we're going to blow your mind.

The ACP-22 Stereo Compressor/Limiter with Spectral Gates

from the smart kids at PreSonus

The **ACP-22** is a two channel dynamics processor designed to provide compression, limiting and noise gating in a variety of applications; such as multitrack recording, live sound reinforcement and broadcast and permanent sound installations. In any application, the **ACP-22** provides two channels of crystal clear compression with full control over compression threshold, ratio from 1:1 to infinity:1, variable attack and release times and switchable hard/soft knee. An auto mode takes the worry out of setting the compressor by offering program dependent attack and release times. A link button allows for true stereo link operation. The **ACP-22** has onboard metering for gain reduction as well as input/output meters. Independent LED's show soft/hard knee, auto in/out and channel bypass positions. De-essing, ducking and other forms of spectral processing can be accomplished using the sidechain provided on both channels.

The Noise Gates on the **ACP-22** are unparalleled by giving control over threshold, variable attack and release and switchable gate range (-60 dB/-6dB). The **ACP-22** also has a unique Lo Pass Gate Filter which eliminates cymbals and other higher frequency range instruments from opening up drum and/or vocal gates without effecting the audio output. Independent Gate Key Side Chain is included for external triggering and precise filtering. LED's on the gate show gate position open or closed and gate range (-60dB/-6dB).

Inputs and outputs on the **ACP-22** are either XLR Balanced or 1/4" TS Unbalanced. Each channel operates at +4dBu or -10dBV, selected via rear panel switch. The **ACP-22** is housed in a one-rack space, all steel chassis. In keeping with the PreSonus "no wall wart" tradition, an internal power supply with voltage (for international use) is standard.

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PreSonus
Audio Electronics

Dynamic Range	>115dB
Signal to Noise Ratio	>95dB
Headroom	+24dBu, Unbalanced, +18dBu, Balanced
Frequency Response	10Hz to 50kHz
Crosstalk	<82dB @ 10kHz
Compression Threshold Range	-40dBu to +20dBu
Compression Ratio	1:1 to 20:1
Compressor Attack Time	0.1ms to 200ms
Compressor Release Time	0.05sec to 3sec
Auto Attack and Release	Program Dependent
Gate Threshold Range	-60dBu to +20dBu
Gate Attack Time	.01ms to 100ms
Gate Release Time	.02sec to 2sec
Gate Attenuation Range	-60dBu/-6dBu (switchable)
Gate Filter	-6dB at 2.5kHz/-12dB per octave
Input Impedance	10k Ohms
Output Impedance	51 Ohms
THD + Noise	<0.02%
Output Gain	-20dB to +20dB
Compression Curve Types	Soft and Hard Knee
Metering	Input/Output level, Gain reduction, Gate open/close
Sidechain Output Impedance	51 Ohms
Sidechain Input Impedance	10k Ohms
Gate Input Impedance	10k Ohms
Internal Operation Level	+4dBu = 0dB
Input Range	+4dBu or -10dBv (switchable)
Input Connectors	XLR Balanced or 1/4" TS Unbalanced
Output Connectors	XLR Balanced or 1/4" TS Unbalanced
Sidechain Connector	1/4" Tip-Ring-Sleeve
Gate Key Connector	1/4" Tip-Ring-Sleeve
Power Supply	Internal, Linear Supply
Power Requirements	100VAC to 120VAC, or 200VAC to 240VAC
Size	1U Rack 19" x 1.15" x 5"
Weight	6 lbs.

As a commitment to constant improvement, PreSonus, Inc. reserves the right to change any specification stated herein at any time in the future without notification.

ACP-22 Tech Specs

from the smart kids at PreSonus

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made in the USA

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