

# ISA828: 8 Channel Pre

Eight Classic Pres alongside eight channels of A-D



Combining the best of yesterday with the best of tomorrow, Focusrite's ISA828 eight channel pre-amplifier features exactly the same classic microphone pre-amplifier design as Focusrite's critically acclaimed Forte console. To partner seamlessly with Pro Tools HD and other professional DAW platforms, an eight-channel A/D converter option is available, outperforming every other A/D converter on the market. Finally, modern DAW connectivity is assured thanks to convenient 25-pin D-type connectors. With these features combined, the ISA828 sets a new standard for professional multi-channel pre-amplification and A/D conversion.

- **Eight original ISA series transformer-based pre amps** – the classic Focusrite pre at its lowest cost-per-channel to date.
- **New Optional Eight Channel 192kHz ADC** - Cutting-edge conversion technology and Focusrite analogue circuitry deliver the best A/D performance on the market, bar none.
- **Convenient 25 pin D-Type connectors** – The ISA828 integrates quickly and seamlessly with ProTools HD, as well as other popular hard disk recorders and mixing desks.
- **Switchable Impedance** – Selectable per channel; choose one of four carefully selected input impedances, including the original ISA 110 setting, to suit any microphone.
- **Four direct instrument inputs** – Each instrument input features high and low impedance options to provide a comprehensive and accessible DI solution.
- **Insert external processing on every channel** – External devices can be inserted between the pre amp and the A/D converter.
- **High pass filter, Phase reverse and Phantom power** – Independent control for each channel.

## SPECIFICATIONS

### GAIN RANGE

Line: +/- 18dB  
 Mic: 0 to 60dB (both in 6dB steps)  
 Inst: +10 to +40 dB variable

### INPUT IMPEDANCE

Line = 10KΩ  
 Mic = Variable - 600Ω, 2K4Ω, 6K8Ω and original ISA110 settings  
 Inst = >1MΩ

### NOISE

Line: -96dB  
 Mic: -128dB (EIN with 150Ω input resistance at 60dB of gain)

### THD

Line: 0.003% with 0dBu, 1kHz input and 20Hz to 22kHz band pass filter  
 Mic: 0.003%

### 192KHZ A-D SPECIFICATIONS

AES/EBU and S/PDIF:	Dual 9 pin D-types – 8 channels	Clock options	Standard or '256 x'	Jitter = <250 picoseconds
ADAT Lightpipe (max .96kHz)	Optical – 8 channel	SNR	120dB A weighted	
Bit depths	16, 20 or 24 bit	0dBfs	= +22dBu	
Frequency options	44.1, 48, 88.2, 96, 176.4 & 192kHz	Dithering	Adaptive	

For in-depth details of connections, specifications and comprehensive performance figures, please visit [www.focusrite.com](http://www.focusrite.com)

Classic Focusrite Pres

The Best A/D Conversion

25-pin DAW Connectivity



audio heritage | sonic integrity | professional solutions

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