AudioBox™ VSL Series
The first USB 2.0 interfaces that can improve the way you record. And perform.
You’ll make dramatically better recordings when you can hear real-time reverb, compression, and EQ in your headphones.

Easy to do if you have a digital mixer or outboard effects processors.

Impossible if you try to use DAW effects plug-ins.

So we sliced up a StudioLive™ 16.0.2 digital mixer and put its Fat Channel processors into each AudioBox™ VSL interface and then added effects.
A whole rack of signal processors and digital effects... in your interface!

We can’t emphasize it enough: You need to hear signal processing and especially effects such as reverb in your headphones while you’re tracking.

Others have tried adding a few effects into an interface. But nobody has been able to offer the power of AudioBox VSL software: reverb, delay, compression, limiting, 3-band semi-parametric EQ, noise gate, and highpass filter. All with inaudible delay, thanks to our ingenious kernel-mode processing.
First we created digital mixers with a unique Fat Channel that delivers a whole rack of 32-bit digital signal processing.

Then we created PreSonus Virtual StudioLive (VSL), software that duplicates control of mixer functions, Fat Channel processing, and delay and reverb on your laptop computer.

Now we’ve created three smaller versions of Virtual StudioLive for our new AudioBox VSL interfaces. You get a rich palette of effects, in real time, in your headphones when you record — or through your P.A. on stage. Plus all the mixing functions and 50 Fat Channel presets for enhancing instruments and vocals.
How we solved the problem of latency.

All interfaces have a headphone jack. But what comes out is exactly what goes in. No effects.

Since you’re recording into a DAW program, the logical “solution” is to get effects and processing from DAW plug-ins.

**Bad idea.**

It results in latency (delay) so great — typically >10 ms, and worse as you add more plug-ins — that your headphones sound like you’re driving through a tunnel, and your guitar strumming feels wrong. This echo-y syndrome really hurts your performance (unless you’re dubbing kung-fu movies).

This delay (latency) gets worse when you add plug-ins, such as reverb, EQ, and compression. Bottom line: Plug-in effects just don’t work, even on the fastest computer.

**Our solution** handles DSP processing in the kernel, where drivers live in your computer underneath all the GUI applications. We bypass the added delay of sending audio to and from your DAW program, waiting for it to process your sound and sending it back to the driver.

The result on fast computers is 3.2 ms — and on average computers 4.5 ms. That’s about how long it takes for sound to travel six feet. You don’t hear any delay when somebody talks to you from that distance. That’s why we call AudioBox VSL effects latency “inaudible.”

Keep in mind that 4.5 ms is about **FOUR TIMES** faster than competing systems. So only with AudioBox VSL can you have effects, EQ, and dynamics in your headphones instead of just boring level and pan.

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1 We based this figure on: an AudioBox VSL 2; a fast Mac computer on running Studio One Artist set at its lowest buffer rate (32 samples), input at 44.1 kHz; reverb (Native Effects™ Room Reverb), compression (Native Effects™ Compressor) and EQ (Native Effects™ Pro EQ) plug-ins operating. Some other “famous” DAW programs and chains of plug-ins can result in far slower results (more latency). For further information on latency, download our Latency White Paper. It’s available behind the DOWNLOADS tab on each AudioBox VSL product page @ www.presonus.com.

2 We based these figures on: an AudioBox VSL2; a Mac computer running Studio One Artist; input at 44.1 kHz; AudioBox VSL reverb, compression, and EQ effects operating. Latency time at higher sample rates: 48 kHz, 3.5 ms; 88.2 kHz, 2.6 ms; 96 kHz, 2.5 ms. For further information on latency, download our Latency White Paper. It’s available behind the DOWNLOADS tab on each AudioBox VSL product page @ www.presonus.com.

3 Speed of 1,100 feet per sec. / 340m per sec., at sea level, with miserable Baton Rouge, Louisiana, humidity.
Okay, we'll just come out and say it. Some studio engineers consider USB interfaces sort of wussy. The AudioBox VSL1818 proves them wrong. It thrives on up to 18 simultaneous inputs, including 8 Class A XMAX mic preamps. It has word-clock output, eight channels of ADAT optical I/O*, and stereo SPDIF coax input/output.

You also get seven-segment ladder metering, bank-switched phantom power, and eight balanced outputs.

Packed with StudioLive Fat Channel features, the AudioBox 1818VSL should seriously be considered as an onstage 26 x 8 mixer for any small group that's comfortable mixing through a laptop.

To top it off, you can wirelessly remote control your AudioBox 1818VSL with an iPad® using free PreSonus AB1818VSL software. The iPad controls VSL on your Mac or PC, which in turn controls the interface.

But whether it's the centerpiece of your project studio, part of a live-recording rig, or used on stage, you're gonna love this interface's performance.

- 24-bit / 96 kHz 18 x 18 USB 2.0 recording interface
- 2 dual-purpose, front-panel input channels with:
  - Combo XLR mic and balanced ¼" instrument input
  - Class A XMAX™ mic / instrument preamp
- Individual channel-trim controls with 0 to +35 dBu mic gain range
- 6 dual-purpose, front-panel input channels with:
  - Combo XLR mic and balanced ¼" line input
  - Class A XMAX™ mic preamp
- Individual channel-trim controls with 0 to +35 dBu mic gain range
- True +48V phantom power for condenser microphones (switchable in two banks for channels 1-4 and 5-8)
- Headphone jack with level control
- Main-output level control
- Power/USB sync LED
- LED clip indicator for each channel
- L/R main output meter (dual 7-segment LED ladder)
- Mix, adjust input and playback-returns levels, and add effects and other processing from your laptop or other computer
- Virtual StudioLive™ (VSL) control software included; manages:
  - Near-zero-latency monitoring with extensive signal processing
  - 26 x 8 DSP mixer
  - StudioLive™ 16.0.2 Fat Channel compressor, limiter, expander, high-pass filter, and semi-parametric EQ for each analog input and its DAW return
  - 2 stereo effects buses with reverb and delay
  - More than 50 Fat Channel DSP presets for enhancing instrument and vocal recordings
  - AB1818VSL wireless control software for iPad (free from Apple App Store)
- Controls VSL for Mac/Windows over wireless network, which controls the AudioBox 1818VSL

- Input/Output
  - 1 USB 2.0 port
  - 2 combo XLR / ¼" mic / instrument inputs
  - 6 combo XLR / ¼" balanced mic/line inputs
  - 2 balanced ¼" main (L/R) line outputs
  - 6 balanced ¼" auxiliary (L/R) line outputs
  - 8 channels ADAT optical input and output (at 44.1 or 48 kHz, 4 channels at 88.2 or 96 kHz)

- * 4 channels at 88.2 or 96 kHz.
- 45V 1.5
- Mic-Instrument
- 1 2 3 4 5 6 7 8
- Mic-Line
- USB 2.0
- SYNC (Word Clock) OUT
- ADAT IN / OUT
- SPDIF IN / OUT
- MIDI IN / OUT
- MAIN OUT
- balanced TRS

- 8 balanced TRS LINE OUTPUTS

AudioBox™ 1818VSL 18-in / 18-out Interface
AudioBox™ 1818VSL 18-in / 18-out Interface

- 2 channels (stereo) S/PDIF coaxial input and output
- 1 stereo 1/4” headphone output
- 1 BNC word-clock output
- MIDI In/Out

- Digitalia
  - 24-bit resolution and 44.1, 48, 88.2, and 96 kHz sampling rate
  - Professional-grade A/D/A converters (+114 dBu dynamic range)
  - Mac®, and Windows®-compatible, including Mac OS X 10.8 (Mountain Lion) and later and Windows 7 and 8 (x32 / x64)
  - Supports ASIO, Core Audio, Windows Audio Session API

- Physical
  - 1U rack-mountable
  - Road-rugged construction with all-metal chassis and metal knobs
  - 12 VDC external power supply (included)

- Software
  - AudioBox VSL, PreSonus’ groundbreaking control software
  - Studio One Artist, PreSonus’ wireless control software for Apple iPad
  - Studio One Artist, PreSonus’ easy-to-use digital audio workstation with unlimited track count and 4+ GB of third-party resources included
  - AB1818VSL, PreSonus’ wireless control software for Apple iPad

- Supports a variety of file formats, including CAF Apple Loops (OS X only) and REX files
- Up to five installations and activations
- Native Effects™ 32-bit effects library with 28 dynamics processors, reverbs, modulations effects, amp simulators, etc.
- Ampire XT - Guitar-amplifier modeler
- Analog Delay - Tape delay emulation
- Auto Filter - Envelope filter
- Beat Delay - Tempo-synchronized delay
- Binaural Pan - Stereo panner and imager
- Channel Strip - Compressor/expander/ equalizer
- Chorus - 3-voice chorus with stereo width
- Compressor - Full-featured RMS compressor with sidechain
- Dual Pan - Independent L/R channel panner
- Expander - Downward expander with sidechain
- Fat Channel – Native version of StudioLive Fat Channel
- Flanger - Flanger with temp sync
- Gate - Noise gate with MIDI trigger output
- Level Meter – Resizable, multiscale level meter
- Limiter - Brickwall peak limiter
- Mixtool - Phase and MS channel utility
- MixVerb - Mono/stereo reverb
- Phase Meter - Phase-correlation analyzer
- Phaser - Multistage allpass filter phaser
- Pro EQ - 7-band parametric equalizer
- Redlight Dist™ – Analog distortion emulator
- Room Reverb - Room simulator
- Scope - Digital oscilloscope
- Spectrum Meter - Frequency analyzer
- Tricomp™ - Basic multiband compressor
- Tuner - Chromatic instrument tuner
- X-Trem - Tremolo/autopanner with tempo sync and step-sequence modulation

- Four virtual instruments
- Impact™ Sample Trigger Drum Instrument with 32 drum kits by Ueberschall™
- Presence™ Sample Player Virtual Instrument with 200 sampled instruments by Digital Sound Factory™
- SampleOne™ Sampler Virtual Instrument
- Mojito Analog-Modeling Subtractive Synthesizer
- Native Instruments™ Kore™ Player with 150 instruments
- Almost 2.5 GB of loops and other content
- Free jambalaya recipe!

- Studio One Artist
  - Elegant single-window work environment
  - Powerful drag-and-drop functionality
  - Unlimited audio tracks, MIDI tracks, virtual instruments, buses, and FX channels
  - Single and multitrack comping
  - Editable Folder Tracks
  - Content browser with convenient sort options and preview player
  - Transient detection and editable markers
  - Drag-and-drop groove extraction
  - Multitrack MIDI editing
  - Multitrack Track Transform
  - Event-based effects
  - Macro Toolbar
  - Nimbit™ extension (market and sell music)
  - Automatic latency compensation
  - Advanced automation

- Easy-to-use sidechain routing
- Stunning virtual instruments
- Unlimited, random access Undo history
- Most intuitive MIDI-mapping system available
- Mackie Control and HUI support
- Real-time, dynamic audio timestretching and resampling
- Compatible with any ASIO-, Windows Audio-, or Core Audio-compliant audio interface
- Works with Pro Tools, Cubase, and Logic key commands
- Key-command editor with Learn and Search—create your own shortcuts

- AB1818VSL, PreSonus’ wireless control software for Apple iPad
- Studio One Artist, PreSonus’ easy-to-use digital audio workstation with unlimited track count and 4+ GB of third-party resources included

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- Dual Pan - Independent L/R channel panner
- Expander - Downward expander with sidechain
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- Flanger - Flanger with temp sync
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- Phase Meter - Phase-correlation analyzer
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- Tuner - Chromatic instrument tuner
- X-Trem - Tremolo/autopanner with tempo sync and step-sequence modulation

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- Presence™ Sample Player Virtual Instrument with 200 sampled instruments by Digital Sound Factory™
- SampleOne™ Sampler Virtual Instrument
- Mojito Analog-Modeling Subtractive Synthesizer
- Native Instruments™ Kore™ Player with 150 instruments
- Almost 2.5 GB of loops and other content
- Free jambalaya recipe!
AudioBox™ 1818VSL 18-in / 18-out Interface

AudioBox 1818VSL 26 x 8 monitor mixer
AudioBox™ 44VSL 4-in / 4-out Interface

For live recording or studio multi-tracking with Fat Channel processing and digital effects, the AudioBox 44VSL will yield impressive results. As you can see from the screenshot on the previous page, we really have added a big slice of the StudioLive 16.0.2’s capabilities, including individual outputs and effects channels. That means the AudioBox 44VSL makes a perfect mixer for use with one vocal mic, one guitar, and stereo backing tracks. You can run all those cool Fat Channel effects directly into your P.A. and record your gig at the same time with Studio One Artist!

- 24-bit / 96 kHz 4 x 4 USB 2.0 recording interface
- 2 dual-purpose, front-panel input channels with:
  - Combo XLR mic and balanced ¼” instrument input
  - Class A XMAX™ mic / instrument preamp
  - Individual channel-trim controls with 0 to +35 dBu mic gain range
- 2 dual-purpose, front-panel input channels with:
  - Combo XLR mic and balanced ¼” line input
  - Class A XMAX™ mic preamp
  - Individual channel-trim controls with 0 to +35 dBu mic gain range
- True +48V phantom power for condenser microphones (global)
- Mixer control (blends the input signal with the computer playback stream for zero-latency analog monitoring)
- Headphone jack with level control
- Main-output level control
- Power/USB sync LED
- LED clip indicator for each channel
- Mix, adjust input and playback-returns levels, and add effects and signal processing from your laptop or other computer
- Virtual StudioLive™ (VSL) control software included; manages:
  - Near-zero-latency monitoring with extensive signal processing
  - 8 x 4 DSP mixer
  - StudioLive™ 16.0.2 Fat Channel compressor, limiter, expander, high-pass filter, and semi-parametric EQ for each analog input and its DAW return
  - 2 stereo effects buses with reverb and delay
  - More than 50 Fat Channel DSP presets for enhancing instrument and vocal recordings

**Input/Output**
- 1 USB 2.0 port
- 2 combo XLR / ¼” mic/instrument inputs
- 2 combo XLR / ¼” mic/line inputs
- 2 balanced ¼” main (L/R) line outputs
- 4 balanced ¼” auxiliary (L/R) line outputs
- 1 stereo ¼” headphone output
- MIDI In/Out

**Digitalia**
- 24-bit resolution and 44.1, 48, 88.2, and 96 kHz sampling rate
- Professional-grade A/D/A converters (+114 dBu dynamic range)
- Zero-latency analog monitoring with playback/input Mix control knob
- Mac®- and Windows®-compatible, including Mac OS X 10.8 (Mountain Lion) and later and Windows 7 and 8 (x32 / x64)
- Supports ASIO, Core Audio, Windows Audio Session API

**Physical**
- 1/2U rack-mountable
- Road-rugged construction with all-metal chassis and metal knobs
- 12 VDC external power supply (included)

**Software**
- AudioBox VSL, PreSonus’ groundbreaking control software
- Studio One Artist, PreSonus’ powerful but easy-to-use digital audio workstation, with unlimited track count and 4+ GB of third-party resources
AudioBox™ 44VSL 4-in / 4-out Interface

Studio One Artist

- Elegant single-window work environment
- Powerful drag-and-drop functionality
- Unlimited audio tracks, MIDI tracks, virtual instruments, buses, and FX channels
- Single and multitrack comping
- Editable Folder Tracks
- Content browser with convenient sort options and preview player
- Transient detection and editable markers
- Drag-and-drop groove extraction
- Multitrack MIDI editing
- Multitrack Track Transform
- Event-based effects
- Macro Toolbar
- Nimbit® extension (market and sell music)
- Automatic latency compensation
- Advanced automation

- Supports a variety of file formats, including CAF Apple Loops (OS X only) and REX files
- Up to five installations and activations
- Native Effects™ 32-bit effects library with 28 dynamics processors, reverbs, modulations effects, amp simulators, etc.
- Ampire XT - Guitar-amplifier modeler
- Analog Delay - Tape delay emulation
- Auto Filter - Envelope filter
- Beat Delay - Tempo-synchronized delay
- Binaural Pan - Stereo panner and imager
- Channel Strip - Compressor/expander/equalizer
- Chorus - 3-voice chorus with stereo width
- Compressor - Full-featured RMS compressor with sidechain
- Dual Pan - Independent L/R channel panner
- Expander - Downward expander with sidechain
- Fat Channel - Native version of StudioLive Fat Channel
- Flanger - Flanger with temp sync
- Gate - Noise gate with MIDI trigger output
- Level Meter - Resizable, multiscale level meter
- Limiter - Brickwall peak limiter
- Mixtool - Phase and MS channel utility
- MixVerb - Mono/stereo reverb
- Phase Meter - Phase-correlation analyzer
- Phaser - Multistage allpass filter phaser
- Pro EQ - 7-band parametric equalizer
- Redlight Dist™ - Analog distortion emulator
- Room Reverb - Room simulator
- Scope - Digital oscilloscope
- Spectrum Meter - Frequency analyzer
- Tricomp™ - Basic multiband compressor
- Tuner - Chromatic instrument tuner
- X-Trem - Tremolo/autopanner with tempo sync and step-sequence modulation

- Easy-to-use sidechain routing
- Stunning virtual instruments
- Unlimited, random access Undo history
- Most intuitive MIDI-mapping system available
- Mackie Control and HUI support
- Real-time, dynamic audio timestretching and resampling
- Compatible with any ASIO-, Windows Audio-, or Core Audio-compliant audio interface
- Works with Pro Tools, Cubase, and Logic key commands
- Key-command editor with Learn and Search—create your own shortcuts

- Four virtual instruments
- Impact™ Sample trigger Drum Instrument with 32 drum kits by Ueberschall™
- Presence™ Sample Player Virtual Instrument with 200 sampled instruments by Digital Sound Factory™
- SampleOne™ Sampler Virtual Instrument
- Mojito Analog-Modeling Subtractive Synthesizer
- Native Instruments™ Kore™ Player with 150 instruments
- Almost 2.5 GB of loops and other content
- Free jambalaya recipe!
AudioBox™ 44VSL 4-in / 4-out Interface

AudioBox 44VSL 8 x 4 monitor mixer
AudioBox™ 22VSL 2-in / 2-out Interface

Effects and Fat Channel signal processing in your headphones… premium XMAX™ mic preamps that render the finest details with maximum dynamic range…even the most compact AudioBox VSL lets you create studio-quality recordings. The bus-powered AudioBox 22VSL can go anywhere to capture those flashes of music inspiration.

- 24-bit / 96 kHz 2 x 2 USB 2.0 recording interface
- 2 dual-purpose front-panel input channels, each with:
  - Combo XLR mic and balanced ¼” instrument input
  - Class A XMAX™ mic / instrument preamp
- Channel-trim control with 0 to +35 dBu mic gain range
- LED clip indicator
- 48V phantom power for condenser microphones (global)
- Mixer control (blends the input signal with the computer playback stream for zero-latency monitoring)
- Headphone jack with level control
- Main Output level control
- Virtual StudioLive™ (VSL) control software included; manages:
  - Near-zero-latency monitoring with extensive signal processing
  - 4 x 2 DSP mixer
  - StudioLive™16.0.2 Fat Channel compressor, limiter, expander, high-pass filter, and semi-parametric EQ for each analog input and its DAW return
  - 2 stereo effects buses with reverb and delay
  - More than 50 Fat Channel DSP presets for enhancing instrument and vocal recordings
- Input/Output
  - 1 USB 2.0 port
  - 2 combo XLR / ¼” mic/instrument inputs
  - 2 balanced ¼” main (L/R) line outputs
  - 1 stereo ¼” headphone output
  - MIDI In/Out
- Digitalia
  - 24-bit resolution and 44.1, 48, 88.2, and 96 kHz sampling rate
  - Professional-grade A/D/A converters (+114 dBu dynamic range)
  - Mac®- and Windows®-compatible, including Mac OS X 10.8 (Mountain Lion) and later and Windows 7 and 8 (x32 / x64)
  - Supports ASIO, Core Audio, Windows Audio Session API
- Physical
  - 1/3U rack-mountable
  - Rugged construction with all-metal chassis and metal knobs
  - Weighs just 1.6 lb. (0.7 kg)
  - Powered via USB bus—no wall wart!
- Software
  - AudioBox VSL, PreSonus’ groundbreaking control software
  - Studio One Artist, PreSonus’ easy-to-use digital audio workstation with unlimited track count and 4+ GB of third-party resources included
Studio One Artist

- Elegant single-window work environment
- Powerful drag-and-drop functionality
- Unlimited audio tracks, MIDI tracks, virtual instruments, buses, and FX channels
- Single and multitrack comping
- Editable Folder Tracks
- Content browser with convenient sort options and preview player
- Transient detection and editable markers
- Drag-and-drop groove extraction
- Multitrack MIDI editing
- Multitrack Track Transform
- Event-based effects
- Macro Toolbar
- Nimbit® extension (market and sell music)
- Automatic latency compensation
- Advanced automation

- Easy-to-use sidechain routing
- Stunning virtual instruments
- Unlimited, random access Undo history
- Most intuitive MIDI-mapping system available
- Mackie Control and HUI support
- Real-time, dynamic audio timestretching and resampling
- Compatible with any ASIO-, Windows Audio-, or Core Audio-compliant audio interface
- Works with Pro Tools, Cubase, and Logic key commands
- Key-command editor with Learn and Search—create your own shortcuts
- Supports a variety of file formats, including CAF Apple Loops (OS X only) and REX files
- Up to five installations and activations
- Native Effects™ 32-bit effects library with 28 dynamics processors, reverb, modulations effects, amp simulators, etc.
- Ampire XT - Guitar-amplifier modeler
- Analog Delay - Tape delay emulation
- Auto Filter - Envelope filter
- Beat Delay - Tempo-synchronized delay
- Binaural Pan - Stereo panner and imager
- Channel Strip - Compressor/expander/equalizer
- Chorus - 3-voice chorus with stereo width
- Compressor - Full-featured RMS compressor with sidechain
- Dual Pan - Independent L/R channel panner
- Expander - Downward expander with sidechain
- Fat Channel – Native version of StudioLive Fat Channel
- Flanger - Flanger with temp sync
- Gate - Noise gate with MIDI trigger output
- Level Meter – Resizable, multiscale level meter
- Limiter - Brickwall peak limiter
- Mixtool - Phase and MS channel utility
- MixVerb - Mono/stereo reverb
- Phase Meter - Phase-correlation analyzer
- Phaser - Multistage allpass filter phaser
- Pro EQ - 7-band parametric equalizer
- Redlight Dist™ - Analog distortion emulator
- Room Reverb - Room simulator
- Scope - Digital oscilloscope
- Spectrum Meter - Frequency analyzer
- Tricomp™ - Basic multiband compressor
- Tuner - Chromatic instrument tuner
- X-Trem - Tremolo/autopanner with tempo sync and step-sequence modulation
- Four virtual instruments
- Impact™ Sample Trigger Drum Instrument with 32 drum kits by Ueberschall™
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- SampleOne™ Sampler Virtual Instrument
- Mojito Analog-Modeling Subtractive Synthesizer
- Native Instruments™ Kore™ Player with 150 instruments
- Almost 2.5 GB of loops and other content
- Free jambalaya recipe!

AudioBox™ 22VSL 2-in / 2-out Interface
The interfaces that are also live-performance mixers.

If you’re comfortable mixing on a laptop, our AudioBox 44VSL and 1818VSL interfaces make great live mixers for solo acts and small combos. Since AudioBox VSL software gives you all of our StudioLive 16.0.2 digital mixer’s Fat Channel processing, plus multi-parameter reverb and delay, you can route them to your P.A. and monitor...while recording your whole multitrack performance in Studio One at the same time!
Minimum Computer System Requirements for the AudioBox 22VSL, 44VSL, and 1818VSL

Windows®
- Windows 7 x64/x32 SP1, Windows 8 x64/x32
- Intel Core Duo or AMD Athlon processor (Intel Core 2 Duo or AMD Athlon X4 or better recommended)
- 2 GB RAM (4 GB or more recommended)

Mac®
- Mac OS X 10.8 or later
- Intel Core Duo processor (Intel Core 2 Duo or Intel Core i3 or better recommended)
- 2 GB RAM (4 GB or more recommended)

AudioBox®
- VS 22
  - Analog Inputs: Two Mic / Instrument
  - XMAX Preamps: Two XLR with phantom power
  - Analog Outputs: 2¼" TRS Mains, ¼" Headphones
  - MIDI: In and Out
  - DSP Effects: Near-zero-latency effects and same Fat Channel processing as StudioLive 16.0.2 digital mixer
  - Included Software: Virtual StudioLive with AudioBox VSL 22 x 2
  - Front Panel: Trim, Mains, Phones, Mix, 48V controls; Power (blue), Clip (red) LEDs
  - USB: 2.0 (high speed)
  - Bit Depth/Sample Rate: 24 bit / 96 kHz
  - Converters: ADC/DAC 114 dB dynamic range
  - XMAX Mic Preamp EIN: -129 dB, 20 kHz BW, max gain, Rs=40Ω, A-wtd
  - XMAX Mic Preamp Frequency Response: 20 Hz - 20 kHz, ±0.3 dB, unity gain
  - XMAX Mic Preamp THD+N: 0.005%, 0 dBu, 1 kHz, unity gain, 20 kHz BW, A-wtd
  - XMAX Mic Preamp S/N Ratio: 94 dB, 0 dBu, 1 kHz, unity gain, 20 kHz BW, unwtd
  - S/PDIF: —
  - ADAT: —
  - Word Clock: —
  - Power: USB Bus Power
  - Configuration: 1/3U rack-mountable (with optional 3UMR rack-mounting system)
  - Weight: 1.6 lb. (0.7 kg)

- VS 44
  - Analog Inputs: Two Mic / Instrument + 2 Mic / Line
  - XMAX Preamps: Four XLR with phantom power
  - Analog Outputs: 2¼" TRS Mains, ¼" TRS General Purpose, ¼" Headphones
  - MIDI: In and Out
  - DSP Effects: Near-zero-latency effects and same Fat Channel processing as StudioLive 16.0.2 digital mixer
  - Included Software: Virtual StudioLive with AudioBox VSL 44 8 x 4
  - Front Panel: Trim, Mains, Phones, Mix, 48V controls; Power/Sync (red/blue), Clip (red) LEDs
  - USB: 2.0 (high speed)
  - Bit Depth/Sample Rate: 24 bit / 96 kHz
  - Converters: ADC/DAC 114 dB dynamic range
  - XMAX Mic Preamp EIN: -133 dB, 20 kHz BW, max gain, Rs=40Ω, A-wtd
  - XMAX Mic Preamp Frequency Response: 20 Hz - 22 kHz, ±0.25 dB, unity gain
  - XMAX Mic Preamp THD+N: 0.002%, +4 dBu, 1 kHz, unity gain, 22 kHz BW, A-wtd
  - XMAX Mic Preamp S/N Ratio: 97 dB, +4 dBu, 1 kHz, unity gain, 22 kHz BW, A-wtd
  - S/PDIF: —
  - ADAT: —
  - Word Clock: —
  - Power: USB Bus Power
  - Configuration: 1/2U rack-mountable (screw-mount to standard rack tray, not included)
  - Weight: 2.6 lb. (1.2 kg)

- VS 1818
  - Analog Inputs: Eight XLR 2 Mic / Line 2 Mic / Instrument + 6 Mic / Line
  - XMAX Preamps: Eight XLR with phantom power
  - Analog Outputs: 2¼" TRS Mains, 4¼" TRS General Purpose, ¼" Headphones
  - MIDI: In and Out
  - DSP Effects: Near-zero-latency effects and same Fat Channel processing as StudioLive 16.0.2 digital mixer
  - Included Software: Virtual StudioLive with AudioBox VSL 1818
  - Front Panel: Trim, Mains, Phones, 48V x 2 controls; Power/Sync (red/blue), Clip (red) LEDs
  - USB: 2.0 (high speed)
  - Bit Depth/Sample Rate: 24 bit / 96 kHz
  - Converters: ADC/DAC 114 dB dynamic range
  - XMAX Mic Preamp EIN: -133 dB, 20 kHz BW, max gain, Rs=40Ω, A-wtd
  - XMAX Mic Preamp Frequency Response: 20 Hz - 22 kHz, ±0.25 dB, unity gain
  - XMAX Mic Preamp THD+N: 0.002%, +4 dBu, 1 kHz, unity gain, 22 kHz BW, A-wtd
  - XMAX Mic Preamp S/N Ratio: 97 dB, +4 dBu, 1 kHz, unity gain, 22 kHz BW, A-wtd
  - S/PDIF: —
  - ADAT: —
  - Word Clock: —
  - Power: USB Bus Power
  - Configuration: 1U rack-mountable
  - Weight: 4.6 lb. (2.1 kg)

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) while monitoring audio or MIDI tracks.

Visit www.presonus.com AudioBox VSL product pages / Tech Specs tab for known compatible and incompatible hardware.

All specifications subject to change.

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