

# PreSonus Studio 68c 6x6 UHD USB-C Audio Interface with 4 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
Converter Dynamic Range	114 dB
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<b>Microphone Inputs</b>	
Maximum Level	+16 dBu (balanced, min gain)
Gain Range	80 dB
Frequency Response	20 Hz - 20 kHz ( $\pm 0.15$ dB, min gain, 48 kHz)
Dynamic Range	114 dB (A-wtd, min gain)
THD + N	0.007% (1 kHz, -1 dBFS, min gain)
EIN	-130 dBu (max gain, 150 $\Omega$ , A-wtd)
Input Impedance	1.6 k $\Omega$
Phantom Power	+48 VDC (10 mA per channel)
<b>Line Inputs</b>	
Maximum Level	+22 dBu (balanced, min gain)
Gain Range	40 dB
Frequency Response	20 Hz - 20 kHz ( $\pm 0.15$ dB, min gain, 48 kHz)
Dynamic Range	113.9 dB (A-wtd, min gain)
THD + N	0.007% (1 kHz, -1 dBFS, min gain)
Input Impedance	10 k $\Omega$
<b>Instrument Inputs</b>	
Maximum Level	+15 dBu (unbalanced, min gain)
Gain Range	80 dB
Frequency Response	20 Hz - 20 kHz ( $\pm 0.1$ dB, 48 kHz, min gain)
Dynamic Range	114.7 dB (A-wtd, min gain)
THD + N	0.012% (1 kHz, -1 dBFS, min gain)
Input Impedance	1 M $\Omega$
<b>Line Outputs (Mains)</b>	
Type	$\frac{1}{4}$ " TRS Female, DC Coupled
Maximum Level	+18 dBu (balanced)
Frequency Response	20Hz - 20kHz ( $\pm 0.2$ dB, unity gain, 48 kHz)
Dynamic Range	109 dB (A-wtd)
THD + N	0.001% (1 kHz, -1 dBFS)
<b>Line Outputs (3/4)</b>	
Type	$\frac{1}{4}$ " TRS Female, DC coupled
Maximum Level	+18 dBu (balanced)
Frequency Response	20 Hz - 20 kHz (+/- 0.2 dB, unity gain, 48 kHz)
Dynamic Range	109 dB (A-wtd)
THD + N	0.0015% (1 kHz, -1 dBFS)
<b>Headphone Outputs</b>	
Maximum Power	150 mW/channel (56 $\Omega$ load)
Frequency Response	20 Hz - 20 kHz ( $\pm 0.2$ dB, 56 $\Omega$ load, 48 kHz)

Dynamic Range	107 dB (A-wtd, 56Ω load)
THD + N	0.002% (1 kHz, -1 dBFS, no load)
Impedance Working Range	32Ω to 300Ω
<b>Physical</b>	
Height	1.75" (44 mm)
Width	9" (229 mm)
Depth	5.5" (140 mm)
Weight	2.4 lbs (1 kg)