

Soundcraft Vi1000

Technical Specifications

Frequency Response	
Stagebox or Local Mic input to Line output	+0/-1dB, 20Hz-20kHz
AES/EBU In to AES/EBU Out	+0/-0.2dB, 20Hz-20kHz
T.H.D. & Noise	
20Hz-20kHz, unweighted	
Stagebox or Local Mic In (min gain) to Local Line Out	<0.004% @ 1kHz
Stagebox Mic In (max gain) to Local Line Out	<0.035% @ 1kHz
Mic Input E.I.N.	
	<-127dBu (150Ω source)
20Hz-20kHz bandwidth, unweighted	
Residual Noise	
	-95dBu
Stagebox line output; no inputs routed, Mix fader @0dB	
CMRR	
	80dB @ 1kHz
Stagebox Mic input	
Sampling Frequency	
	48kHz
Latency	
Stagebox Mic Input to Local Line output	< 2ms @48kHz
AES/EBU Input Sample Rate	
	32-108kHz (with SRC enabled)
DSP Resolution	
	40-bit floating point
Internal Clock	
Accuracy	< +/- 50ppm
Jitter	< +/- 10ns
External Sync	
	BNC Wordclock, Dante network clock
Input & Output Levels	
Mic/line Inputs	+28dBu max
Line Outputs	+22dBu max
Nominal Operating Level	+4dBu (-18dBFS)

Mic Inputs	2k7Ω
All other analogue Inputs	> 10kΩ
Line Outputs	<75Ω
AES/EBU Outputs	110Ω
Oscillator	
	20Hz to 20kHz/Pink/White Noise, variable level
Mic In HP Filter	80Hz fixed, 12dB per octave
Channel HP Filter	20Hz-600Hz, 18dB per octave
Channel LP Filter	1kHz-20kHz, 18dB per octave
EQ (Inputs and Bus Outputs)	
HF	20Hz-20kHz, +/-18dB, Q= 0.3-8.7 or shelving
Hi-Mid	20Hz-20kHz, +/-18dB, Q=0.3-8.7
Lo-Mid	20Hz-20kHz, +/-18dB, Q=0.3-8.7
LF	20Hz-20kHz, +/-18dB, Q= 0.3-8.7 or shelving
Metering	
	Internal 20-segment LED bargraphs plus 9-segment gain reduction meters for all inputs and Outputs. Peak hold variable from 0-2s.
Mains Voltage Operating Range	
	90-264V, 47-63Hz, auto-ranging
Mains Power Consumption	
Console	200W (both PSUs operating)
Stagebox (64in/32out)	150W (both PSUs operating)
Internal Mass Storage	
	120GB SSD Hard Drive
Temperature/Humidity Range	
Operating Temperature Range	0°C - 45°C (32°F - 113°F)
Relative Humidity	0% - 90%, non-condensing Ta=40°C (104°F)
Storage Temperature Range	-20°C - 60°C (-4°F - 140°F)
Weight	
Vi1000 console	25kg (55lbs)
Vi1000 console incl. standard shipping carton	46kg (102lbs)
Weight	
Vi1000 console only	844mm x 803mm x 351mm
Console in standard shipping carton	980mm x 950mm x 590mm