Red 1 & 8

Quad and Dual Mic Pres

Using the same circuit topology as the original ISA pre-amp designs, the Red 1 and 8 offer respectively, four and two channels of ultra-high quality Focusrite microphone pre-amplification. Used with high quality ribbon, valve and condensor mics, the Red 1 and Red 8 obtain outstanding results with any sound source, but especially voice, piano and string instruments.

With four mic pre-amps in a single unit, the Red 1 is ideal for those looking for improved audio performance, as a compact 'way in' to digital recording systems, or for location multi-mic recordings. Each channel offers custom-wound Focusrite input transforers, switchable phantom power, phase reverse, an illuminated VU meter, and a handy scribble disc for denoting channels. Mic gain is also switched for accurate, precise channel matching and recall.

The Red 8, with a perfectly matched pair of mic amps, offers identical channel controls to the Red 1, and is especially suited to demanding mono or stereo recording work, such as location classical recording with digital recording media.

The many benefits of the unique Focusrite pre-amp topology include superb common mode rejection, a good overload margin and, with its shared gain structure, (20dB from transformer and up to 40dB from the amplifier) a very low noise floor with the signature wide bandwidth (10Hz to 200KHz).

It also maintains this level of performance with a very wide range of impedance across the inputs. In practice, this makes it what one reviewer called, *"perhaps the most revealing yet forgiving mic pre-amp in history."*

The output stages of both the Red 1 and Red 8, with their custom transformers, will easily drive very long cable runs – up to several kilometers – without significant loss of quality, making them ideal for remote recordings.

- **Classic Focusrite transformer-based pre-amp design**
- **Phase reverse and phantom power**
- **VU output level meter**
- **Scribble disc**
- **Stepped gain potentiometers**

SPECIFICATIONS

Mic input gain:	-6dB to +60dB in6dB steps	Distortion:	0.15% (-20dBu @ 20Hz)	Output:	+24dBm into 600Ω
Mic Input Impedance:	1200Ω ±15%, balanced and floating		0.06% (-20dBu @ 40Hz)		+26dBm into 10kΩ,
Frequency Response:	10Hz to 140kHz (-3dB points), ±0.1dB within passband		0.003% (-20dBu @ 1kHz)		balanced and floating
Noise (EIN):	-127dBu (input loaded 200Ω) @ 60dB gain		0.005% (-20dBu @ 10kHz)		

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

Superb common mode rejection | **great** overload margin | shared gain structure

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