



VENUE | S6L Mechanical Specifications

Dimensions and Weight

Control Surfaces:

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Power

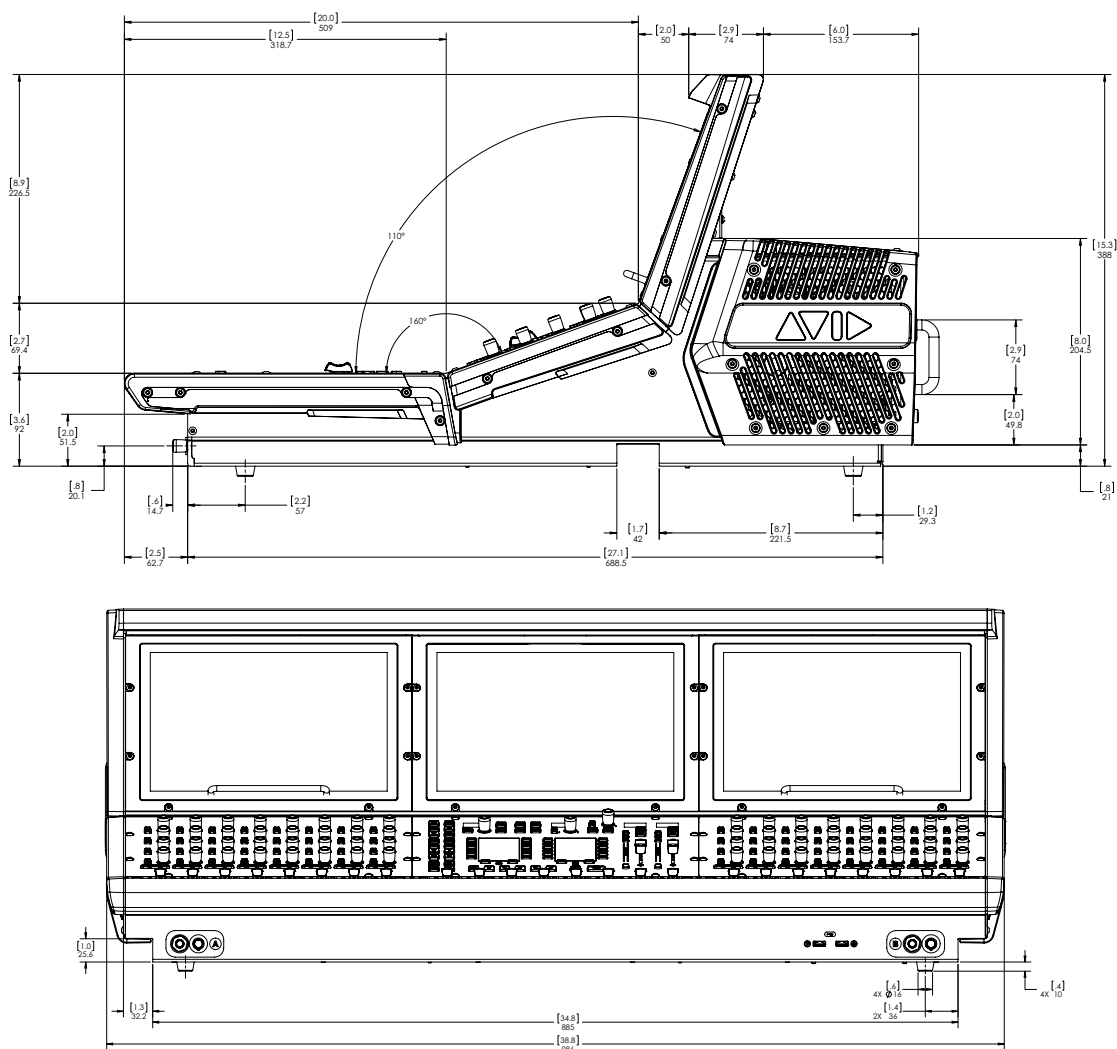
- [Control Surfaces](#)
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Parameter	Specification
Maximum Height, Front Maximum Height, Back	3.6 inches (92 mm) 15.3 inches (388 mm)
Maximum Width	51.2 inches (1302 mm)
Maximum Depth	30.9 inches (786.5 mm)
Weight	154.5 lbs (70 kg)



S6L-24D Control Surface



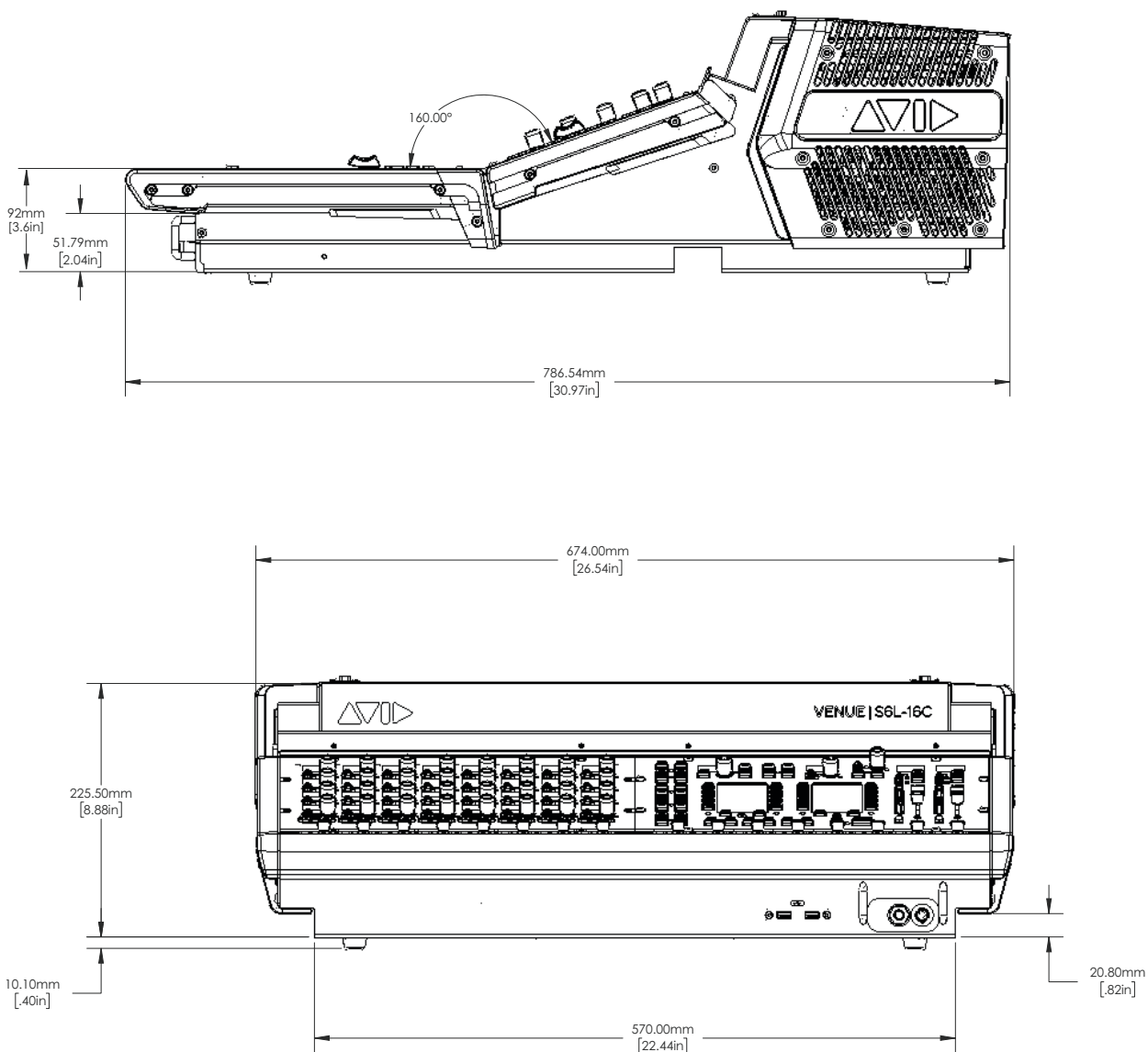
S6L-24D Control Surface Dimensions

Parameter	Specification
Maximum Height, Front	3.6 inches (92 mm)
Maximum Height, Back	15.3 inches (388 mm)
Maximum Width	38.8 inches (986 mm)
Maximum Depth	30.9 inches (786.5 mm)
Weight	119 lbs (54 kg)

Avid VENUE | S6L Mechanical Specifications



S6L-16C Control Surface



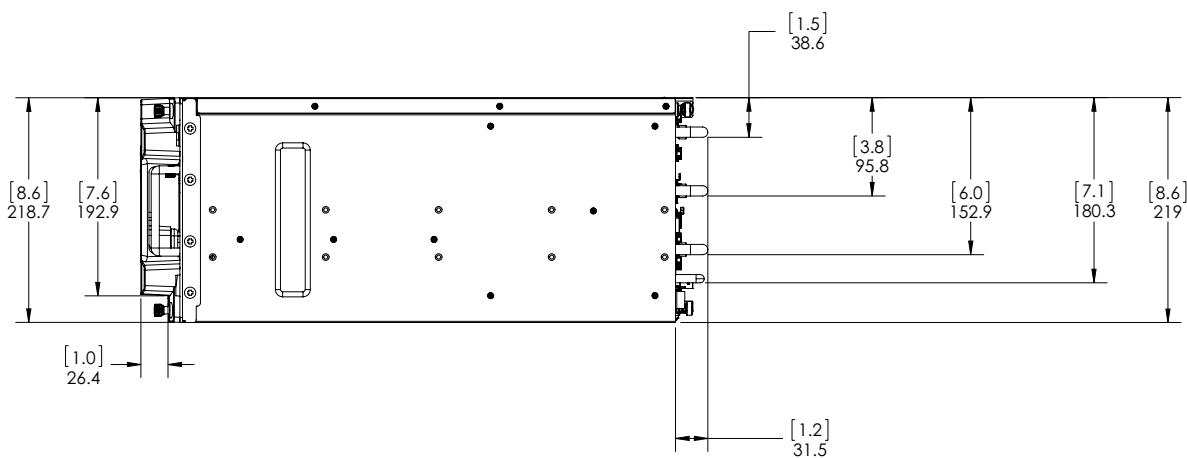
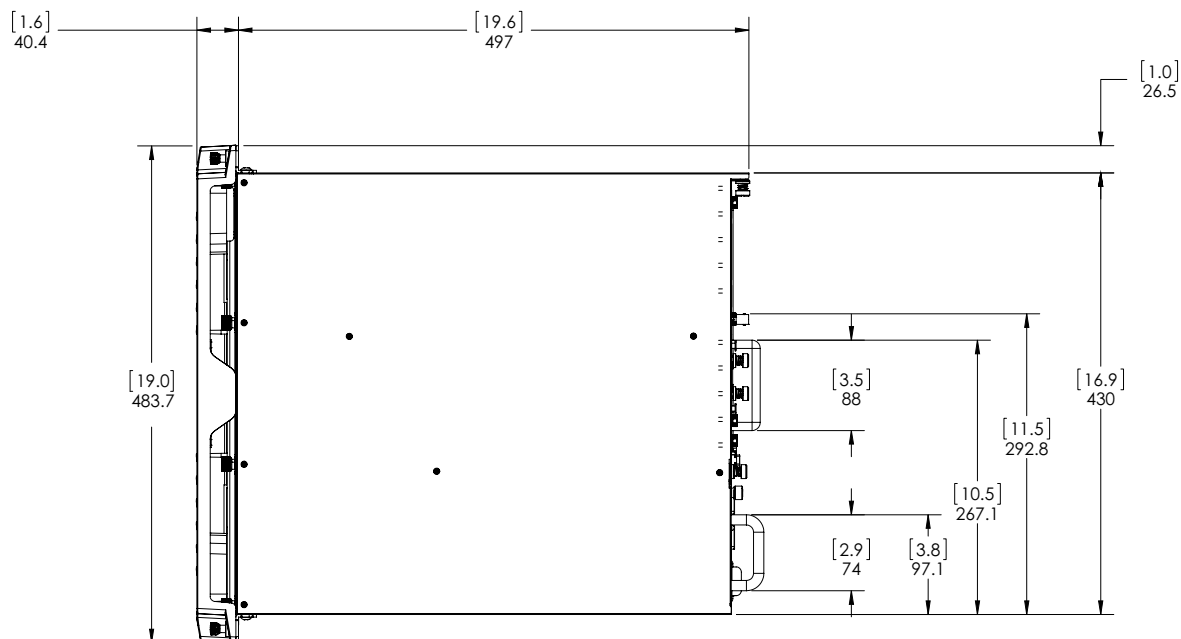
S6L-16C Control Surface Dimensions

Parameter	Specification
Maximum Height, Front	3.6 inches (92 mm)
Maximum Height, Back	8 inches (205 mm)
Maximum Width	26.5 inches (674 mm)
Maximum Depth	31 inches (787 mm)
Weight	70.5 lbs (38 kg)



E6L Engines

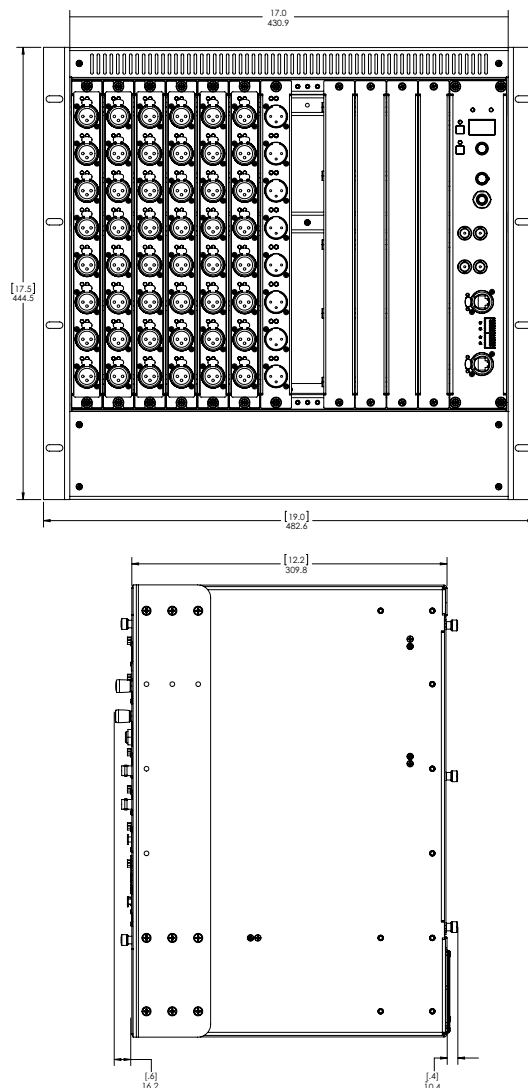
E6L-192, E6L-144, and E6L-112



Parameter	Specification
Maximum Height	8.6 inches (218.7 mm)
Rack Spaces	5U
Maximum Width	19 inches (483.7 mm)
Depth with Bezel Depth without Bezel	21.2 inches (537 mm) 19.6 inches (497 mm)
Weight	E6L-192 and E6L-144: 74 lbs (33.5 kg) E6L-112: 71 lbs (32 kg)



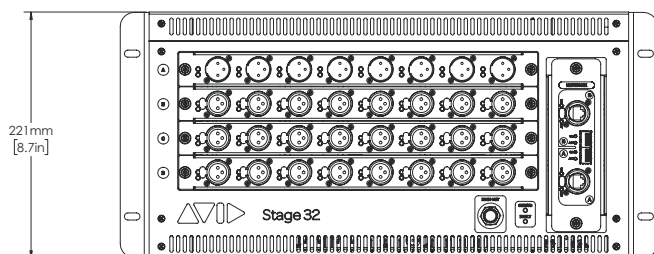
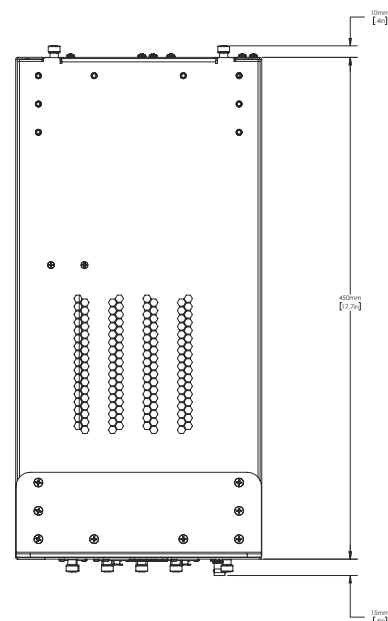
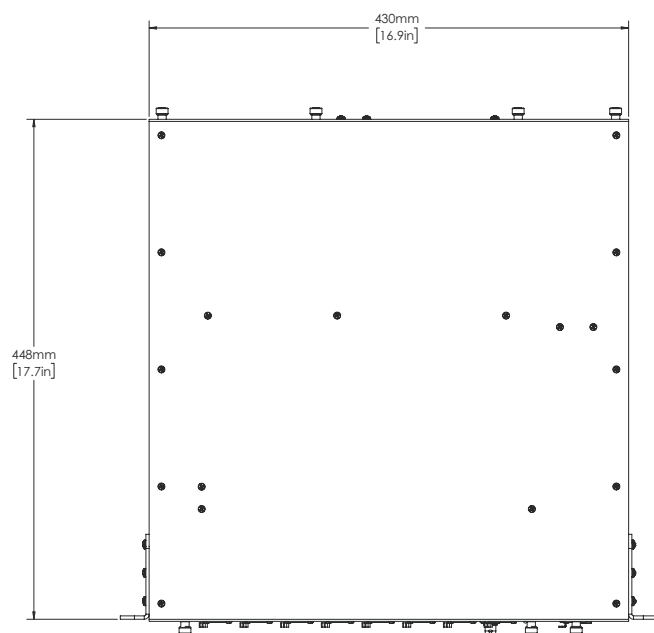
Stage 64



Parameter	Specification
Maximum Height	17.5 in (444.5 mm)
Rack Spaces	10U
Width with Rack Ears Width without Rack Ears	19 inches (483 mm) 17 inches (430.9 mm)
Maximum Depth	12.2 in (309.8 mm)
Weight	Empty: 46 lbs (20.8 kg); Full: 69 lbs (31.2 kg)



Stage 32

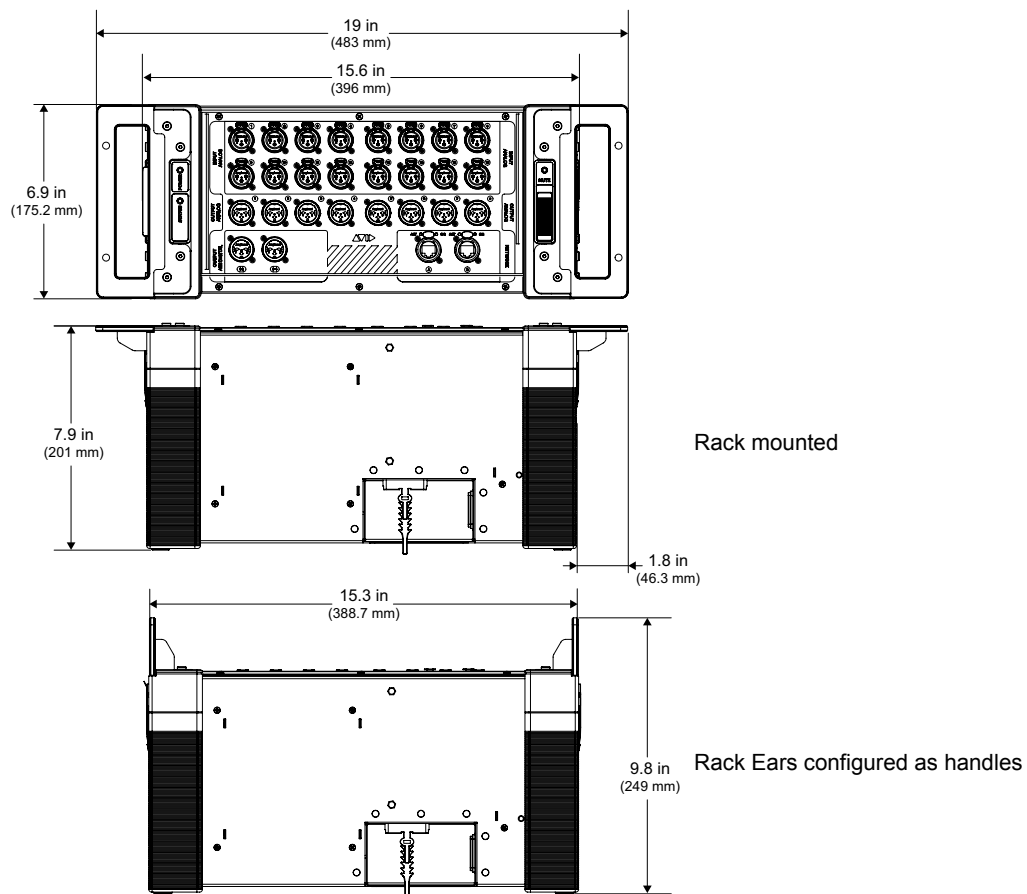


Stage 32

Parameter	Specification
Maximum Height	8.7 inches (221 mm)
Rack Spaces	5U
Width with Rack Ears	19 inches (483 mm)
Width without Rack Ears	17 inches (430.9 mm)
Depth	17.7 inches (448 mm)
Weight (Full)	49 lbs (22 kg)



Stage 16

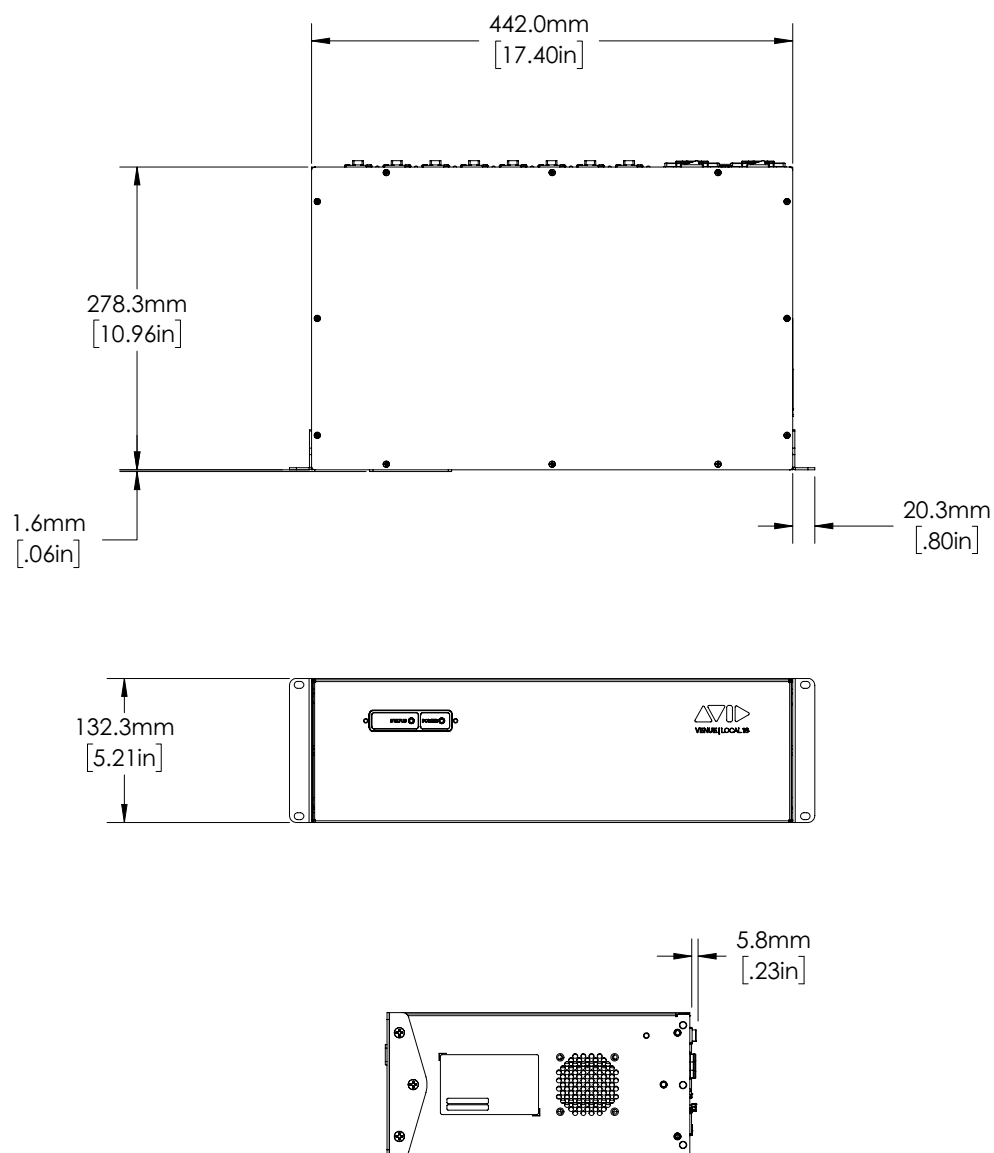


Stage 16

Parameter	Specification
Maximum Height	6.9 in (175.2 mm)
Rack Spaces	4U
Width (with Rack Ears)	19 inches (483 mm)
Width (Rack Ears configured as handles)	15.6 inches (396 mm)
Depth (with Rack Ears)	7.9 in (201 mm)
Depth (Rack Ears configured as handles)	9.8 in (249 mm)
Weight	21 lbs (9.5 kg)



Local 16 I/O



Local 16

Parameter	Specification
Maximum Height	5.2 inches (132 mm)
Rack Spaces	3U
Width with Rack Ears Width without Rack Ears	19 inches (483 mm) 17 inches (430.9 mm)
Depth	11 inches (278 mm)
Weight	16.3 lbs (7.4 kg)



Power

Control Surfaces

The following tables show power measurements for an S6L-32D control surface. Usage for S6L-24D, S6L-24C, and S6L-16C control surfaces will be slightly less.

S6L-32D Power Measurements, 110V/60Hz

Parameter	Measurement	Units	Accuracy ($\pm$)	Notes
RMS Input Voltage	110	VAC	0.05% + 0.25V	
Frequency	60	Hz	0.1% $\pm$ 1 digit	
RMS Input Current	2.425	A	0.1% + 0.15A	
Peak Input Current	61.188	A	0.2% + 0.5A	Internally limited by AC supply
Crest Factor	1.64		1.5%	
VA (Reactive) Power	267.8	VA	0.15% + 9 VA	
Real Power	257.8	W	0.15% + 9 W	
Power Factor	0.97		0.03	
Current THD	20.65	%A		EN61000-3-2 Class A compliant

S6L-32D Power Measurements, 220V/50HZ

Parameter	Measurement	Units	Accuracy ($\pm$)	Notes
RMS Input Voltage	220	VAC	0.05% + 0.25V	
Frequency	50	Hz	0.1% $\pm$ 1 digit	
RMS Input Current	1.317	A	0.1% + 0.15A	
Peak Input Current	61.188	A	0.2% + 0.5A	Internally limited by AC supply
Crest Factor	1.68		1.5%	
VA (Reactive) Power	288.8	VA	0.15% + 9 VA	
Real Power	261.6	W	0.15% + 9 W	
Power Factor	0.91		0.03	
Current THD	16.65	%A		EN61000-3-2 Class A compliant

Measured @100VAC



Engines

The following tables show power measurements for an E6L-192 engine. Usage for other E6L engines will usually be less depending on configuration.

E6L Engine Configuration: E6L-192, with 1x AVB-192 Network Card and 1x HDX DSP Card.

- Add 0.3 A for each HDX-192 DSP Card installed in the E6L engine.

E6L-192 Engine Power Measurements, 110V/60Hz

Parameter	Measurement	Units	Accuracy ($\pm$)	Notes
RMS Input Voltage	110	VAC	0.05% + 0.25V	
Frequency	60	Hz	0.1% $\pm$ 1 digit	
RMS Input Current	2.157	A	0.1% + 0.15A	
Peak Input Current	52.023	A	0.2% + 0.5A	Internally limited by AC supply
Crest Factor	1.66		1.5%	
VA (Reactive) Power	237.3	VA	0.15% + 9 VA	
Real Power	226.7	W	0.15% + 9 W	
Power Factor	0.96		0.03	
Current THD	18.77	%A		
RMS Input Voltage	110	VAC	0.05% + 0.25V	

E6L-192 Engine Power Measurements, 220V/50Hz

Parameter	Measurement	Units	Accuracy ($\pm$)	Notes
RMS Input Voltage	220	VAC	0.05% + 0.25V	
Frequency	50	Hz	0.1% $\pm$ 1 digit	
RMS Input Current	1.261	A	0.1% + 0.15A	
Peak Input Current	55.999	A	0.2% + 0.5A	Internally limited by AC supply
Crest Factor	1.54		1.5%	
VA (Reactive) Power	277.6	VA	0.15% + 9 VA	
Real Power	228.5	W	0.15% + 9 W	
Power Factor	0.82		0.03	
Current THD	18.88	%A		

Measured @100VAC



I/O Units

Stage 64

Stage 64 Configuration: 6x SRI Analog Input Cards, x1 DSI Digital Input Card, 3x SRO Analog Output Cards, 1x DSO Digital Output Card. Actual power consumption can vary depending on the number and type of cards installed.

Usage for Stage 32 and Local 16 will be less.

Stage 64 I/O Rack Power Measurements, 110V/60Hz

Parameter	Measurement	Units	Accuracy ($\pm$)	Notes
RMS Input Voltage	110	VAC	0.05% + 0.25V	
Frequency	60	Hz	0.1% $\pm$ 1 digit	
RMS Input Current	1.829	A	0.1% + 0.15A	
Peak Input Current	52.023	A	0.2% + 0.5A	Internally limited by AC supply
Crest Factor	1.59		1.5%	
VA (Reactive) Power	201.0	VA	0.15% + 9 VA	
Real Power	197.0	W	0.15% + 9 W	
Power Factor	0.98		0.03	
Current THD	18.73	%		EN61000-3-2 Class B compliant

Stage 64 I/O Rack Power Measurements, 220V/50Hz

Parameter	Measurement	Units	Accuracy ($\pm$)	Notes
RMS Input Voltage	220	VAC	0.05% + 0.25V	
Frequency	50	Hz	0.1% $\pm$ 1 digit	
RMS Input Current	0.928	A	0.1% + 0.15A	
Peak Input Current	52.023	A	0.2% + 0.5A	Internally limited by AC supply
Crest Factor	1.58		1.5%	
VA (Reactive) Power	204.0	VA	0.15% + 9 VA	
Real Power	195.4	W	0.15% + 9 W	
Power Factor	0.96		0.03	
Current THD	21.22	%		EN61000-3-2 Class B compliant

Measured @100VAC



Stage 16

Phantom power load of 4mA placed on 13 of 16 input channels..

Stage 16 I/O Rack Power Measurements, 110V/60Hz

Parameter	Measurement	Units	Accuracy ($\pm$)	Notes
RMS Input Voltage	110	VAC	0.05% + 0.25V	
Frequency	60	Hz	0.1% $\pm$ 1 digit	
RMS Input Current	0.37	A	0.1% + 0.15A	
Peak Input Current	50.0	A	0.2% + 0.5A	Internally limited by AC supply
VA (Reactive) Power	44.0	VA	0.15% + 9 VA	
Real Power	43	W	0.15% + 9 W	
Power Factor	0.96		0.03	

Measured @100VAC

Ambient Noise, Power, and Thermal

The power connections for all components are auto-voltage selecting (100V to 240V nominal, 90-260V maximal, 50-60 Hz).

Components conform to the NC-20 noise criterion and thermal specification.

The system conforms to the latest EU RoHS hazardous substances and WEEE directives.