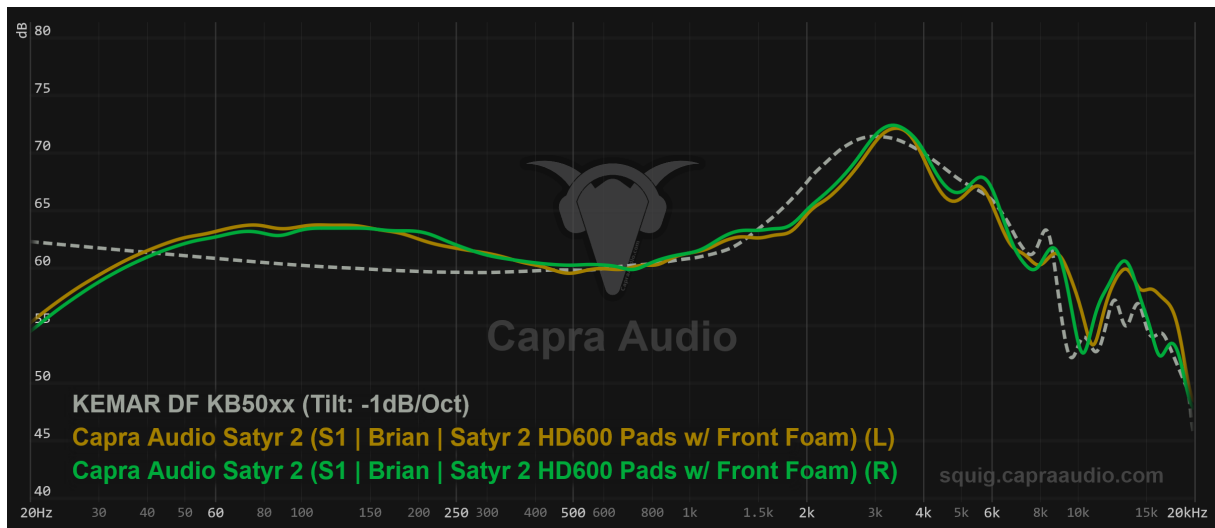
<https://www.youtube.com/watch?v=FvMG4bv3ijQ>

Place a piece of 10micron nylon mesh in in front of the baffle before applying the pads, make sure its nice and tight. Use 4 m3x6 FHSC bolts and 4 m3x5 heat-set inserts to affix the Baffle Frame to the Rear Housing. Use 4 m3x6 bhsc bolts to affix the driver to the 50mm baffle assembly. Use Stock HD600 pads for the best sound. (ZMF perforated leather pads are a nice alternative if the senn pads are out of stock).

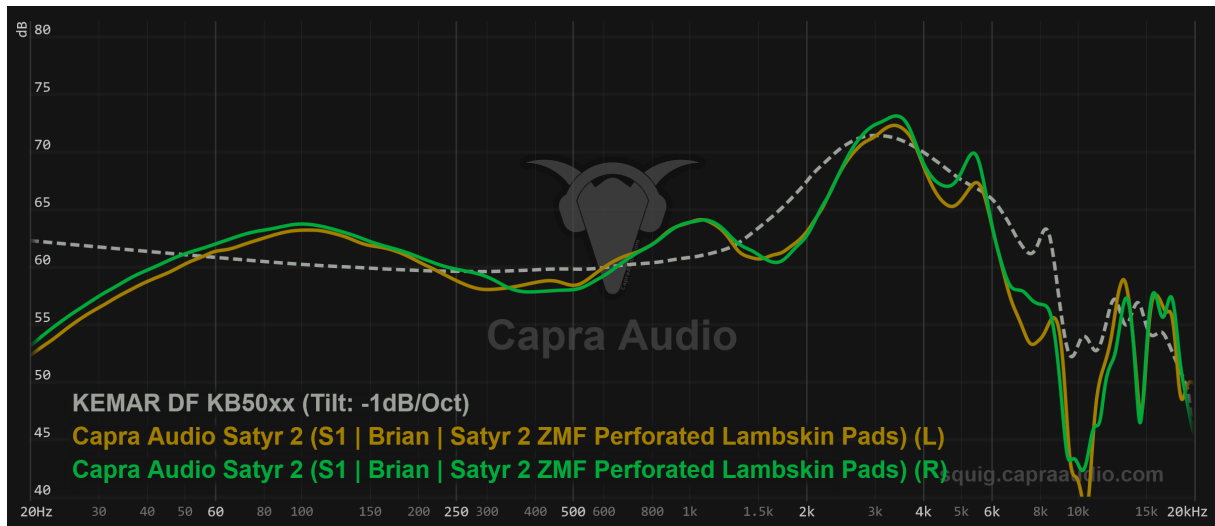
The Headband files can be found [here](#).



Compare against other headphones: [Squig.Link](#)



Compare against other headphones: [Squig.Link](https://www.squig.link)



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Model files



New 3.5mm (more screws)

4 files



satyr-2-rear-housing-right.3mf



satyr-2-yoke-left.3mf



satyr-2-yoke-right.3mf



satyr-2-housing-left.3mf



Mini XLR

2 files



rear-cup-l.stl



rear-cup-r.stl



3.5mm

2 files



rear-cup-35mm-r.stl



rear-cup-35mm-l.stl



baffle-frame.stl



50mm-baffle.stl



yoke-r.stl

☐ Use an M3x10 FHSC screw to affix to the Adjustment Arm(Insert)



yoke-l.stl

☐ Use an M3x10 FHSC screw to affix to the Adjustment Arm(Insert)

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- ✗ | Meets Open Definition

