

	ControlSpace® ESP-00 Series II	ControlSpace® ESP-880	ControlSpace® ESP-1240	ControlSpace® ESP-1600	ControlSpace® ESP-4120
	engineered sound processor	engineered sound processor	engineered sound processor	engineered sound processor	engineered sound processor
<b>Back Panel View</b>					
<b>Audio Channel Capacity</b>	64 (bi-directional, mixed digital and/or analog)	56 (16 analog, 8 ESPLink, 16x16 digital with expansion card)			
<b>Signal Processor</b>	Quad 32-bit floating-point DSPs, 200 MHz	32-bit fixed/floating-point DSP + ARM, 456 MHz			
<b>Maximum Calculation</b>	6.4 GIPS/4.8 GFLOPS	3.6 GIPS/2.7 GFLOPS			
<b>Analog I/O</b>	Up to 32 channels using analog expansion cards	8 mic/line input channels, 8 line output	12 mic/line input channels, 4 line output	16 mic/line input channels	4 mic/line input channels, 12 line output
<b>ESPLink Output</b>	Option cards	8 channels			
<b>Dynamic Range</b>	115 dB (A-weighted, 20 Hz – 20 kHz)**	115 dB (A-weighted, 20 Hz – 20 kHz)			
<b>Max. Input/Output Level</b>	+24 dBu	+24 dBu			
<b>THD (+N)</b>	0.002% (A-weighted, 20 Hz – 20 kHz, +4 dBu @ 1 kHz input signal)**	0.002% (A-weighted, 20 Hz – 20 kHz, +4 dBu @ 1 kHz input signal)			
<b>Delay Memory</b>	288 seconds	43 seconds			
<b>Audio Latency</b>	860 μs (analog in to analog out)	860 μs (analog in to analog out)			
<b>PC Configuration Software</b>	ControlSpace® Designer™ software	ControlSpace® Designer™ software			
<b>Control Inputs/Outputs</b>	8 input/8 output, expandable to 16/16	5 input/5 output			
<b>Network Control</b>	10 Mb Ethernet (RJ-45)	Front panel 100 Mb Ethernet (RJ-45) or rear option cards			
<b>Communication Ports</b>	RS-232 (DB9M, DTE) Bose CC-16 (5.08 mm Euroblock 3-pin)	RS-232 (DB9M, DTE) Bose CC-16 (5.08 mm Euroblock 3-pin)			
<b>Expansion Slots</b>	8 analog/digital audio, 2 GPIO (1 occupied)	1 control/audio network slot			
<b>Dimensions</b>	3.5" H x 19.0" W x 13.0" D (88 mm x 483 mm x 331 mm)	1.7" H x 19" W x 8.5" D (44 mm x 483 mm x 215 mm)			
<b>Net Weight</b>	10.8 lb (4.9 kg)	5.75 lb (2.6 kg)			
<b>Expansion Cards</b>	4-ch mic/line input, 4-ch line output, Dante™, CobraNet®, ESPLink, AES3 in, AES3 out, Surround decoder, GPIO	Dante™, ControlSpace® Network Control			

\*Images not to scale. \*\*Data based on measurements of 4-channel analog input and output cards. All information is subject to change without notice. ©2015 Bose Corporation. CC016351