ISA430 MkII: Producer Pack

The pinnacle of Focusrite's analogue channel strip technology

The ISA 430 MkII represents the pinnacle of Focusrite's analogue channel strip technology, bringing together all the classic designs in one comprehensive production tool. Augmented with additional features and flavours, alongside unmatched internal routing and connectivity, the ISA 430 MkII enables today's recording professional to enjoy the unique sonic contribution of these heritage designs within one extremely versatile processor. With the Producer Pack, Focusrite's iconic status as the leading manufacturer of channel strips remains unrivalled.

From mic impedance switching and 'mic air' effect (a wire-wound inductor for increased spaciousness), to three compressor options (VCA, Vintage Opto and Opto Limit) combined with the compressed/uncompressed 'Blend' feature, the ISA430 MkII delivers a impressive variety of processing sounds.

Routing and monitoring flexibility has also received a booster. The unique 'Listen' feature (allowing you to hone in on the frequency you wish to affect) is now available on compressor, gate, and expander circuits as well as the ISA 430 MkII's unique phase cancellation-based de-esser circuit. In addition, monitoring and inserts are available at a variety of points along the signal chain.

Finally, the ISA 430 MkII features an optional 24bit-192kHz high performance (123dB A-weighted with jitter below 20 pico seconds) stereo A-D converter, allowing you to retain every nuance of your analogue signal as you flow seamlessly into the digital domain.

- **Classic Focusrite transformer-based 8 Pre-amp with variable impedance and 'Air' feature**
- **Multi format Compressor - transparent VCA and vintage optical circuits**
- **Unmatched signal path flexibility**
- **Ability to function as 4 separate modular processors simultanesouly**
- **Classic Focusrite EQ design; an expanded version of the original ISA 110**
- **Post mic pre output for the shortest possible signal path**
- **Proprietary Focusrite discrete Class A VCA Gate and Expander designs**
- **'Listen' feature for precise control over compression, gating, expansion and de-essing**
- **Soft Limiter to avoid critical digital overload**
- **Optional Stereo A/D – 24-bit 192 kHz Delta Sigma converter**
- **Precision VU metering**

SPECIFICATIONS

Mic

Gain Range:	0 to +60dB in 10dB steps
Input Impedance:	Variable - 600Ω,2K4Ω,6K8Ω and original ISA110 settings
EIN:	-128dB with 150Ω terminating impedance at 60dB of gain
Noise:	-97dBu
THD:	0.001% with -20dBu (1kHz input and 20Hz–22kHz bandpass filter)

Line

Gain Range:	+10dB to +40dB continuously variable
Input Impedance:	>1MΩ

Compressor (VCA mode)

Threshold Range:	-28dB to +12dB
Ratio:	1.5:1 to 10:1
Slope:	Soft knee
Attack:	100μS to 100mS
Release:	100mS to 7S, variable or auto (program dependent)

Compressor (Vintage Opto mode)

Threshold Range:	-28dB to +12dB
Ratio:	1.5:1 to 5:1 in Comp mode
	5:1 to 20:1 in Lim mode
Slope:	Soft knee in Comp mode, Hard knee in Lim mode
Attack:	Fixed

For in-depth details of connections, specifications and comprehensive performance figures, please visit **www.focusrite.com**

Unrivalled flexibility | **Multi-format** compression | **Enhanced** ISA110 EQ

E and O.E

audio heritage | sonic integrity | professional solutions

Focusrite

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