

μVCA II Manual

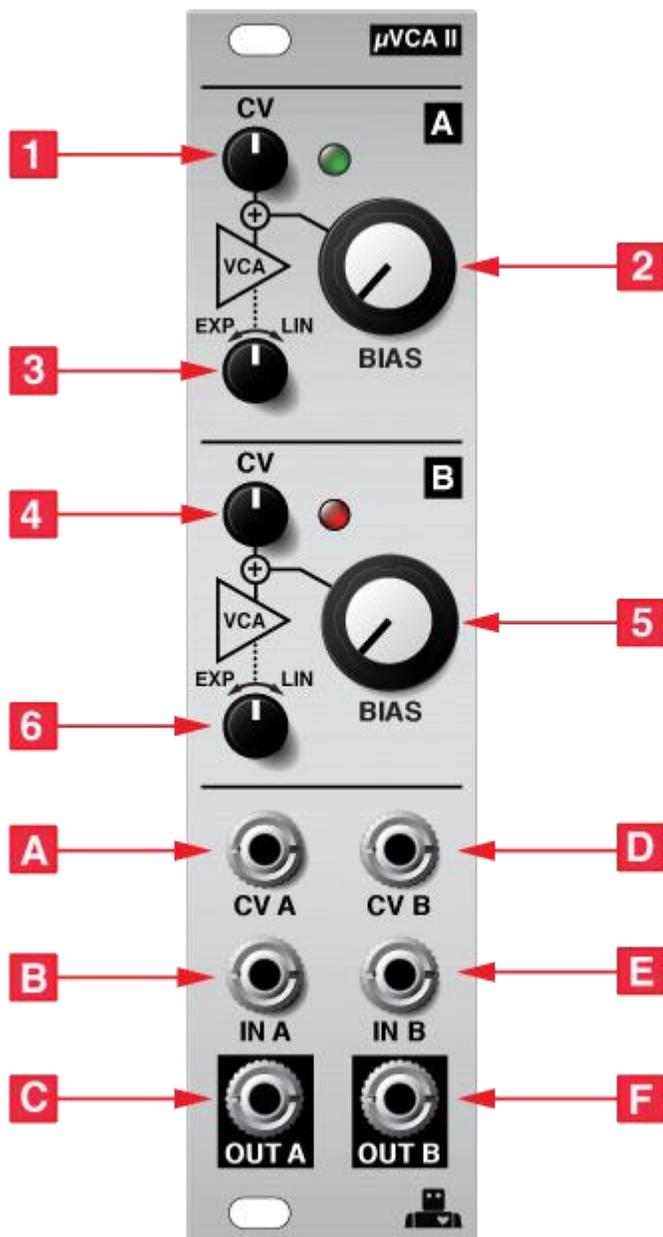
Overview

The μVCA 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 exponential when fully 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.