

AXIOM

CLASSIC
TREMOLLO CT-1

USER'S
MANUAL

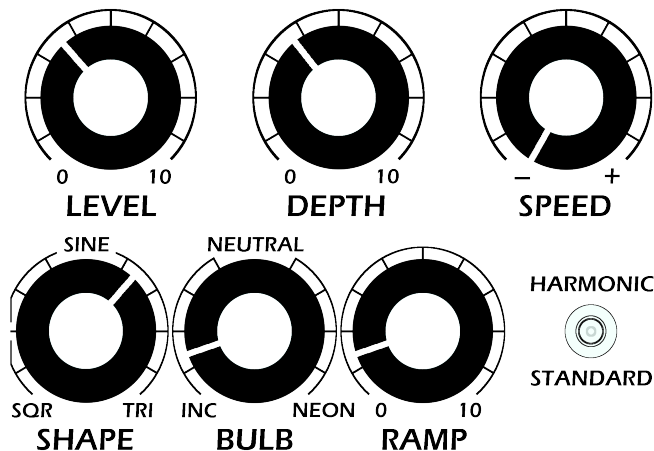
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AXIOM CLASSIC TREMOLLO CT-1

The AXIOM Classic Tremolo CT-1 is an optical tremolo designed to produce the classic tremolo of vintage tube amps and analog pedals but with extended SPEED, DEPTH and LEVEL ranges, and the ability to shape the tremolo response just about any way you wish. It features both “standard” and authentic “harmonic” tremolo modes. The SHAPE control allows you to adjust the effect from the choppy pulse of the neon bulb tremolos of the 1960s ‘blackface’ amps, to the smooth, swampy sine wave oscillation of the bias-shifting and harmonic tremolos of early Fender, Vox and Marshall amps, to the triangular waveform used in classic stompbox tremolo pedals. There’s also a RAMP control that lets you tailor how dramatic the tremolo effect is, from ‘normal’ right up to all-out square wave on-off oscillation. The LEVEL control balances your tremolo signal with your bypassed volume and can double as a completely transparent clean boost with the DEPTH control dialed back. The BULB SKEW control allows you to adjust the oscillation character from that of an incandescent bulb through neutral (symmetrical thermal response) to a neon bulb.

- 100% analog circuitry
- True bypass

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LEVEL: Increases the output volume level as the knob is turned clockwise.

DEPTH: Increases the intensity of the tremolo effect as the knob is turned clockwise. In the fully counter-clockwise position there will be no effect at all, allowing the CT-1 to be used as a completely transparent clean boost.

SPEED: Increases the oscillation rate of the tremolo effect as the knob is turned clockwise.

SHAPE: Adjusts the character of the tremolo oscillation from choppy to sinusoidal to triangular as the knob is turned clockwise. ‘Blackface’ amps with neon bulb tremolos tended to have choppy behaviour, bias-shifting and harmonic tremolos of the 1950s and ’60s amps tended to be more sinusoidal, and many classic tremolo pedals used triangular oscillation.

BULB: Adjusts the thermal response characteristics (rise/fall asymmetry) of the bulb emulation from that of an incandescent bulb to a neon bulb as the knob is turned clockwise.

RAMP: Increases the rise and fall rate of the tremolo effect as the knob is turned clockwise. In the fully clockwise position the tremolo effect will pulse abruptly on and off.

HARMONIC/STANDARD: Toggles between “standard” and “harmonic” tremolo modes.

DIMENSIONS:	Height 4.7" Width 3.9" Depth 1.3"
WEIGHT:	1.4 lbs. (without 9V battery)
VOLTAGE:	9 Vdc (battery or external power)
INPUT IMPEDANCE:	1 MOhm
CURRENT DRAW:	55 mA (maximum)
POWER CONNECTION:	2.1 mm, center negative (standard)