

Technical Specifications

Microphone Preamp

Type	XLR female, balanced
Frequency Response (+0.1dB/-0.3 dB, unity gain, unwt'd)	20 Hz - 20 kHz
Input Impedance (Balanced)	1.4k Ω
THD+N (1 kHz, -1 dBFS, min gain)	0.005% (1 kHz, -1 dBFS, min gain)
EIN (A-wtd, 150 Ω , max gain)	-128 dBu
Gain Control Range (\pm 1 dB)	60 dB
Max Input Level (\pm 0.5 dBu, min gain)	+10 dBu
Phantom Power (10 mA total)	+48 VDC

Instrument Input

Type	1/4" TS female, unbalanced
Frequency Response (+0.1dB/-0.3 dB, unity gain, unwt'd)	20 Hz - 20 kHz
Input Impedance	750k Ω
Gain Range	50 dB
Maximum Level	+10 dBu (min. gain)

Line Input (Stereo)

Type	1/8" TRS female
Maximum Level (1 kHz, unity gain, z-balanced)	+10 dBu
Frequency Response (+0.1dB/-0.3 dB, unity gain, unwt'd)	20 Hz - 20kHz
Gain Range	40 dB

Main Outputs

Type	1/4" TRS, Female
Frequency Response (+0.1dB/-0.5 dB, unity gain, unwt'd)	20 Hz - 20 kHz
THD+N (1 kHz, 0 dBFS, loaded)	0.003%
Maximum Level	+10 dBu

Headphone Output

Type	1/8" TRRS female
Maximum Power	30mW/Channel @56 Ω
Frequency Response (+0.1dB/-0.3 dB, unity gain, unwt'd)	20 Hz - 20kHz
Impedance Working Range	32 Ω to 300 Ω

Audio Interface

Type	USB-C [®] Compatible USB 2.0
Sample Rates	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz
Bit Depth	24 bit

ADC Converter Range 96 dB

DAC Converter Range 96 dB

Controls

Hardware Direct Monitor, Mic Gain, Line Input Trim, Headphone Level, Mute, Preset Select, HPF

Software Mic Gain, Monitor Mix, Preset Management, Loopback Mixes,

Onboard DSP Options PreSonus StudioLive Fat Channel Processing High Pass Filter, Noise Gate / Expander, 3 Compressor models, 3 EQ models, and Limiter, Reverb

Loopback Mixer 7 input digital mixer, 3 stereo loopback mixes, stereo monitor mix

Voice Effects Doubler, Vocoder, Ring Modulator, Comb Filter, Detuner, Delay

Physical

Height 2.3" (58.4 mm)

Depth 3" (77 mm)

Width 5.35" (135.9 mm)

Weight 0.78 lbs (0.35 kg)