

FOCUSRITE Clarett+ 8Pre - Zvučna kartica

Šifra: 16327

Kategorija proizvoda: USB Zvučne kartice

Proizvođač: Focusrite



Cena: 99.480,00 rsd

In addition to the eight mic/line preamps (two with Hi-Z capability), the interface offers ADAT and S/PDIF I/O for digital input and output expansion, MIDI I/O for integration of MIDI equipment such as a keyboard or drum machine, and a BNC wordclock output for syncing other digital gear. Stereo monitor outputs, two headphone outs, and eight line outputs let you properly hook up monitors, headphones, and outboard processors. The Clarett+ 8Pre includes a software package featuring Focusrite Red plug-ins and a channel strip that accurately models the rare Focusrite Studio Console. Also provided is the Focusrite Control software that enables you to configure routing and monitor mixes from Mac and Windows computers, or iPad, iPhone, and iPod touch mobile devices.

New to the Clarett+

Independent A/D and D/A converters bring you closer than ever to your music and let you hear the truth, whether you're in the studio or on the road. Greatly improved D/A dynamic range enables you to hear every detail and have greater control over your mix. Lower A/D converter distortion lets you capture signals with more clarity, for greater transparency and sonic accuracy.

Great for Bands, Project Studios, and Large Home Setups

With its 1 RU size, USB Type-C connectivity, and AC powering (via the included power cable), the Clarett+ 8Pre is well suited for bands, project studios, and large home setups in need of plenty of analog and digital I/O in a rackmountable form factor.

Pristine, High-Resolution Conversion

Capture more detail than ever before; the carefully engineered design means the Clarett+ 8Pre gives you stunning results. At a class-leading 124 dB dynamic range, the ultralow-noise 24-bit / 192 kHz converters give your recordings clarity and nuance.

Clarett+ Mic Preamps

Capture clear and powerful recordings with preamps that bring masses of headroom, low distortion, and ultralow noise. Phantom power is switchable for channels 1-4 and 5-8, so you can use dynamic or condenser microphones as you desire.

Tone-Enhancing Analog Air Circuitry

Premium, relay-controlled analog circuitry on every preamp emulates the classic Focusrite ISA 110 by switching the impedance to 2.2 kilohms and adding two cumulative high shelves, totaling a 4 dB boost in the high frequencies.

JFET Instrument Inputs

Dedicated, ultrahigh-impedance JFET instrument inputs, with extremely wide audio bandwidth, mimic guitar-amp inputs to preserve the natural tone of guitars and capture their true character.

Software Instrument/Line Input Switches

At the press of a button in the control software, the first two 1/4" inputs can be used for line-level sources (like a mixer's stereo output or the line outs from guitar and bass amps) or direct connection of instruments such as electric guitar and bass, synthesizers, or drum machines—no need for DI boxes.

Rear-Panel Line Inputs

With six XLR-1/4" combo mic/line inputs on the back of the Clarett+ 8Pre, you can patch in line-level sources such as external mic preamps, an outboard mixer, or synthesizer sound modules while leaving the front-panel inputs free for direct connection of mics, instruments, or other line-level sources.

Straightforward Controls and Level Indication

The Clarett+ 8Pre's eight independent gain knobs and 10 multi-segment meters mean that you'll have no trouble getting set up and dialing in the perfect levels.

Dual Independent Headphone and Monitor Outputs

The two balanced 1/4" TRS monitor outputs on the rear panel enable connectivity with active studio monitors, while two front-panel 1/4" headphone jacks fed by a powerful and tonally linear headphone amp allow critical listening through headphones for two people. Separate knobs are provided for quick and independent adjustment of the monitor and headphone volumes, and dedicated dim and mute buttons are present for effective monitor control.

Eight Line Outputs

Eight additional balanced 1/4" TRS line outputs can be found on the rear panel of the Clarett+ 8Pre. Use these to route tracks from your session into separate analog inputs on a console or summing mixer, or to feed outboard effects processors.

MIDI I/O

Spin the Clarett+ 8Pre around, and you'll find traditional 5-pin MIDI I/O ports, perfect for hooking up a MIDI keyboard controller, a synthesizer/workstation, or a sound module, for MIDI recording, editing, and sequencing.

8-Channel ADAT Optical I/O

In addition to having flexible analog I/O, the Clarett+ 8Pre offers a TOSLINK optical input, which can accept an 8-channel ADAT input at up to 48 kHz (four channels at 88.2 / 96 kHz) or a stereo S/PDIF source. Connect any external microphone preamp equipped with an ADAT or S/PDIF output to this optical input to record additional microphones.

An ADAT optical output is also present, should you wish to send tracks digitally (skipping a D/A stage) to a headphone distribution system, an external converter, or a digital mixer.

Stereo S/PDIF Digital I/O

The interface also includes S/PDIF stereo digital input and output ports via coaxial jacks. Use the S/PDIF input to record the output of a digital DJ mixer or an external mic preamp outfitted with an A/D converter and S/PDIF output. Run the Clarett's S/PDIF output to a high-end D/A converter for extra processing or mastering with analog gear.

Wordclock Output

A BNC output provides a stable wordclock signal for synchronizing external digital equipment such as other audio interfaces or a digital mixing console.

Universal Power Supply

The Clarett+ 8Pre utilizes an internal universal power supply and a supplied power cable to ensure its proper operation. The interface can be connected to your Mac/Windows computer with either of the two supplied USB cables (one USB Type-C and one USB Type-C to Type-A).

Powerful Software Control

Route your audio, cue mix, loopback, and monitor mixes from your Mac or Windows computer via the Focusrite Control desktop software. Tap into even more convenience by using the Focusrite Control iOS app on your iPad, iPhone, or iPod touch to remotely control your Clarett+ 8Pre when connected to Focusrite Control Desktop.

All the Tools You Need to Start Recording

The Clarett line of interfaces comes with some of the best loved software tools in the business. [Click here to see the complete list!](#)

Focusrite Plus 8 Pre Specs

Form Factor Rackmount

Display 10 x Multi-Segment LED Meter

Channels of I/O Analog:

8 Inputs / 10 Outputs

Digital:

10 Inputs / 10 Outputs

Maximum Sampling Rate 192 kHz / 24-Bit

Number of Microphone Preamps 8 Preamps

Input Level Adjustment 8 x Knob

Expansion Slots None

Signal Processing

Pad None

Gain/Trim Range Mic/Line/Hi-Z Inputs:

+57 dB

High-Pass Filter None

Solo/Mute None

Connectivity

Analog Audio I/O 2 x Combo XLR-1/4" TRS Balanced/Unbalanced Mic/Line/Hi-Z Input (Front Panel)

6 x Combo XLR-1/4" TRS Balanced/Unbalanced Mic/Line Input

2 x 1/4" TRS Balanced Monitor Output

8 x 1/4" TRS Balanced Line Output

2 x 1/4" TRS Unbalanced Headphone Output (Front Panel)

Phantom Power 48 V, Selectable On/Off (on 8 Channels)

Digital Audio I/O 1 x TOSLINK Optical ADAT Input (S/MUX Support)

1 x TOSLINK Optical ADAT Output (S/MUX Support)

1 x RCA Coaxial S/PDIF Input

1 x RCA Coaxial S/PDIF Output

Host Connection / USB 1 x USB Type-C (USB 2.0)

USB (Non-Host) None

Sync I/O 1 x BNC Word Clock Output

Network I/O None

MIDI I/O 1 x DIN 5-Pin Input

1 x DIN 5-Pin Output

Wireless Connectivity None

Performance

Frequency Response Mic Inputs:

20 Hz to 20 kHz ± 0.03 dB

20 Hz to 35 kHz ± 0.15 dB

Line Inputs:

20 Hz to 20 kHz ± 0.05 dB

20 Hz to 35 kHz ± 0.15 dB

Hi-Z Inputs:

20 Hz to 20 kHz ± 0.04 dB

20 Hz to 35 kHz ± 0.15 dB

Line, Monitor Outputs:

20 Hz to 20 kHz ± 0.02 dB

20 Hz to 35 kHz ± 0.02 dB

Headphone Outputs:

20 Hz to 20 kHz ± 0.06 dB

20 Hz to 35 kHz ± 0.07 dB

Maximum Input Level Mic Inputs:

+18 dBu

Line Inputs:

+26 dBu

Hi-Z Inputs:

+15 dBu

Maximum Output Level Line/Monitor Outputs:

+18 dBu

Headphone Outputs:

+16 dBu

Impedance Inputs:

2.2 Kilohms

Dynamic Range Mic Inputs:

118 dB (Min Gain)

Line Inputs:

118 dB (Min Gain)

Hi-Z Inputs:

116 dB

Line/Monitor Outputs:

124 dB

Headphone Outputs:

> 118 dB

THD+N Mic Inputs:

-110 dB (+20 dB Input, at -1 dBFS)

Line Inputs:

-100 dB (Min Gain, at -1 dBFS)

Hi-Z Inputs:

-96.5 dB (Min Gain, at -1 dBFS)

Line/Monitor Outputs:

-106 dB

Headphone Outputs:

-104 dB

EIN Mic Inputs:

< -129 dBu

Digital Audio

Sample Rates 44.1 / 48 / 88.2 / 96 / 176.4 / 192 kHz

Sample Rate Conversion None

Bit Depths 24-Bit (AD/DA Conversion)

Sync Sources ADAT, Internal, S/PDIF

Audio Storage & Playback

Memory Card Slot None

Compatibility

OS Compatibility macOS 10.11 or Later

macOS 11

Windows 7 or Later

*As of November, 2021: check with manufacturer for the most up-to-date compatibility

Included Software None

Compatible Software (Not Included) Any Core Audio (Mac) Compliant Software

Included Plug-Ins Preamp & Channel Strip:

Brainworx bx_console Focusrite SC

Dynamics:

Focusrite Red 3 Compressor

Equalization:

Focusrite Red 2 Equalizer

Supported Drivers/API & Plug-Ins Proprietary

Mobile Device Compatibility None

Required Hardware Available USB 2.0 Port, USB 3.0 / 3.1 Gen 1 Port, or USB Type-C Port

USB Cable (Included)

Internet Connection Required for Registration, Software/Driver Download

Power

Power Requirements AC Input

AC Input Power Universal:

100 to 240 VAC, 50 / 60 Hz

Physical

Rackmount Size 1 RU

Dimensions 19 x 11.5 x 1.7" / 48.3 x 29.2 x 4.3 cm

Weight 9.0 lb / 4.1 kg

Packaging Info

Package Weight 11.5 lb

Box Dimensions (LxWxH) 23.8 x 13.7 x 3.5"