

Presonus AudioBox 22VSL USB Audio Interface

Computer System Requirements:

Windows:

Windows XP, Windows Vista, Windows 7 (32- and 64-bit)
Intel Pentium 4 1.6 GHz processor or AMD Athlon 64 3000+ (Turion) (2.8 GHz or faster recommended)
1 GB RAM (2 GB or more recommended)

Macintosh:

Mac OS X 10.6 (Snow Leopard) or later (32- and 64-bit)
Intel Core 1 Solo 1.5 GHz processor (Intel Core Duo or Intel Xeon processor recommended)
1 GB RAM (2 GB or more recommended)

Windows and Mac Systems:

USB 2.0 Port
Internet connection recommended
DVD-ROM drive (required to install Studio One Artist)

Note that the speed of your processor, amount of RAM and size and speed of your hard drive will greatly affect the overall performance of your recording system. Also, a more powerful system (faster processor with more RAM) will allow for lower latency (signal delay) that you might experience while monitoring audio or MIDI signals.

Microphone Inputs:

Connector Type: Combo, XLR, female, balanced
Mic Preamp EIN: -129 dB, 20 kHz BW, max gain, $R_s=40\Omega$, A-wtd
Frequency Response: 20 Hz - 20 kHz, ± 0.3 dB, unity gain
THD+N: 0.005%, 0 dBu, 1 kHz, unity gain, 20 kHz BW, A-wtd
S/N Ratio: 94 dB, 0 dBu, 1 kHz, unity gain, 20 kHz BW, unwt'd
Gain Control Range: -15 dB to +65 dB
Input Max Headroom: +10 dBu, < 0.5% THD
Input Impedance: 1.7 k Ω
Phantom Power: +48 VDC, 10 mA total

Instrument Inputs:

Connector Type: Combo, $\frac{1}{4}$ " TS, female, unbalanced
Frequency Response: 20 Hz - 20 kHz, ± 0.3 dB, unity gain
THD+N: 0.006%, 0 dBu, 1 kHz, unity gain, 20 kHz BW, A-wtd
S/N Ratio: 89 dB, 0 dBu, 1 kHz, unity gain, 20 kHz BW, unwt'd
Gain Control Range: -30 dB to +50 dB
Input Max Headroom: +15 dBu, < 0.5% THD
Input Impedance: 1 M Ω

Analog Outputs:

Connector Type: $\frac{1}{4}$ " TRS, female, impedance balanced
Frequency Response: 20 Hz - 20 kHz, ± 0.2 dB
THD+N: 0.002%, 1 kHz, 20 kHz BW, A-wtd
S/N Ratio: 107 dB, 1 kHz, max gain, 20 kHz BW, unwt'd
Output Level: +10 dBu
Output Impedance: 51 Ω

Headphone Outputs:

Connector Type: $\frac{1}{4}$ " TRS, female, stereo
Maximum Power: 30 mW/ch @ 60 Ω load
Frequency Response: 20 Hz - 20 kHz, ± 0.5 dB, max gain
THD+N: 0.08%, 1 kHz, max gain, 20 kHz BW, A-wtd
S/N Ratio: 0 dB, 1 kHz, max gain, 20 kHz BW, unwt'd

Power:

Type: USB bus-powered, +5 VDC, < 500 mA

Digital:

Host Interface: USB 2.0 high-speed
Bit Depth: 24-bit
Sample Rates: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz
Latency: 2.8 ms - 6 ms, analog in to out.
ADC Dynamic Range: 114 dB, 48 kHz sample rate, A-wtd
DAC Dynamic Range: 114 dB, 48 kHz sample rate, A-wtd

Physical:

1/3U rack-mountable (with optional 3UMR rack-mounting system)
Road-rugged construction with all-metal chassis and metal knobs