PreSonus StudioLive 16R 16x8 Digital Rack Mixer with 16 Recallable XMAX Preamps

Computer system requirements:

Below are the minimum computer-system requirements for UC Surface, QMix®-UC, and Studio One®.

Mac

- Mac® OS X 10.8.5 64-bit or later
- Intel® Core™ 2 Duo processor (Intel Core i3 or faster recommended)
- 4 GB RAM (8 GB or more recommended)

Windows

- Windows® 7 x64/x86 SP1 + platform update, Windows 8.1 x64/x86, Windows 10 x64/x86
- Intel Core 2 Duo (Intel Core i3 or faster recommended)
- 4 GB RAM (8 GB or more recommended)

Mac and Windows Systems

- USB 2.0 port
- Internet connection
- Internal or external 7200 RPM storage drive highly recommended
- 34 GB hard disk space
- Monitor with 1366x768 resolution

iOS

- iOS 9.3 or later
- iPad Pro, iPad Air 2, iPad Air, iPad mini 4, iPad mini with Retina display, iPad (4th generation), iPad mini, iPad (3rd generation), iPad 2

Android (QMix-UC)

- Android™ 5.0 (Lollipop) or later
- Android smartphone (QMix-UC)
- Android tablet (8-inch) with 1024x768 resolution (UC Surface)

Note: The minimum system requirements may differ for DAWs other than Studio One. Please check the requirements for your DAW of choice with its manufacturer. 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) than you might experience while monitoring audio signals.

Microphone Preamplifier	
Input Type	Combo locking XLR mic-¼" TRS line
Frequency Response to Main Output (at unity gain)	20-20 kHz, ±0.5 dBu
Input Impedance	1 kΩ
THD to Main Output	<0.005%, +4 dBu, 20-20 kHz, unity gain, unwtd
S/N Ratio to Main Output (Ref = +4 dB, 20 kHz BW, unity gain, A-wtd)	94 dB
Common Mode Rejection Ratio (1 kHz at unity gain)	65 dB
Gain Control Range (±1 dB)	0 dB to +60 dB
Maximum Input Level (unity gain)	+12 dBu
Phantom Power (±2 VDC)	48 VDC, switchable per channel
Unbalanced Inputs (Ch. 15-16)	
Type	RCA Female, unbalanced (stereo pair)

Maximum Input Level	+12 dBu, ±0.5 dBu
Main Outputs	
Type	XLR Male, balanced
Maximum Output Level	+24 dBu, ±0.5 dBu
Output Impedance	100Ω
Mix Outputs	
Type	¼" TRS Female, balanced
Maximum Output Level	+18 dBu, ±0.5 dBu
Output Impedance	100Ω
Headphone Output	
Type	¼" TRS Female, active stereo
Maximum Output	100 mW/ch. @ 60Ω load
Frequency Response	20 Hz – 20 kHz (± 0.5 dB)
THD+N	0.01%, 1 kHz, max gain, 20 Hz BW, unwtd
S/N Ratio	96 dB, 1 kHz, max gain, 20 Hz BW, unwtd
System Crosstalk	
Input to Output	-90 dB (Ref = +4 dBu, 20 Hz-20 kHz, unwtd)
Adjacent Channels	-87 dB (Ref = +4 dBu, 20 Hz-20 kHz, unwtd)
Digital Audio and Control	
ADC Dynamic Range	115 dB (A-wtd, 48 kHz)
DAC Dynamic Range	115 dB (A-wtd, 48 kHz)
USB Recording Port	USB 2.0, Type-B
Network Control Port	RJ-45
AVB Audio Network Port	Locking XLR Ethernet
Internal Processing	32-bit, floating point
Sampling Rate	48 kHz (44.1 kHz coming soon)
A/D/A Bit Depth	24
Reference Level for 0 dBFS	+18 dBu
Total System Latency	1.9 ms (local routing, analog in-analog out, all processing active)

Clock	
Jitter	<20 ps RMS (20 Hz - 20 kHz)
Jitter Attenuation	>60 dB (1 ns in, 1 ps out)
Power / Environmental	
Connector	IEC
Input-Voltage Range	90 to 230 VAC (±10%)
Power Requirements (continuous)	85W
Recommended Ambient Operating Temperature	0˚ to 40˚ Celsius / 32˚ to 104˚ Fahrenheit
Physical	
Height	1.75" (45mm)
Width	19" (483mm)
Depth	12" (305mm)
Weight	8.6 lbs. (3.9 kg)