

# 2hp – Tape

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- [Manual PDF](#)

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[Manual PDF](#)

## 2hp Tape Stop – Cheat Sheet

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### What it does:

A **clock-syncable tape stop effect** for audio. It simulates a tape machine slowing down/stopping, with manual or gate triggering and optional clock-synced stop lengths.

### Quick Use

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- Patch audio into **IN** and take audio from **OUT**.
- Press **TRIG** or send a gate to the **Trig Gate Input** to start the tape stop effect.
- Set **Trig Toggle**:
- **Down = Momentary**: effect lasts only while held/gate is high
- **Up = Latching**: press/trigger once to start, again to end
- Turn **LAG** to set stop time:
- **Free mode**: from **instant** up to **4 seconds**
- **Clocked mode**: patch a clock to **CLOCK** and LAG selects rhythmic divisions/lengths

### Clock-Synced Lag Values

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With a clock patched to **CLOCK**, the **LAG** knob sweeps left to right through:

**Instant** → **32nd** → **16th** → **8th** → **quarter** → **half** → **whole** → **2 bars** → **4 bars** → **8 bars** → **16 bars**

## 50/50 Mode

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- Hold the **TRIG** button while powering on.
  - This sets the module to a **50% dry / 50% wet** mix so you still hear the dry signal during tape stopping.
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## Controls

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### TRIG Button

- Starts the tape stop effect.
- In **Momentary** mode, the effect ends when released.
- In **Latching** mode, press again to end.

### Trig Toggle

- **Down:** Momentary
- **Up:** Latching

### LAG Knob

- Sets tape stop length.
- **Unlocked:** instant to **4 seconds**
- **Clocked:** selects synced note/bar durations

### TRIG LED

- Lights when tape stop is active.
  - Blinks to show incoming external clock rate when clock is patched.
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# Inputs / Outputs

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## Audio IN

- **Function:** Audio input to be processed
- **Voltage range:** 10 Vpp

## CLOCK IN

- **Function:** External clock input for syncing tape stop duration
- **Voltage range:** Not specified in manual

## TRIG Gate IN

- **Function:** Gate input to trigger tape stop
- **Threshold:** 0.4 V

## LAG CV IN

- **Function:** CV control over lag time
- **Voltage range:** -5 V to +5 V

## Audio OUT

- **Function:** Processed audio output
  - **Voltage range:** 10 Vpp
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# Tech Specs

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- **Width:** 2 HP
  - **Depth:** 46 mm
  - **Power:** +12V 101 mA, -12V 7 mA, +5V 0 mA
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## Practical Tips

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- Use **CLOCK IN** when you want tape stops that land musically with your patch.
  - Use **Momentary** mode for DJ-style stabs and fills.
  - Use **Latching** mode for more performative “drop-out / return” gestures.
  - Try slow **LAG** settings on loops, drums, or full mixes for dramatic breakdowns.
  - The built-in **50/50 mode** is useful when full wet tape stop feels too extreme.
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## One-Line Patch Ideas

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- **Drum bus** → **Tape Stop**: rhythmic breakdowns and transitions
- **Sampler/voice** → **Tape Stop**: classic stop-button effect
- **Clocked sequence + CLOCK IN**: tempo-locked slowdowns
- **CV to LAG**: animated stop times for variation

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