

TRAKMASTER

Pro

The most affordable professional tracking device to date.

- Focusrite Preamp • Front panel DI • Switchable impedance • 'Mid Scoop' EQ • Optical Compressor with unique
- Latency-free monitoring • Optional 24-bit/96kHz A-D • Blue "port hole" peak-reading meter



The TrakMaster Pro™ boasts professional quality preamp and compression circuits, providing performance specifications never before seen at this price point, setting a new standard for project studio signal processing. A high quality preamp, front panel D I, problem-solving mid-scoop EQ, intuitive optical compression and latency-free monitoring come together in this unit to ensure you have all you require to get a quality signal tracked. You even have the option to fit a Focusrite A-D card, taking you directly from the TrakMaster Pro™ into your digital workstation, whilst retaining the Focusrite signature sound as you flow from analogue to digital.

PROFESSIONAL QUALITY TRANSPARENT PREAMP

TrakMaster Pro utilises a preamp derived from the award-winning Green range, exhibiting a quality never before seen at this price point. This preamp demonstrates the same wide-bandwidth philosophy and

ensures low noise and distortion. It delivers clarity and warmth without unwanted artefacts, displaying the sonic signature for which Focusrite has become famous. Also available alongside this section are Phantom Power and a High Pass filter for controlling rumble, proximity effect and pop reduction, enabling TrakMaster Pro to handle any audio source with style. The Low Impedance switch brings yet further sound options to your recording, allowing you to get more from your microphone and make the most of ribbon mics, which perform best when combined with a low impedance preamp.

DIRECT INPUT

Also included on the front panel are microphone and line/instrument inputs, allowing quick and easy connection and preventing the need for a separate D.I. box. Use the TrakMaster Pro™ as a front end to your system and enjoy quality vocal and instrument recordings, tracked in seconds.

MID SCOOP EQ

The mid-scoop EQ is a quick and effective problem-solver, with two different cut depths and an adjustable frequency control. Ranging from 120Hz to 2K, it's ideal for vocal problem solving or for creating great miked-up cabinet ambience.

OPTICAL COMPRESSOR

Next in the channel strip is TrakMaster Pro's intuitive optical compressor. It features Focusrite's custom fast-acting optos and operates in Class A mode, allowing for smoother, lower distortion performance than off-the-shelf VCA-derived circuits. With the addition of variable attack and the unique 'Squash' mode (ideal for intense drum sounds) this optical compressor gets you the compression sound you need in seconds.

OUTPUT LEVEL

The final section includes comprehensive metering via a unique 'port-hole' style peak level meter, providing clear visual indication

The Focusrite sound – Welcome to one of the most prestigious clubs in pro audio

Over the last twenty years, Focusrite has built a reputation as the market leader for high quality recording equipment, with its Mic Pre technology as the cornerstone of that enviable reputation.

The original preamp was designed using rotary-switched gain controls and high quality audio transformers. This ISA preamp has been used by many of the industry's greatest producers, and is the sound of countless hit records. Today, Focusrite design equipment for a far greater audience, from professionals

to amateur enthusiasts with high specification project studios.

As with the Red range, the preamp technology found in the Platinum range is designed to the highest possible standards. What links all Focusrite products is the integrity of the design, testing and qualification process. All new designs are checked and tested to the same exacting standards as the original Red and ISA ranges, and can only make it to the 'final product' stage once they have passed extensive listening tests. Any design can

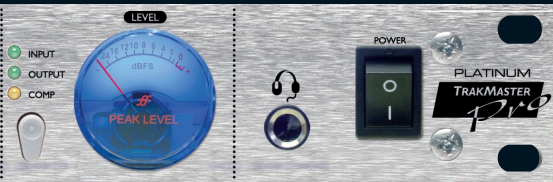
measure well on the test bench, but only a good design will prove its worth in the studio. Rest assured, your Platinum Mic Pre encapsulates exactly this philosophy and is guaranteed to excel in any studio environment.

Rob Jenkins –
Director of Product Strategy

Never before has there been such an affordable yet entirely professional tracking device. TrakMaster Pro manages to encompass Focusrite's core design

philosophy and sonic integrity, which have guaranteed Focusrite's position at the forefront of pro audio design for so many years.

with unique "Squash" setting



of, input, output and gain reduction. Back lit ocean blue, it ensures your TrakMaster Pro not only plays the part, but looks the part as the centrepiece of your project studio.

LATENCY-FREE MONITORING

This section offers the capacity to monitor your tracking signal within the mix directly at source, avoiding having to resort to monitoring via your DAW or digital desk, both of which will introduce latency. A headphone or monitor mix can be created for the artist or engineer, with immediate and tactile control over levels. With all the controls for latency-free monitoring available direct from the front fascia, TrakMaster Pro means an end to all your latency nightmares.

DIGITAL CONNECTIVITY

Optional 24-bit, 96kHz stereo Analogue to Digital converter available.

[See pages 12 and 13.](#)

TRAKMASTER PRO™ SPECIFICATIONS

Inputs		Mid Scoop EQ	
MIC		EQ shape	Peak
Gain:	+13dB to +60 dB	Centre Frequency	Variable between 120 Hz and 2 kHz
Frequency Response:	0 dB at 20 Hz and -3 dB at 200 kHz	Cut and Q	
THD+N:	0.001% (measured at 1kHz using 20Hz /22kHz bandpass filter)	Deep switch out	Cut = -6dB; Q=0.7
Noise:	EIN = -126 dB (measured at 60 dB of gain with 150 Ω termination and 20 Hz/22kHz (bandpass filter)	Deep switch in	Cut = -12dB; Q=2
LINE		Optical Compressor	
Gain:	-10dB to +36 dB	Threshold range	
Frequency Response:	-0.7dB at 10 Hz and -3 dB at 200 kHz	SQUASH switch out:	-54dBFS to -18dBFS
THD+N:	0.001% (measured with 0 dBFS input and 22Hz/22kHz filter)	SQUASH switch in:	-37dBFS to -4dBFS
Noise:	-88 dBu (using 22Hz/22kHz bandpass filter)	Compressor ratio	
INSTRUMENT		SQUASH switch out:	2.5:1
Gain:	+13dB to +60 dB	SQUASH switch in:	35:1
Frequency Response:	-0.9dB at 10 Hz and -2.3dB at 200 kHz	Slow Attack (switch out):	Attach 35ms Release 126ms
THD+N:	0.004% (measured with 0dBu input and 20Hz/22kHz filter)	Slow Attack (switch in):	Attach 120ms Release 350ms
Noise:	-87 dBu (using 20Hz /22kHz bandpass filter)	SQUASH switch in:	Attach 8ms Release 1s
		Makeup gain:	30 dB
		Outputs	
		Electronically balanced:	impedance 50Ω, nominal level +4dBu.
		Unbalanced:	ground compensated, impedance 75Ω, nominal level -10dBV.
		Headroom:	22dB
		Weight:	4.5 kg
		Dimensions:	44 mm (H) x 480 mm (W) x 265 mm (D)



Pre-amplifier technology derived from the TEC award-winning Green Range

Optical Technology and Compression

The sound of an opto compressor is entirely dependent upon the quality and performance of the light-dependent resistor element within the circuit. Many cheap optical circuits result in compressors that offer very little control to the user, regardless of how one adjusts the front panel controls. With compression, above all else, one sound does not fit all. The opto component used in all Platinum products was developed exclusively for

Focusrite, through a collaboration with our supplier's design team, to create a controllable and adjustable compressor that sounds great. The attack, release and compression responses of the opto component were adjusted until we had the exact response we were looking for; punchy, warm-sounding compressors that can be both smooth and transparent as well as providing 'squash' and punch on demand.