

StudioLive™ 16.4.2

digital recording and performance mixer



 **PreSonus**

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StudioLive™ is the most powerful and flexible sixteen-channel digital mixer the world has seen. Loaded with sixteen high headroom XMAX microphone preamplifiers, built-in 22x18 FireWire recording and playback engine, "Fat Channel" processing with 4-band EQ's, compressors, limiters, gates, DSP effects, six aux buses, four sub-groups, extensive LED metering, mixer save/recall, channel-strip save/recall/copy/paste, talkback and more, StudioLive breaks new boundaries for music performance and production.

Loaded with Racks of Effects

StudioLive is loaded with everything needed for professional live sound production totaling 22 compressors, 22 limiters, 22 gates, 22 high pass filters, 2 stereo reverb/delay's, 2 graphic equalizers, 2 master stereo limiters and more, saving you loads of money and trips from the trailer during load in/out. All StudioLive digital effects are created and processed with 32-bit floating point precision for maximum sonic performance and enhanced musicality.

Best in Both Worlds

StudioLive seamlessly integrates a professional digital mixer with a complete multi-channel recording system delivering the most creative environment available for both live performance and studio music production. Take your recording studio to the gig, and have your soundman record and even enhance your shows with the power of StudioLive.

Get creative in the studio. Record with or without Fat Channel or DSP effects processing. Create mixes, loops, sound effects and more, then bring them out to your show and mix them with the live performance. Process channels using your favorite plug-ins, and completely automate your entire show using your favorite music recording and production software. StudioLive completely revolutionizes music production opening endless creative possibilities.

Award Winning Preamplifiers



StudioLive is loaded with sixteen award-winning high-voltage Class A XMAX microphone preamplifiers. XMAX preamplifiers which are also found in the FireStudio line of recording interfaces from PreSonus deliver ultra high headroom, low noise and unmatched sonic performance.

Powerful and Easy Digital Mixing

StudioLive features an innovative and intuitive "QuickTouch" design allowing fast access to every parameter, mix, effect, and aux, allowing quick and creative control during music production. Load and save functions are also included to create snapshots of channel settings, save effect settings, recall a complete mix, and more. All digital mixing and effects processing is done with 32-bit floating point precision for unmatched musicality.

Fat Channel

(EQ, Compressor, Limiter, Gate, on every channel)

The heart of StudioLive is the "Fat Channel" engaged by pressing any "select" button, and features extensive equalization and dynamics available to every input channel, every aux output, every subgroup output, and main output. High pass filter, and four-band semi-parametric equalization algorithms are based on PreSonus' custom-designed digital EyeQ™ equalizer, delivering extremely musical results. Also included in the Fat Channel are compressors, limiters and gates modeled after PreSonus' award-winning ACP88 for complete dynamics control.

DSP Effects

Two programmable 24-bit stereo DSP effects engines are loaded in StudioLive with a wide range of reverbs, delays, and time-based effects with easy to use parameter adjustment, tap tempo, store, recall, and scene selection for ultimate creative flexibility.

Load and Save Your Settings

StudioLive allows you to save all of your digital settings for quick setup and recall. Save "scenes" (all settings), channel strips (Fat Channel), and individual DSP effects for ultimate ease, quickness and control.

Professional Sound Quality

StudioLive spares no expense when it comes to sound quality. All digital mixing is done with ultra high headroom 32-bit floating point processing for optimal sonic performance. Analog input and output is converted to digital audio with the highest-quality digital converters available delivering dynamic range of 118dB for spectacular sonic results and unmatched musicality.



Built-in 22x18 FireWire Recording

StudioLive includes PreSonus' award-winning FireWire technology with JetPLL™ synchronization delivering 22 channels of recording and 18 channels of simultaneous playback. Each FireWire recording channel can be set to record either pre or post Fat Channel signal processing giving total flexibility and power. StudioLive can also return 18 FireWire playback channels from your recording and production software for remixing and live performance with pre-recorded tracks, as well as studio mixing using the mixer's internal signal processing and summing algorithms.

JetPLL™
WAVE

Integrated Multi-Track Recording Software-TrackLive

StudioLive 16.4.2 also ships complete with TrackLive multi-track recording software so you can effortlessly record your shows right out of the box. TrackLive software was designed to interface with StudioLive 16.4.2 perfectly to allow instant setup and recording of performances. With the look and feel of industry standard digital multi-track hard disk recorders, TrackLive software is instantly familiar to every musician and engineer. TrackLive software gives you full editing capability as well as export to wav file formats for compatibility with ProTools, Cubase, Nuendo, Logic, Sonar and all other recording and music production software. Or you can play back your recorded tracks into StudioLive 16.4.2 via FireWire and mix your tracks with the mixing power and capabilities of StudioLive 16.4.2, then record the final mix back to TrackLive! Now that's power!



Applications

- Band live sound mixing / recording / production
- Studio Recording and Mixing
- Keyboard Mixer
- Permanent Installation
- House of Worship
- Broadcast Mixer
- Podcast Mixer
- Nightclub Mixer
- Schools

Key Features

- 16 inputs, 6 auxiliary mixes, 4 subgroups
- 16 class A XMAX microphone preamplifiers
- Hi-Definition analog to digital converters (118dB dynamic range)
- Unlimited headroom 32-bit floating point digital mixing and effects processing
- 22x18 FireWire digital recording interface
- Mixer "scene" load/save/recall of all settings
- Fat Channel Select
 - o High Pass Filter
 - o Compressor
 - o Limiter
 - o Gate
 - o 4-band semi parametric EQ
 - o Pan
 - o Load/Save
- 2 Master DSP Effects (reverbs, delays, time-based effect, with load/save)
- 100mm long throw faders
- Military grade quick touch push buttons
- Fast-acting LED meters
- Talkback communication system
- Compact 19" rack-mountable rugged steel chassis
- TrackLive multi-track recording software





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