

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 (1% THD+N) | 28.12 dBu |
| TYPICAL EIN | -128 dBu |
| INPUT IMPEDANCE | 3 K Ω Mic / 20 K Ω 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 |

