

# StudioCube

Headphone Amplifier



## Excellence in the studio and on stage

Our StudioCube is the ideal partner for the personal monitoring: it enables a nuanced, transparent and fatigueless listening in the studio and on stage. At the same time this compact headphone amplifier fascinates the most demanding musicians and master sound engineers with its outstanding sound qualities.

Being a musician or a sound nerd, it's your natural ambition to always deliver optimum results on stage and in the studio. For a pro-level headphone amplifier this ambition poses a special challenge. Our StudioCube is your true and flexible companion in every situation. An all-out professional whose uncompromisingly truthful sound you can always depend on.

### Essential jack-of-all-trades

The StudioCube distinguishes itself by high-class technology and practical features. Its first-grade components, coupled with balanced input stages, give it outstanding sound qualities and a punchy, clean bass reproduction. Like all our devices the StudioCube, too, is a role model for exceptional transparency and extremely low noise. Owing to its superb transient response musicians can work at a lower monitoring volume level in the studio and therefore stay focused over a longer period of time. Furthermore, this all-rounder consorts well with virtually every headphone. Thanks to its special design bracket it mounts very conveniently on a microphone stand or under the table.

### Highlights

#### 📋 Features

- high-grade selected components for low-artefact listening
- usable for virtually every headphone set
- professional XLR combo inputs (Neutrik)
- THRU outputs (TSR) for cascading several StudioCubes
- 2 headphone outputs with stereo jack sockets (Neutrik)
- mono/stereo feed selector switch
- input level indicator independent from the potentiometer setting
- discrete class A solid-state output stage, short-circuit-proof
- external wall plug transformer (100 V – 240 V AC)

#### 🛠️ Accessories (optional)

- mounting bracket for microphone stand or under table mounting

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Made in Germany

# Tech Info

## StudioCube

<b>Input impedance</b>	18 kohms, balanced
<b>Maximum input level</b>	+22 dBu
<b>Gain settings</b>	6 db/12 dB (with jumper)
<b>Frequency response</b>	10 Hz to 40 kHz (-0,5 dB)
<b>Signal to noise ratio</b>	> 90 dB at gain 6 dB
<b>THD</b>	< 0.02 % (0 dBu at 32 ohms)
<b>Channel separation</b>	> 70 dB at 10 kHz
<b>Channel mismatch</b>	< 0,3 dB at maximum volume
<b>Output power</b>	200 mW/33 ohms
<b>Output impedance</b>	5 ohms
<b>Maximum output level</b>	+16 dBu
<b>Connectors IN</b>	2 x XLR combo jack, balanced
<b>Connectors THRU</b>	2 x TRS jack; 6.35 mm; balanced
<b>Connectors headphones</b>	2 x stereo jack 6.35 mm

<b>Operating voltage</b>	24 V DC/250 mA max.
<b>Power consumption</b>	idle < 3 W, self-resetting fuse
<b>Outer dimensions W x D x H</b>	130 mm x 132 mm x 45 mm
<b>Weight</b>	0.88 kg netto

## Power supply

<b>Mains voltage</b>	100 to 240 V AC 50/60 Hz
<b>Output voltage</b>	24 V DC
<b>Output current</b>	maximum 420 mA

Version: August 2014. Subject to change without prior notice.

## Press Commentaries



'A striking fact is the really convincing bass reproduction, provided you're using an adequate headphone. [...] A noticeably superior quality compared to the majority of integrated headphone amplifiers in studio devices.'

'The StudioCube has its strong points in the recording sector, thus e.g. as a headphone amplifier for musicians, which is underlined by the stand mounting option and the sound.'

ProAudio/08 2011



'The little StudioCube from Lehmann Audio is a very good headphone amplifier, which is going to bring a new sound experience to musicians and sound people who have been compromising so far.'

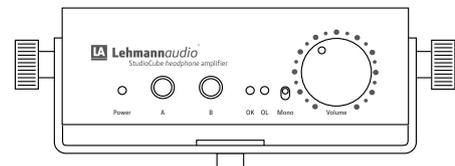
Professional Audio Magazine/11 2011



'Otherwise it's a device of ultimate [...] user value. The Lehmann sounds fabulous and reaps the overall verdict "outstanding".'

Amazona/04 2011

## Accessories (optional)



The StudioCube comes with a specially designed bracket to allow a very easy fixing on a microphone stand or under the table.