

NEW

LACHAPPELL AUDIO 500DT 500 SERIES DUAL TOPOLOGY PREAMP

FEATURE
OVERVIEW

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|---|
| 500 series tube and solid state preamp |
| Single 500 series bay |
| Blend knob for mixing tube and solid state paths |
| TrueTube™ powered tube |
| Input and output gain knobs with -20dB pad switch |

The LaChapell Audio 500DT is a 500 series microphone preamp that features two separate topologies or amplification paths. When the blend knob is fully to the TUBE side, the signal will pass through a transformer before being amplified by a TrueTube™ powered 12AX7 vacuum tube. TrueTube is LaChapell Audio's proprietary method of supplying a full 250V to the vacuum tube so you get loads of clean tube gain.

When the blend knob is turned fully to the OPAMP side, the signal passes directly to a solid state preamplifier. This input is transformer-less and will provide clean gain with exceptionally low noise. Placing the blend control anywhere between the two extremes will "blend" the two topologies for a wide variety of tonal options.



SPECIFICATIONS

| | |
|----------------------|-------------------------|
| INTERNAL GAIN | 67 dBu |
| INPUT IMPEDANCE | 1.5 KΩ Mic / 10 KΩ Hi-Z |
| TUBE COMPLEMENT/TYPE | 1x 12AX7 (ECC83) |

TUBE PATH

| | |
|--------------------|-----------------|
| THD+N | 0.08% |
| FREQUENCY RESPONSE | 20 Hz to 20 kHz |
| MAXIMUM OUTPUT | 12 dBu |
| TYPICAL EIN | 121 |

SOLID STATE PATH

| | |
|--------------------|-----------------|
| THD+N | 0.01% |
| FREQUENCY RESPONSE | 20 Hz to 46 kHz |
| MAXIMUM OUTPUT | 28 dBu |
| TYPICAL EIN | 129 |



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