



Aavik U Series Combines Amplifier and DAC Instruction Manual

[Home](#) » [Aavik](#) » Aavik U Series Combines Amplifier and DAC Instruction Manual 



PRODUCTNEWS
Aaviks new U-Series

Contents

- [1 U Series Combines Amplifier and DAC](#)
- [2 Documents / Resources](#)
 - [2.1 References](#)

U Series Combines Amplifier and DAC

Aaviks Acoustics combines amplifier and DAC

Aaviks has combined the I-Series amplifier and D-Series DAC in a single enclosure, responding to the desire of audio enthusiasts to minimize the space required for separate audio components without sacrificing the best possible sound quality.



ARTIKEL



Silvan Karrer



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Drucker

Aaviks Acoustics is one of the three brands belonging to Audio Group Denmark. Ansul Acoustics and Breen Acoustics products complete the full range of this Danish high-end company, which successfully distributes its products worldwide. Alaska Audio Fidelity in Fehraltorf distributes the products of Audio Group Denmark exclusively in Switzerland and Liechtenstein.

Now Aaviks Acoustics has expanded its successful series of separate audio components, the Aaviks amplifiers I-180 / 280 / 580 and the DAC D-180 / 280 / 580 with the new U series, U-180, 280 and 580. The U-Series is combining both components in one housing. With this, Aaviks has responded to the desire of high-end audio enthusiasts who want to minimize the space required for separate audio components, without compromising the ultimate quality of high-end music reproduction.

Aaviks new U-Series has the same DNA as Aaviks I- and D-Series of single components. According to Aaviks, the new U Series is also equipped with the identical advanced electrotechnical and electronic components and is made from the same innovative materials. The cabinet, for example, is made of organic composite material, which Aaviks Acoustics says has sonic advantages and offers many design possibilities – as well as visually conveying the modern Aaviks look. **(Quelle: YouTube)**

The U-580 model represents the flagship of the U-series. With the large cross inlay in the top plate, the U-580 is easily recognizable. The cross is made of titanium and, according to Aavik, serves as a resonance control element that should add a warm and natural sound to the listening experience.



The top model U-580 with the titanium cross for resonance optimization. Unique selling point is the huge red dot matrix display of all current Aaviks components.

According to Aaviks, what also elevates the 580 series units to a higher level of performance is their internal chassis, which is made of solid copper. According to the manufacturer, this further reduces hysteresis and gives the music more energy and power.

This premium series is also equipped with additional noise reduction components, such as Tesla coils and dither circuits. According to Aaviks, these innovative and Aaviks-exclusive technologies were developed to pave the way for unrestricted, optimized signal flow.

The top-model U-580 back view with all its connectors.



The top-model U-580 back view with all its connectors.

As with Aaviks previous amplifiers, DACs, and streamers, the U-180, U-280 and U-580 differ primarily in terms of the number of active Tesla coils used, the active square Tesla coils and the dither circuits. All three U models produce a stable 600 watts into 4 ohms, which, according to the manufacturer, will drive virtually any speaker on the planet.

For the digital amplifier technology, Aaviks relies on its patented UMAC™ amplifier technology also for the U models. The UMAC™ Class D modules are also used in the professional sector and are known for their performance and large signal-to-noise ratio.



Aaviks components in the luxury showroom of Alaska Audio Fidelity at Fehraltorf in Switzerland.

Would you like to get to know the Aaviks components even better and listen to them on a trial basis?

No problem: contact Alaska Audio Fidelity and CEO Alessandro Carlo will be happy to demonstrate the Danish sound Walhalla in his top showroom. Just make an appointment!

Alaska Audio Fidelity

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avguide.ch – our opinion









The combination of amplifier and digital/analog converter has definitely arrived at the high-end electronics manufacturers, driven by the customer desire to achieve a top sound result with as few components as possible. The advantages speak for themselves: fewer (expensive) cables, less space in the rack or audio furniture and the convenient operation, not to mention the price advantage. At first glance, no disadvantages are apparent. However, the currently much- practiced merging of amplifier and DAC breaks one of the sacred high-end laws, which states that analog and digital units should be designed as spatially and electronically separate from each other as possible, since the digital signal can interfere with the amplifier signal. We will gladly evaluate how well Aaviks Acoustics has solved this in the present U-Series in a product review. Based on previous test experiences with the Aaviks and Ansul components, we can imagine that the Aaviks chief developer Michael Børresen and his team have nevertheless managed this challenge with success.



Documents / Resources

	<p>Aavik U Series Combines Amplifier and DAC [pdf] Instruction Manual U-180, U-280, U-580, U Series Combines Amplifier and DAC, Combines Amplifier and DAC, Amplifier and DAC, DAC</p>
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References

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-  [Alesca - Audio Fidelity: High End-Verstärker und Lautsprecher - Racks](#)
-  [Hi-Fi | Amplifiers, Streamers, Phono stages & DACs - Aavik AcousticsAudio Group Denmark](#)
-  [Alesca - Audio Fidelity: High End-Verstärker und Lautsprecher - Racks](#)
-  [Artikel von Silvan Karrer](#)
-  [Thema da-wandler Seite](#)
-  [Thema high end audio Seite](#)
-  [Thema verstärker Seite](#)