

DIPHENHYDRAMINE

HAT MAN DELAY / DIGITALLY CONTROLLED ANALOG DELAY

A digitally controlled PT2399 delay with classic analog-voiced repeats. Tap tempo, subdivisions, and tempo synced modulation. Active feedback from the PT2399 chip makes sure the tempo is accurate.

The eyes display the current delay rate. Holding TAP/HOLD enters nightmare mode.

The Hat Man is always watching.

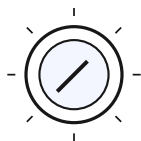


QUICK START

- 1 Connect a 9 V DC, centre-negative supply. Typical current draw is about 40 mA.
- 2 Connect your instrument to IN and your amplifier to OUT.
- 3 Put both toggles in the centre. Start with LEVEL and REPEATS low, then tap BYPASS.
- 4 Turn TIME, or tap TAP/HOLD twice. Hold TAP/HOLD to enter Nightmare Mode.

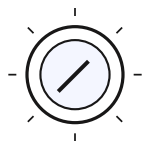
Made in Canada/Fabrique au Canada

TIME, EYES, AND DOSAGE



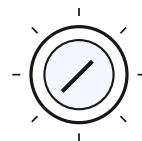
TIME

Approx. 30-603 ms. Clockwise is longer. Changes glide instead of stepping. After tap tempo, the knob waits until you cross the tapped value.



REPEATS

Feedback amount, from one shadow to runaway oscillation. High settings can build quickly.



LEVEL

Volume of the delayed signal against the full-level dry path.

SUBDIVISION



LEFT dotted eighth (0.75x)
CENTER quarter (1x)
RIGHT eighth triplet (1/3x)

Applies immediately to TIME or tap tempo.

MODULATION



LEFT soft sine
CENTER off
RIGHT deep ramp, double rate

Both voices follow the current delay and fade in smoothly.

PERFORMANCE

TAP / HOLD

TAP twice to set tempo. Both eyes flash on each tap. The delay range is approx. 30-603 ms.

HOLD about 0.3 s for Nightmare Mode. Move TIME to set chaos intensity; release to restore the delay.

BYPASS + LIGHTS

BYPASS is a latching-relay true bypass.

The eyes alternate at the current delay, flash together for tap, and break pattern in Nightmare Mode. The centre LED shows engaged state and breathes with modulation.

MEMORY + RESET

Saved: delay time, bypass state and Nightmare intensity.

FACTORY RESET: hold BYPASS while applying power. Keep holding through the check; three flashes confirm the reset.