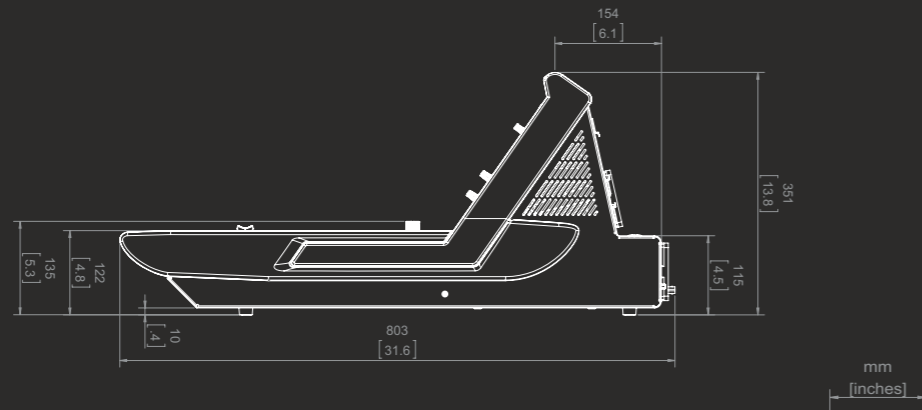
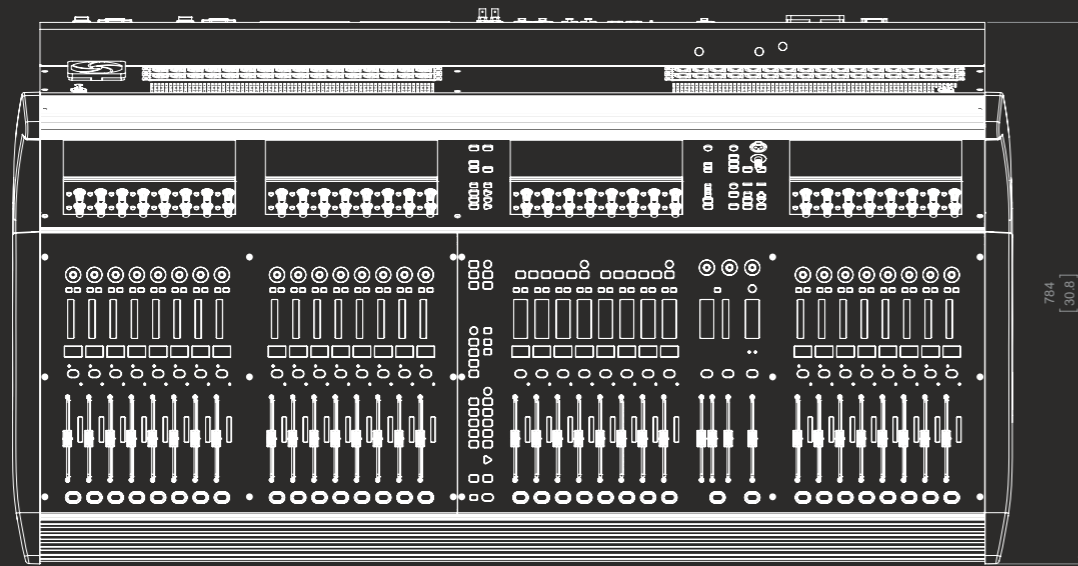
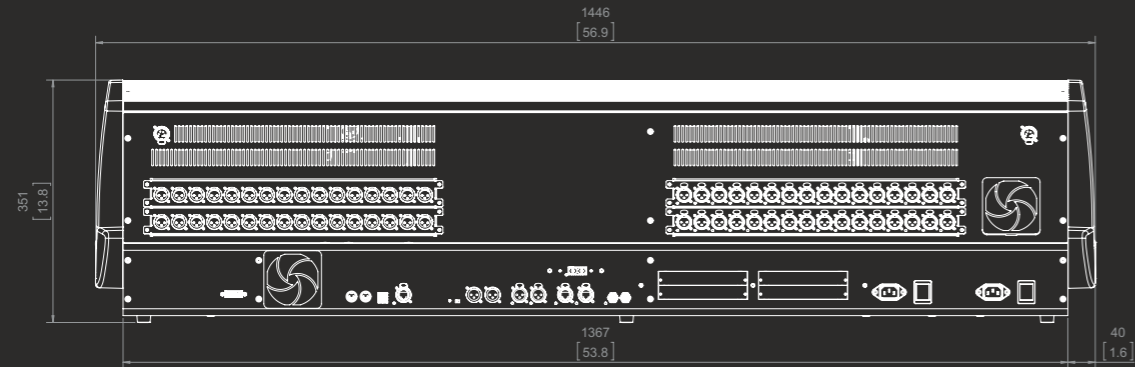




Dimensions



Technical Data

FREQUENCY RESPONSE

Stagebox 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

Stagebox Mic In (min gain) to Local Line Out, 22Hz-22kHz	<0.003% @ 1kHz
Stagebox Mic In (max gain) to Local Line Out, 22Hz-22kHz	<0.020% @ 1kHz
Local Line In to Line Out, 22Hz-22kHz	<0.003% @ 1kHz
Mic Input E.I.N (22Hz-22kHz bandwidth, unweighted)	<-126dBu (150Ω source)
Residual Noise, Stagebox line output; no inputs routed, Mix fader @0dB	-91dBu
CMRR, Stagebox Mic input	80dB @ 1kHz
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
Internal clock jitter	< +/-5ns
External Sync	BNC Wordclock

Input & Output Levels	
Mic Inputs	+28dBu max
Line Inputs	+22dBu max
Line Outputs	+22dBu max
Nominal Operating Level	+4dBu (-18dBFS)
Input & Output Impedances	
Mic Inputs	2k7Ω
All other analogue Inputs	>10kΩ
Line Outputs	<75Ω
AES/EBU Outputs	110Ω

Oscillator	20Hz to 20kHz/Pink/White Noise, variable level
Stagebox 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, autoranging
Mains Power Consumption	300W
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)

Soundcraft reserves the right to improve or otherwise alter any information supplied in this document or any documentation supplied hereafter. E&OE 03/14.

All trademarks are recognised as the property of their respective owners.

The Soundcraft logo is a Registered Community Trade Mark/RTM No. 000557827

