

# TIME WARP

DUAL GATED VOLTAGE SLEW & ENVELOPE FOLLOWER

**INVERT LOGIC SWITCHES:** Inverts the logic of the GATE input. If the switch is in the up position, the slew will be enabled until the gate input is above 3V.

**RATE KNOBS / CV:** Rate knobs change function depending on the position of the SYMMETRY switch. In the left position, each slew is linear symmetrical with independent controls. In the right position the slews switch to non-symmetrical with shared controls.

**IN / OUT:** Patch the signal you would like to slew to the IN jack. The slewed signal will be present on the OUT jack.

**ENVELOPE FOLLOWER:** The GATE jack acts as a switch for a full wave rectifier enabling each slew to act as an ENVELOPE FOLLOWER. This mode is enabled when nothing is plugged into the GATE jack.



**LED:** Shows the state of the slew. The LED will be lit if the slew is enabled.

**GATE:** Use this input to toggle the state of the slew depending on how the INVERT LOGIC SWITCHES are set. If the corresponding switch is in the up position the slew effect will be enabled until the GATE input goes high. If the switch is in the down position a high signal at the GATE input will enable the slew effect.

**SPECS:**  
Size: 4hp (20.32mm)  
Depth: 30mm(with cables)  
Power: 40mA +12V, 40mA -12V

**Inputs:**  
CV - 100k ohm impedance  
IN - 50k ohm impedance

**Gate Inputs:**  
100k ohm impedance  
2V threshold Schmitt Trigger  
Patching into the Gate input disables the Full Wave Rectifier

**CV Outputs:**  
470 ohm impedance, zero-impedance compensating buffer  
1V/Octave no drop  
22Vpp range  
Gain error: 0.1% maximum.  
0.025% typical.  
Offset error: 1.5mV maximum.  
0.5mV typical