

NEW

LACHAPPELL AUDIO 500CS
500 SERIES CHANNEL STRIP

FEATURE OVERVIEW

Solid state preamp plus EQ and compressor

Single 500 series bay

Split module mode allows use as two modules

Three function analog VU

HPF, LPF, 3 Band EQ, VCA Compressor

The 500CS Channel Strip from LaChapell Audio is a complete channel strip featuring a pristine OpAmp based solid state preamp, high and low pass filters, full 3-band EQ and VCA compressor in one unit. Each "half" of the unit can function independently for maximum value and versatility. Track with the preamp, eq and compressor together, then switch to independent mode and use the eq/compressor side as an outboard processor.

PREAMP

INTERNAL GAIN	60 dB
THD+N	0.0009%
FREQUENCY RESPONSE	6 Hz - 45.5+ kHz
MAX OUTPUT	28.12 dBu
TYPICAL EIN	-128
INPUT IMPEDANCE	3 KΩ Mic / 20 KΩ Hi-Z
MAXIMUM INPUT LEVEL	7 dBu

EQ

NOISE FLOOR	Less than 94.5 dB from 20 Hz to 20 kHz
THD+N	0.0015%
FREQUENCY RESPONSE	5 Hz - 36 kHz (+/- .28 dBu)
CUT/BOOST RANGE	+/- 12dB
MAXIMUM INPUT LEVEL	27.65 dBu
BANDS	3 Band
HIGH PASS FILTER	6 dB per octave at 142 Hz
LOW PASS FILTER	6 dB per octave at 7 kHz

COMPRESSOR

TYPE	VCA
KNEE	Hard/Soft Selectable
ATTACK/RELEASE SLOW	Attack: 5ms Release: 65ms
ATTACK/RELEASE FAST	Attack: 3ms Release :12ms



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