OEHLBACH®
Cables and Accessories



QUALITY ★★★★☆

USB Bridge

USB DAC headphone amplifier in USB stick format

Cable and accessory specialist Oehlbach presents a compact USB-DAC headphone amplifier with high-end audio performance. The USB Bridge is connected to a vacant USB port on a PC or Mac and can then be used immediately without any special software according to the "Plug&Play" principle. The digital audio signal is then forwarded directly to the USB DAC, simply bypassing the internal, acoustically weak hardware of the PC. Thanks to an excellent D/A converter from AKM and the exclusive low-noise headphone amplifier from Texas Instruments, the "USB Bridge" delivers pocket-sized hi-fi sound. The portable module in the form of a USB stick is enclosed in a high-quality aluminium housing, equipped with an LED indicator and provides a 24-carat gold-plated jack plug socket. All types of music files can be played back, with the device natively supporting input signals up to 96 kHz/24 bit.



One of the most important steps in high-quality music reproduction is the digital-analogue conversion of electrical signals. At Oehlbach, we therefore only use strictly selected components with technical properties of above-average quality. The AK4396 D/A converter is suitable for high resolution sampling rates up to 192 kHz/24 bits and produces only minimal non-linear distortions despite the huge frequency range. The extremely high tolerance to digital jitter is another distinctive feature of the D/A converter from Asahi Kasei. In addition to PCM, 1 bit DSD data signals, needed for the perfect reproduction of DVD audio and SAC media, are also processed.





Features

- ✓ 24- carat gold-plated contacts
- ✓ AKM AK4396 High Performance Stereo DAC
- ✓ Plug&Play function without any special software for PC and Mac systems
- ✓ All types of music files can be played back
- ✓ Processing of native audio signals up to 96kHz and 24 bits
- ✓ High-end audio performance in a portable design
- ✓ High-quality with aluminium enclosure
- ✓ LED indicator for the operating mode
- ✓ Analogue stereo output (3.5 mm jack) for connecting headphones or a stereo system
- ✓ Headphones of 12 - 10k ohms impedance are supported
- ✓ 15 cm USB extension cable supplied
- ✓ Protective cap for the USB Bridge when being carried

Designation	Art. No.	Unit	Colour
USB Bridge	6061	1 Pc.	Black_Lunar-Grey

Technical Data

Output impedance	10 Ohm
Output level	2 v (rms)
Frequency range	20 Hz - 20 kHz
Weight	0,016 kg
Distortion factor	< 0,002% (bei 1kHz)
Headphone impedance	12 Ohm - 10k Ohm
SNR	> 100 dB
Voltage supply	5V via USB

AK 4396 AKM Chipset | PLUG&PLAY | 24 ct

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