

PreSonus Studio Channel Single Channel Tube Strip - Mic Preamp/Comp/EQ

General	
Channels	1
Dynamic Range	>115 dB
Frequency Response	10 Hz to 50 kHz
Internal Operating Level	0 dBu = 0 dB
Microphone Preamp	
Gain	-6 dB to +66 dB (± 10 dB trim on line input)
Noise Floor	-96 dBu
EIN	-126 dB
THD + Noise (0% Tube Drive)	< 0.050%
THD + Noise (100% Tube Drive)	< 0.10%
Microphone Input Connector	XLR
Microphone Input Impedance	1.3 kΩ
Instrument Input Connector	¼" TS
Instrument Input Impedance	1 MΩ
Line Input Connector	¼" TRS
Line Input Impedance	10 kΩ
Phantom Power (switchable)	+48V
Pad (switchable)	0 dB / -20 dB
Phase (switchable)	0°, 180°
High-pass filter (switchable)	-3 dB at 80 Hz
Compressor	
Threshold (variable)	-40 dBu to +-2 dBu
Ratio (variable)	1-10 (1:1 to 10:1)
Attack (variable)	0.1 to 200 ms
Release (variable)	0.05 ms to 3S
Gain Makeup	-10 dB to +10 dB
Metering	Analog VU (Gain Reduction / Output)
Equalizer	
LF Band Controls:	
Frequency	Variable from 40 Hz to 500 kHz
Gain	Variable between ±10 dB
Q	0.7 (on Peak setting)
MF Band Controls:	
Frequency	Variable from 200 Hz to 3 kHz
Gain	Variable from -10 dB to +10 dB
Q	Variable from 0.7 to 2.5
HF Band Controls:	
Frequency	Variable from 2 kHz to 20 kHz
Gain	Variable between ±10 dB
Q	0.7 (on Peak setting)
Master	
Output Fader	-80 dB to +10 dB
Output Connectors	XLR Balanced and ¼" TRS Balanced/Unbalanced
Output Impedance	51Ω
Metering (Output level)	Analog VU (-20 dBu to +6 dBu)
Metering (Gain Reduction)	Analog VU -20 dB to 0 dB
Output Headroom	+22 dBu
Power Supply	
Type	Linear

Input	16 VAC / 1000 mA
Power Requirements (Continuous)	16W
Transformer	External (country specific)
Physical	
Dimensions	1U rackmount
Height	1.75" (44.45 mm)
Depth	5.5" (139.7 mm)
Width	19" (482.6 mm)
Weight	5 lbs. (2.27 kg)