µVCA II Manual

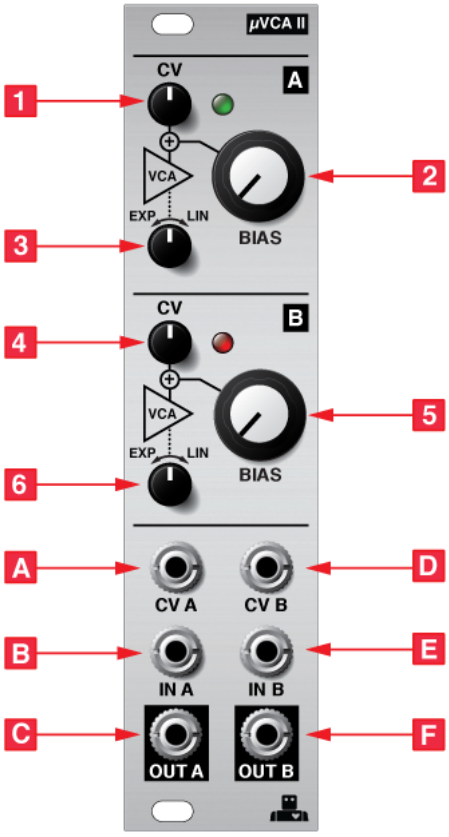
Overview

The *µ*VCA II is a two-channel voltage controlled amplifier that features a response curve continuously adjustable between linear and exponential response.

Installation

See the Module Installation Guide for instructions on installing the module in your Eurorack modular system.

Front Panel



Note that prior to fall 2015 the **BIAS** and **CV** knob positions were reversed but their functionality was the same.

Controls

1. **CV A**
   Sets the amount of attenuation for the **CV A** input. When fully clockwise the CV input is unattenuated. When fully counter-clockwise the CV input has no effect. The brightness of the LED to the right of the attenuator varies according to the level of the resulting CV.
2. **BIAS A**
   Sets the initial level of amplifier A before CV is applied. The maximum bias is 5V which provides a gain of 1.
3. **EXP-LIN A**
   Sets the response curve of amplifier A. Linear when fully counter-clockwise and exponen

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clockwise.

4. **CV B**
   Same as **CV A** but for channel B.
5. **BIAS B**
   Same as **BIAS A** but for channel B.
6. **EXP-LIN B**
   Same as **EXP-LIN A** but for channel B.

Inputs & Outputs

A. **CV A**
   Control voltage input for the level of amplifier A. Summed with the **BIAS A** control. Voltages above 5 V will result in a gain greater than 1.
B. **IN A**
   Input signal for amplifier A. This is a direct coupled input so DC or AC signals can be fed here.
C. **OUT A**
   Output signal for amplifier A.
D. **CV B**
   Control voltage input for the level of amplifier B. Summer with the **BIAS B** control. Voltages above 5 V will result in a gain greater than 1.
E. **IN B**
   Input signal for amplifier B. This is a direct coupled input so DC or AC signals can be fed here.
F. **OUT B**
   Output signal for amplifier B. As of the fall 2015 model **OUT A** is normalled to be mixed into this output as long as nothing is patched in **OUT A**. This means you can use the module as a simple two channel mixer.