Presonus AudioBox 44VSL 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 Macintosh 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:	-133 dB, 20 kHz BW, max gain, Rs=40Ω, A-wtd
Frequency Response:	20 Hz - 22 kHz, ±0.25 dB, unity gain
THD+N:	0.002%, +4 dBu, 1 kHz, unity gain, 22 kHz BW, A-wtd
S/N Ratio:	98 dB, +4 dBu, 1 kHz, unity gain, 22 kHz BW, A-wtd
Gain Control Range:	-15 dB to +65 dB
Input Max Headroom	+21 dBu, < 0.5% THD
Input Impedance:	10 kΩ
Phantom Power:	+48 VDC, 10 mA total

Line Inputs:

Connector Type:	Combo,¼" TRS, female, balanced
Frequency Response:	20 Hz - 22 kHz, ±0.25 dB, unity gain
THD+N:	0.002%, +4 dBu, 1 kHz, unity gain, 22 kHz BW, A-wtd
S/N Ratio:	98 dB, +4 dBu, 1 kHz, unity gain, 22 kHz BW, A-wtd
Gain Control Range:	-20 dB to +20 dB
Input Max Headroom	+21 dBu, < 0.5% THD
Input Impedance:	10 kΩ

Instrument Inputs:

Connector Type:	Combo, ¼" TS, female, unbalanced
Frequency Response:	20 Hz - 20 kHz, ±0.25 dB, unity gain
THD+N:	0.003%, +4 dBu, 1 kHz, unity gain, 22 kHz BW, A-wtd
S/N Ratio:	89 dB, +4 dBu, 1 kHz, unity gain, 22 kHz BW, A-wtd
Gain Control Range:	-30 dB to +50 dB
Input Max Headroom	+21 dBu, < 0.5% THD
Input Impedance:	1 MΩ

Analog Outputs:

Connector Type:	¼" TRS, female, impedance balanced
Frequency Response:	20 Hz - 20 kHz, ±0.25 dB
THD+N:	0.003%, 1 kHz, 22 kHz BW, A-wtd
S/N Ratio:	109 dB, 1 kHz, 22 kHz BW, A-wtd
Output Level:	+10 dBu, <0.5% THD
Output Impedance:	51Ω

Headphone Outputs:

Connector Type:	¼" TRS, female, stereo
Maximum Power:	120 mW/ch @ 60Ω load
Frequency Response:	20 Hz - 20 kHz, ±0.5 dB, max gain
THD+N:	0.01%, 1 kHz, max gain, 20 kHz BW, A-wtd
S/N Ratio:	90 dB, 1 kHz, max gain, 20 kHz BW, unwtd

Power:

External Power Adapter	+12 VDC, 1 A, center-positive
Connector Type:	Barrel: 5.5 mm OD, 2.1 mm ID, 9.5 mm length

Digital:

ADC Dynamic Range:	114 dB, 48 kHz, A-wtd
DAC Dynamic Range:	114 dB, 48 kHz, A-wtd
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
MIDI I/O:	5-pin DIN connectors

Physical:

1/2U rack-mountable (screw-mount to standard rack tray, not included)

Road-rugged construction with all-metal chassis and metal knobs

12 VDC external power supply (included)