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FOCUSRITE Saffire PRO 40

Šifra: 391
Kategorija prozivoda: Proširenja
Proizvođač: Focusrite

Cena: 45.000,00 rsd

Saffire PRO 40

The Focusrite Saffire PRO 40 represents the new generation of Focusrite multi-channel FireWire/Thunderbolt audio interface. It is the best-sounding interface in its class; attentively designed with today's project studio in mind.
Focusrite's unparalleled preamp legacy forms the foundation of this new interface, with eight award-winning Focusrite preamps. These are combined with the very latest in FireWire interfacing technology to deliver seamless integration, excellent routing flexibility and future-proof, rock-solid driver stability.
With Saffire PRO 40, sonic integrity reigns supreme. The eight Focusite preamps ensure low noise and distortion, whilst quality digital conversion and JetPLL™ jitter-reduction technology ensure pristine audio quality as your audio flows between the analogue and digital domains.

Alongside the eight Focusrite preamps are a host of additional I/O options; 10 analogue outputs, ADAT I/O, stereo S/PDIF and two virtual 'loopback' inputs for routing digital audio between software applications. Every channel features phantom power, with the first two channels also featuring -9dB pads for additional headroom. Front panel five-step LED metering for each analogue input offers accurate viewing of levels. Saffire MixControl, the ultra-low-latency 18 x 16 DSP Mixer/Router software provided with Saffire PRO 40, sets a new standard at this price point for audio interface control. It features unparalleled output routing and monitoring, as well as intuitive one-click options, a clear and concise mixing layout and large on-screen metering for inputs, outputs and submixes.

Two independent headphone buses are provided, each with their own level controls available on the front panel. A dedicated stereo monitor mix output features pads for improved sound quality when connected to active monitor speakers. An 'anti-thump' circuit protects your monitor speakers from spikes when booting up or shutting down. Front panel controls include a main monitor dial with dim and mute switches, all of which fully integrate with customisable software to cover every possible monitoring need, providing a set of controls for any set-up from basic stereo to full 7.1 surround.

Key Features

All of Focusrite's FireWire interfaces are fully compatible with Thunderbolt using simple FireWire to Thunderbolt adapter. Focusrite fully supports the use of Thunderbolt with our FireWire interfaces.
Eight high-quality award-winning Focusrite preamps
The best sounding interface in its class. Focusrite's unparalleled preamp legacy forms the foundation of this new interface, with eight award-winning Focusrite preamps.
High-quality 24-bit/96kHz FireWire/Thunderbolt™* interface
Features high quality A-D / D-A conversion and JetPLL™ jitter reduction technology; pristine audio quality and reliable synchronisation are guaranteed.
Total I/O count of 20 inputs and 20 outputs
A host of I/O options are provided*, including a unique 'loopback' facility for routing audio between software applications via Saffire MixControl.

The Focusrite Plug-in Suite

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Upgrade your standard sequencer effects and bring a touch of class to your session with all-new Focusrite Compression, Reverb, Gating and EQ VST/AU plug-ins.

Two separate headphone buses
Two artists can receive independent and fully customised monitor mixes. Each output has an independent level control available on the front panel.
Saffire MixControl ultra-low-latency DSP mixer/router
Routing flexibility and intuitive one-click set-up solutions; Saffire MixControl provides an 18 x 16 DSP mixer with excellent output routing and monitoring capabilities.
Unmatched routing flexibility
Saffire PRO 40 is the most flexible interface in its class, able to adapt to any recording session quickly and intuitively. The user is able to route any input signal or DAW output, or a mix of both, to any of the 20 outputs.

Specifications

Microphone Inputs
Dynamic Range (A-Weighted): 109dB
SNR (A-weighted): -109dB
Frequency Response: 20Hz - 20kHz +/- 0.1 dB
THD+N: 0.001% (measured at 1kHz with a 20Hz/22kHz bandpass filter)
Noise: EIN > 125dB (128dB analogue to digital) (measured at 60dB of gain with 150 Ohm termination (20Hz/22kHz bandpass filter)
Maximum level (A-weighted): 8dBu at 1%

Line Inputs
Dynamic Range (A-Weighted): 109dB
SNR (A-weighted): -109dB
Frequency Response: 20Hz - 20kHz +/- 0.1dB
THD+N: < 0.001% (measured with 0dBFS input and 22Hz/22kHz bandpass filter)
Noise: -90dBu (22Hz/22kHz bandpass filter)
Maximum level (A-weighted): 28.5dBu at 1%

Instrument Inputs
Frequency Response 20Hz-20KHz +/- 0.1dB
Maximum Input Level min gain no pad +8dBu
Maximum Input Level max gain no pad -42dBu
THD+N, -1dBFS, min gain, no pad < 0.0015%
SNR 109dB "A"
DNR 109dB "A"
Input Impedance > 1MOhm
X-talk < -100dB
Adjustable Gain > 50dB
Pad Attenuation 10dB

Headphone Outputs
Frequency Response 20Hz-20KHz +/- 0.1dB
SNR 109dB "A"
DNR 109dB "A"
Maximum Output into 32R +12.4dBu (+10.2dBV)
Power into 32R 250mW
Output Impedance < 7Ohms
Load Impedance > 24Ohms

Line level Outputs
Dynamic Range (A-Weighted): 108dB
SNR (A-weighted): -108dB
THD+N: < 0.001% (measured with 0dBFS input and 22Hz/22kHz bandpass filter)
Maximum level (A-weighted): 15.7dBu at 0.883%

Additional Conversion Performance

Clock jitter < 250 picoseconds
THD+N AMPL (A-weighted)= -109dBFS

CONNECTIVITY
Analogue Channel Inputs (Inputs 1-8)
2 Mic/Line/Inst Combo XLR (Inputs 1 and 2)
6 Mic/Line Combo XLR (Inputs 3-8)
Automatic switching of Mic / Line (e.g. inserting a jack switches from Mic to either Line or Instrument)

Digital Channel Inputs (Inputs 9-18) 44.1-96kHz
Stereo S/PDIF input on RCA
8 ADAT inputs on Optical Connector, reduces to 4 inputs at 88.2/96kHz • Optical input can be switched to S/PDIF 3/4 in software preferences (ADATs disabled)

Analogue Audio Outputs (Outputs 1-10)
8 ¼" TRS Jack (Outputs 3-10)
2 monitor mix outputs on ¼" TRS Jack (Outputs 1 and 2)
Stereo headphones mix 1 on ¼" TRS (also routed to outputs 7 & 8)
Stereo Headphones mix 2 on ¼" TRS (also routed to outputs 9 & 10)

Digital Channel Outputs (Outputs 11-20) 44.1-96kHz
Stereo S/PDIF output on RCA
8 ADAT outputs on Optical Connector, reduces to 4 outputs at 88.2/96kHz

Optical output can be switched to S/PDIF 3/4 in software preferences (ADATs disabled)

Other I/O
2 6-pin FireWire sockets
2 Standard 5-pin DIN MIDI connectors: In and Out
IEC mains power input connector

Weight and Dims
3kg / 6.6lbs
482mm / 19" (W) x 45mm / 1.8" (H) x 265mm /10.4" (D)

System Requirements

WINDOWS
CPU/Clock
900MHz AMD or Pentium. (1.5 GHz or higher recommended)

Memory (RAM)
512 MB (more recommended)

Screen Resolution
1024x768 (1280x1024 or more recommended)

MAC
CPU/Clock
PowerPC G4/Dual 1 GHZ or faster or any Intel-based Mac

Memory (RAM)
512 MB (more recommended)

Screen Resolution
1024x768 (1280x1024 or more recommended)