

Drachenfels

Headphone Amplifier



Versatile Champion with High Ambitions

With the introduction of the Linear in 2004, Lehmannaudio raised the sound quality of headphone amplifiers to a new level. The Drachenfels now represents a new generation of headphone amps: our champion with an entry-level price tag scores with leading-edge technology and, owing to its modular options, can be matched to ever new situations. With regard to sound it's particularly the tremendous wealth of detail that strikes the ear, together with a perfect control of what's going on. Even in the thickest musical hurly-burly the structure remains discernible at any time and every detail clear-cut.

Analogue? Digital? Drachenfels!

The modular design with cutting-edge components opens long-term perspectives for quality-minded music lovers who have demands on sustainability. No matter if streaming via WLAN or ethernet, linking Bluetooth sources or conventional digital players – owing to modular pc boards, which are available at short notice, the Drachenfels gives the right answer to all of these requirements. Even with the advent of new digital standards, a simple swapping of both module and rear panel will enable an upgrade!

The Drachenfels offers 12 dB of practice-oriented gain which, due to the smooth running ALPS Blue Velvet potentiometer with excellent synchronism and the ultra low-noise circuit, dispenses with the need for a gain switch. The power switch located on the front reduces the power consumption in standby mode to an eco-friendly value of less than 1 W. Moreover, its space-saving dimensions offer you plenty of placing options for the Drachenfels. Use it as a headphone amplifier or preamp and discover the happiness of intense music listening.

Highlights

- high-end quality at an entry-level price

Features

- modular concept to adjust to ever changing configurations
- ALPS Blue Velvet potentiometer
- Neutrik headphone socket with gold-plated contacts
- low-loss MKP precision capacitors for the audio path
- configurable either as a single source preamplifier or as a dual-input headphone amplifier

Options

- aluminium face plate available in silver or black

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Tech Info

Input impedance	47 kohms
Maximum gain setting	12 dB with maximum potentiometer setting
Analogue frequency response	10 Hz (-0,3 dB) to 35 kHz (-1 dB)
Analogue S/N ratio	> 85 dB at +0 dB gain
Analogue THD	< 0,006 % at 18 mW/330 ohms
Channel separation	> 80 dB at 10 kHz
Power output	• 330 ohms/110 mW • 33 ohms/180 mW
Output impedance	• Line out 105 ohms • Phones out 5 ohms

Audio Connections	• Neutrik headphone sockets with gold-plated contacts • 1 x switching line out, 1 x non-switching line out • Line in/line out: RCA
Power consumption in operation	app. 4 W through external wide range wall power supply (without any optional pc board)
Enclosure dimensions W x D x H	160 mm x 120 mm x 43 mm (audio section)
Weight	0,5 kg (1.1 lbs.) net (audio section)

Version: April 2017. Subject to change without prior notice.

Press Commentaries

STEREO

"During extensive listening checks, in particular with a Beyerdynamic DT880, the Lehmannaudio turned out to be an outstanding headphone amplifier, but could also stand its ground as a mini preamp when compared to proven competitors from Cyrus to Meridian from the author's stock. Its rhythmically agile, yet at the same time cultivated verve rouses spontaneous enthusiasm. Even the bass of this midget is unexpectedly powerful and deep, so the helicopter on "The Wall" sounds accordingly impressive. (...)

Superb headphone amp and minimalist preamp in one, custom-expandable via digital module and soundwise excellent. A universal gem and a bullseye – chapeau!"

STEREO/05 2017



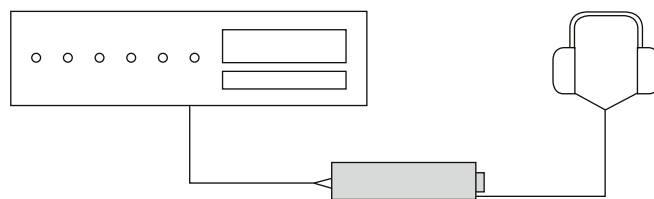
"As has rarely been heard before, this compact little machine brings to light acoustic details which so far slipped my attention even with considerably pricier amps. In the long run its nimble, neutral way of dealing with the music material leads to a very essential quality: the **suitability for long-time listening**. (...)

All instruments and the phantastic voice blend into a harmonic overall picture while taking care of every detail – this is true enjoyment."

hifi&records/01 2017

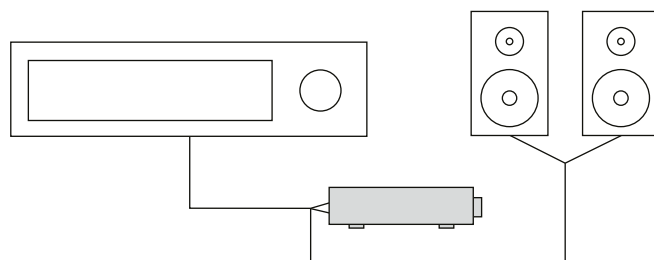
Sample Applications

As Headphone Amplifier:



Use the Drachenfels as a headphone amp by linking it via a phono cable to the line output of your player. Plug in your headphone at the front of the device and let yourself get carried away by a whole new music experience.

As Preamp:



The Drachenfels also cuts a fine figure as a compact preamp: simply connect your active speakers to the line output on the rear side of the device. Never before have you heard your favourite music in such a way.