

## FOCUSRITE ISA 428 MKII - Mikrofonsko pretpojačalo

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Šifra: 16889  
Kategorija proizvoda: Studijska Pretpojačala  
Proizvođač: Focusrite

Cena: **199.800,00** rsd

The ISA microphone preamp holds a reputation for delivering transparency along with subtle warmth derived from transformer core saturation. The addition of a variable impedance circuit allows users to perfectly match the preamp with any microphone, or to use different settings creatively to shape the sound of the microphone.

The extremely broad frequency response of Focusrite preamps (close to 200 kHz at the top end) guarantees accurate phase response across the range of human hearing, with the roll-off point being moved entirely outside of the audible hearing range. Warmth, plus beautifully open, unrestricted high frequencies, is a classic hallmark of the mid 80's Focusrite designs to which this preamp owes its design.

The optional eight-channel analog converter utilizes high-quality Burr-Brown amplifiers and PCM4220 A-D converter chips seated within Focusrite's custom analog circuitry. Specifications include a dynamic range of 122dB and jitter performance below 250 picoseconds. The card can be retrofitted at any time and due to the convenient 25-pin D-type connector, it integrates seamlessly with most digital workstations, including Pro Tools.

A premium bonus is the Brainworx bx\_console Focusrite SC channel-strip plug-in, a stellar digital emulation of the legendary and rare Focusrite Studio Console. Only 10 of the consoles were ever produced, but you can access its famed sound directly in your DAW.

### **Four ISA Series Transformer-Based Preamps**

ISA series microphone preamps have been the producers' choice on countless hit records over the last two decades

Eight-Channel A-D Converter (Optional)

Four additional A-D converter inputs allow eight channels of high-quality conversion, with a dynamic range of 122dB and jitter performance below 250 picoseconds

Selectable Impedance

Ideal for microphone matching or extended microphone creativity - settings include the "Vintage ISA110" setting that provides the original Focusrite signature sound

### **Four Front Panel Instrument Inputs**

Instant access on the front fascia - no separate DI box required

Dedicated Analog Insert Points

Switchable insert points are featured on every channel, allowing routing (between pre-amp and output) through additional external processing

Variable High-Pass Focusrite Filter

Provided on every channel, this is the same filter as featured on the original ISA428

Accurate LED Meters for Every Channel

FOCUSRITE ISA 428 MKII - Mikrofonsko pretpojačalo

Clear metering designed to catch even the fastest and most elusive of transients

### **Additional Features**

Phantom power available on every channel

Trim control allows 20dB of extra gain with fine adjustment

Phase reverse buttons help to correct phase issues with microphones or cables

Optional A-D converters easily synchronize to external word clock

Includes Brainworx bx\_console Focusrite SC channel-strip plug-in, a stellar digital emulation of the legendary and rare Focusrite Studio Console

### **Focusrite ISA428 MkII Specs**

Number of Channels 4

Inputs 4 x XLR Microphone (rear panel)

4 x 1/4" TS phone Instrument (front panel)

4 x 1/4" TRS phone Line (rear panel)

4 x 1/4" TRS phone Insert Return (front Panel)

4 x XLR ADC Input for optional AD converter card (rear panel)

Output 4 x XLR Line (rear panel)

4 x 1/4" TRS phone Insert Send (rear panel)

Phantom Power +48V individually switchable

Multi Function Has provision for optional analog to digital converter

Gain Range Microphone: 0dB to +60dB in 10dB steps, plus 0dB to +20dB continuously variable trim

Line: -20dB to +10dB in 10dB steps, plus 0dB to +20dB continuously variable trim

Instrument: +10dB to +40dB continuously variable

Input Impedance Microphone: 600Ω, 1.4kΩ, 2.4kΩ, 6.8kΩ

Line: 10kΩ

Instrument: >1MΩ

Maximum Output Level Microphone: +7.4dBu

Line: +25.4dBu

Instrument: +11.5dBu

Frequency Response Microphone: -0.35dB at 20Hz and -3.0dB at 122kHz (0dB gain) and -2.5dB at 20Hz and -3.0dB at 103kHz (60dB gain)

Line: -0.3dB at 20Hz and -3dB at 94kHz (0dB gain)

Instrument: -0.2dB at 20Hz and 0dB at 200kHz (+10dB gain) and -3.0dB at 20Hz and -3.0dB at 38.4kHz (+40dB gain)

THD + N Microphone: 0.0009% (measured at 1kHz, -20dBu input signal, at 30dB gain setting, with a 20Hz/22kHz bandpass filter)

Line: 0.002% (measured with +4dBu input signal, 0dB gain setting, with a 20Hz/22kHz bandpass filter)

Instrument: 0.006% (measured with -20dBu input signal, at minimum gain (+10dB), with a 20Hz/22kHz bandpass filter)

Noise Microphone:

Noise EIN: -126dB (measured at 60dB of gain with 150Ω termination and 20Hz/22kHz bandpass filter)

Noise at main output with unity gain: -98dBu (measured with a 20Hz/22kHz bandpass filter)

SNR: 123dB (relative to max output 25dBu)

SNR: 120dB (relative to 0dBFS (+22dBu))

Line:

Noise at main output with unity gain: -91dBu (measured with a 20Hz/22kHz bandpass filter)

SNR: 116dB (relative to max output 25dBu)

SNR: 113dB (relative to 0dBFS +22dBu)

Instrument:

Noise at main output with minimum gain (+10dB): -95dBu (measured with a 20Hz/22kHz bandpass filter)

CMRR Microphone: 88dB

Meters Each 6-LED meter is calibrated 0dBFS = +22dBu (the maximum level which can be correctly converted by the optional internal A/D converter before overload occurs). The meter calibration points are as follows:

Meter panel calibration value in dBFS / Equivalent dBu value:

0dBFS / +22dBu

-2dBFS / +20dBu

-6dBFS / +16dBu

-12dBFS / +10dBu

-18dBFS / +4dBu

-42dBFS / -20dBu

Power Requirements 100VAC~240VAC

Dimensions 19 x 11 x 3.5" (483 x 279 x 89mm)

Weight 12.2 lbs (5.5kg)

Specialties High Pass Filter

Roll off = 18dB per octave 3 pole filter

Frequency range: 16Hz to 420Hz (continuously variable, measured at the 3.0dB down point)

Packaging Info

Package Weight 17.55 lb

Box Dimensions (LxWxH) 25 x 18 x 9"