

# PreSonus Studio 24c Portable Ultra-High-Def 2X2 USB-C Audio Interface with 2 Mic Inputs/24-bit/192kHz

<b>General</b>	
Sample Rates	44.1, 48, 88.2, 96, 176.4, or 192 kHz
Converter Resolution	24 bit
ADC Converter Dynamic Range	108 dB
DAC Converter Dynamic Range	108 dB
<b>Microphone Inputs</b>	
Maximum Level	+10 dBu ( $\pm 0.5$ dBu, min gain)
Gain Range	50 dB
Frequency Response	20 Hz - 20 kHz ( $\pm 0.3$ dBu, unity gain, unwt'd)
Dynamic Range	106 dB (A-wtd, min gain)
THD + N	0.004% (1 kHz, -1 dBFS, min gain)
EIN	-126 dBu (A-weighted, 150 $\Omega$ , max gain)
Input Impedance	1.4 k $\Omega$
Phantom Power	+48 VDC (10 mA total)
<b>Instrument Inputs</b>	
Maximum Level	+19 dBu (min gain)
Gain Range	50 dB
Frequency Response	20 Hz - 20 kHz ( $\pm 0.1$ dBu, unity gain, unwt'd)
Dynamic Range	105 dB (A-wtd, unity gain)
THD + N	0.002% (1 kHz, min gain)
Input Impedance	750 k $\Omega$
<b>Main Outputs</b>	
Type	$\frac{3}{4}$ " TRS, Female
Maximum Level	+10 dBu (1 kHz, unity gain, balanced)
Frequency Response	20 Hz - 20 kHz ( $\pm 0.3$ dBu, unity gain, unwt'd)
Dynamic Range	104 dB (unity gain, unwt'd)
THD + N	0.001% (1 kHz, -1 dBFS, unity gain)
<b>Headphone Outputs</b>	
Maximum Power	47 mW / channel @ 56 $\Omega$
Frequency Response	20 Hz - 20 kHz ( $\pm 0.5$ dBu, unity gain, unwt'd)
Dynamic Range	83 dB (A-wtd, 56 $\Omega$ load)
THD + N	0.01% (1 kHz, 0 dBFS, loaded)
Impedance Working Range	32 $\Omega$ to 300 $\Omega$
<b>Physical</b>	
Height	1.75" (44 mm)
Width	7" (180 mm)
Depth	5.5" (144 mm)
Weight	2 lbs. (0.9 kg)