

PreSonus QUANTUM ES 2 2-in/2-out USB-C Audio Interface / 24-bit 192 kHz / MAX-HD Mic Preamps / Auto Gain

Accessories	
Included Accessories	1.5M USB-C to USB-C cable
Electronics	
Connectivity	USB-C
Headphone Jack	One - 1/4" TRS Female Stereo
Phantom Power	+48 VDC
General	
Color	Black
Series	Quantum
Inputs	
Instrument Inputs Dynamic Range	111 dB (A-Weighted, Minimum Gain)
Instrument Inputs Frequency Response	20 Hz to 20 kHz, +/- 0.2 dB (Unity Gain, Reference 1 kHz)
Instrument Inputs Gain Range	75 dB
Instrument Inputs Maximum Level	+15 dBu (Unbalanced, Minimum Gain)
Line Inputs Dynamic Range	114 dB (A-Weighted, Minimum Gain)
Line Inputs Frequency Response	20 Hz to 20 kHz, +/- 0.1 dB (Unity Gain, Reference 1 kHz)
Line Inputs Gain Range	+/- 10 dB
Line Inputs Impedance	10K Ohms
Line Inputs Maximum Level	+15 dBu (Balanced, Minimum Gain)
Line Inputs Total Harmonic Distortion	0.001% (1 kHz, Minimum Gain)
Microphone Input Connection Type	XLR Female (Combo), Balanced
Microphone Preamp Dynamic Range	113 dB (A-Weighted, Minimum Gain)
Microphone Preamp Equivalent Input Noise	-129 dBu (Maximum Gain, 150 Ohms, 22 kHz BW, A-Weighted)
Microphone Preamp Frequency Response	20 Hz to 20 kHz, +/- 0.2 dB (Unity Gain, Reference 1 kHz)
Microphone Preamp Gain Control Range	75 dB
Microphone Preamp Input Impedance	1600 Ohms
Microphone Preamp Maximum Input Level	+14 dBu (Balanced, Minimum Gain)
Microphone Preamp Total Harmonic Distortion	0.001% (1 kHz, Minimum Gain)
Measurements	
Product Depth	6.2" (158 mm)
Product Height	1.9" (48.3 mm)
Product Height/Length	1.9" (48.3 mm)

Product Weight	1.5 lb. (0.68 kg)
Product Width	6.9" (175 mm)
Miscellaneous	
Supported Sample Rates	44.1, 48, 88.2, 96, 176.4, 192 (kHz)
Output	
Headphone Outputs Dynamic Range	111 dB (A-Weighted)
Headphone Outputs Frequency Response	20 Hz to 20 kHz, +/- 0.2 dB (Unity Gain, Reference 1 kHz)
Headphone Outputs Impedance Working Range	22 Ohms
Headphone Outputs Maximum Output	7.5 dBu (50 Ohms)
Headphone Outputs Total Harmonic Distortion	0.02% (1 kHz)
Main And Line Outputs Dynamic Range	117 dB (A-Weighted)
Main And Line Outputs Frequency Response	20 Hz to 20 kHz, +/- 0.1 dB (Unity Gain, Reference 1 kHz)
Main And Line Outputs Maximum Level	+15 dBu (Balanced)
Main And Line Outputs Output Impedance	51 Ohms
Main And Line Outputs Total Harmonic Distortion	0.001% (1 kHz, +4 dBu)
Main Outputs Connection Type	1/4" TRS Female
Performance	
Digital Audio Bit Depth	24-bit
Digital Audio Dynamic Range	120 dB