



AUSTRIAN AUDIO



## Full Score one

High-End Headphone Amplifier

MAKING PASSION HEARD

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Introducing the Full Score one, the very first high-end headphone amplifier from Austrian Audio.

The Full Score one is designed for audiophiles who demand the best possible sound quality. It is built like a very low noise power amplifier, and it can handle both low impedance headphones down to 10 Ohms and high impedance, low sensitivity headphones with over 300 Ohms.

The main amplifier comprises a wide band, fully symmetrical voltage feedback circuit with a triple emitter follower output stage biased in class B, a high-speed complementary push-pull gain stage and a cascoded parallel differential input stage. This results in the lowest THD (Total Harmonic Distortion) at every output level and frequency range, so you can enjoy every nuance of your favorite recordings, even with less sensitive headphones that need more amplification.

If you are looking for the ultimate in headphone listening experience, the Full Score one is the perfect choice for you.



# Austrian Audio True Transient Technology (TTT)

The Full Score one features a unique and proprietary technology called „True Transient Technology“ (TTT). This technology ensures that the amplifier delivers even the steepest transients unaltered to the listener. The amplifier’s short output voltage invariant rise time, combined with a high maximum slew rate, ensures that the full bandwidth and finest subtleties of the recording become accessible.

The TTT button is located on the front panel of the amplifier. When the button is pressed, the TTT circuit is activated. The listener can always choose whether to activate this feature depending on the program they are listening to. Some (older) audio productions may have been mixed with slower systems in mind, so the listener may want to disable the TTT feature for these recordings.

The TTT feature is a valuable tool for audiophiles who want to get the most out of their headphones. It can help to reveal details in music that would otherwise be obscured.



# Superior High-Precision Sound

The volume potentiometer employs a special custom curve to make the adjustment more comfortable in the lower regions without the need for a gain switch.

The signal input before the volume control is buffered by a high speed, high impedance JFET amplifier to keep the capacitive load on the source as low as possible and to provide maximum immunity against radio frequency interference.

The linear power supply implemented provides more than enough performance for demanding listening sessions even with more than one pair of headphones connected. It's fan-less design guarantees a noiseless operation while the all-metal housing combines shielding, robustness and elegance for every use case from the recording studio to the living room.



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# Key Features

- Very fast amplifier results in very little transient modulation
- High End Potentiometer that eliminates the need for a gain switch
- True Transient Technology (TTT button) enables to transmit even extreme transient signals
- Switchable TTT technology as this feature may be unpleasant with older material
- Fully discrete, analogue Amplifier Design
- No ICs in the signal path
- Only high-end or military grade components used
- High Voltage design enables higher dynamic range
- Very low noise
- 6 dBA SPL (in connection with the Composer, which is very sensitive)
- Made in Austria





# Technical Specifications

- Power Bandwidth: 5 Hz – 1 MHz
- THD (@ 1kHz): 0.0005 % at full load
- Recommended input voltage: 0dBV, 1Vrms
- Recommended max load (5 Hz – 20 kHz): 10  $\Omega$  – 600  $\Omega$ , max. 150 nF
- Max output voltage (5 Hz – 20 kHz): 19 dBV, 9 Vrms @ 0,01% THD
- Selfnoise: EIN 136 dB(A)
- Max slew rate: 200 V/ $\mu$ s
- Inputs: 2x XLR and 2x RCA (parallel)
- Outputs: 2x 6.35 mm jack and 1x XLR 4pin
- Power rating: 220 – 230 V $\sim$  / 50 Hz, max. 25 W, automatic switch to 110 – 120 V $\sim$  / 60 Hz
- Dimensions: 220 x 265 x 65 mm
- Weight: 2.8 kg



# Heritage & Legacy

Our core team consists of former AKG (Vienna) personnel, boasting an impressive array of patents spanning multiple disciplines. With their expertise, they have played a pivotal role in developing some of the world's best-selling condenser and dynamic microphones, along with globally renowned high-end headphones that have set industry standards.

Following the official closure of the AKG headquarters in Vienna in 2017, destiny orchestrated a meaningful reunion, as the team regrouped under the new brand name: AUSTRIAN AUDIO.

Collectively, these exceptional individuals contribute over 350 years of combined experience in designing cutting-edge high-end headphones and microphones. Their leadership is evident in a wide range of engineering disciplines, including acoustic engineering, audio-electronics, mechanical design, test and measurement, and transducer design and development. Furthermore, their mastery extends to complex domains such as DSP, embedded software, and firmware.

With this unmatched technical prowess and dedication to excellence, AUSTRIAN AUDIO is poised to revolutionize the audio industry, pushing the boundaries of innovation and delivering exceptional audio solutions for audiophiles worldwide.



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