

PreSonus Studio 1824c 18x24 UHD USB-C Audio Interface with 8 Mic Inputs/24-bit/192kHz

General	
Sample Rates	44.1, 48, 88.2, 96, 176.4, 192 kHz
Converter Resolution	24-bit
Converter Dynamic Range	114 dB
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Microphone Inputs	
Maximum Level	+16 dBu, min gain
Gain Range	80 dB
Frequency Response	20 Hz - 20 kHz (unity gain)
Dynamic Range	110 dB (A-wtd, min gain)
THD + N	0.005% (1 kHz, 0dBu, unity gain)
EIN	-128 dBu (A-wtd, 20 kHz BW, Rs=150Ω, max gain)
Input Impedance	1400Ω
Phantom Power	48V (>10 mA per channel)
Line Inputs	
Maximum Level	+21 dBu (balanced, min gain)
Gain Range	40 dB
Frequency Response	20 Hz-20 kHz (unity gain)
Dynamic Range	112 dB (A-wtd, min gain)
THD + N	0.005% (1 kHz, +18 dBu, min gain)
Input Impedance	10 kΩ
Instrument Inputs	
Maximum Level	+15 dBu (unbalanced, min gain)
Gain Range	80 dB
Frequency Response	20 Hz - 20 kHz (min gain)
Dynamic Range	112 dB (A-wtd, min gain)
THD + N	0.020% (1 kHz, +10 dBu, min gain)
Input Impedance	1M Ω
Main Outputs	
Type	¼" TRS female, DC Coupled
Maximum Level	+18 dBu, balanced
Frequency Response	20Hz - 20kHz (unity gain)
Dynamic Range	108 dB (A-wtd, unity gain)
THD + N	0.004% (1 kHz, -1 dBFS, unity gain)
Line Outputs	
Type	¼" TRS female, DC coupled
Maximum Level	+18 dBu, balanced
Frequency Response	20 Hz - 20 kHz
Dynamic Range	108 dB (A-wtd, -60 dBFS)
THD + N	0.004% (1 kHz, -1 dBFS, unity gain)
Headphone Outputs	
Maximum Power	150 mW/channel (60Ω load)
Frequency Response	20 Hz - 20 kHz (unity gain)

Dynamic Range	103 dB (A-weighted, 1 kHz, unity gain)
THD + N	0.250% (1 kHz, 150 mW, unity gain)
Impedance Working Range	32Ω to 600Ω
Physical	
Height	1.75" (44 mm)
Width	19" (483 mm)
Depth	5.5" (140 mm)
Weight	4.8 lbs (2.2 kg)