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Digital VCA



Thank you for purchasing the WMD Digital VCA (Voltage Controlled Attenuator).

The Digital VCA is a digitally controlled analog attenuator. Maximum gain is unity.

The CV signal controls the amount of attenuation. A unity level of 8 volts or 5 volts is selectable on the front panel. This input is protected and may be overdriven if desired. This input is digitized to 8 bits. There are 256 possible levels of amplitude. The slope is linear.

Each channel features an Update G/ZCD jack and 3 position switch controlling when the VCA responds to CV.

Inst mode follows the CV signal instantly and will change constantly with the CV signal. Gate mode makes the VCA wait until it sees a positive going edge on the Update jack (normaled from the In jack). ZCD (Zero-Crossing-Detector) mode only responds to CV when the Update signal is at a 0 Volt level.

Gate mode is useful for sample & hold patches. ZCD mode eliminates pops and is useful for very fast envelopes.

Install the ribbon cable with red stripe down on both your eurorack busboard and Digital VCA module. It is protected against reverse polarity.

The Digital VCA is 6 HP and uses +75mA and -45mA.

The Digital VCA is waranteed for 1 year against manufacturer defects. Please contact us if you have any issues.

WMD