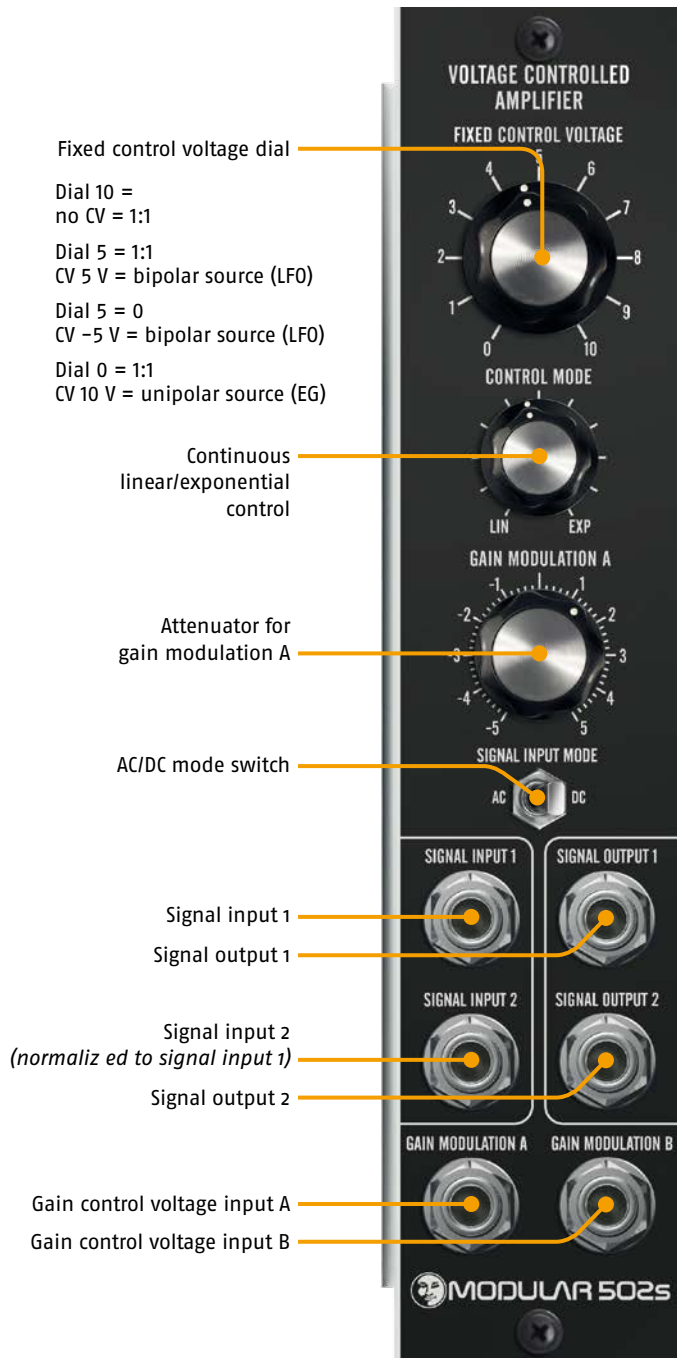


502s

SIMPLE DUAL VOLTAGE CONTROLLED AMPLIFIER



The **M 502 S SIMPLE DUAL VCA** module combines two separate voltage controlled amplifier circuits each with its own signal input and signal output plus modulation input.

The module has a continuous linear/exponential controller and switchable AC/DC mode (audio signals/control voltages).

The module can act as two independent mono or one stereo VCA.

Operating modes:

MODE #1 - PANNING between Output 1 and 2

Signal input 1	AUDIO
Signal input 2	not patched
Gain Mod A	CV
Gain Mod B	not patched

MODE #2 - MIXING of Input 1 and Input 2

Signal input 1	AUDIO
Signal Input 2	AUDIO
Gain Mod A	CV
Gain Mod B	not patched

MODE #3 - DUAL VCA

Signal Input 1	AUDIO 1
Signal Input 2	AUDIO 2
Gain Mod A	CV 1 (attenuation)
Gain Mod B	CV 2 (no attenuation)

Normalized connections:

- Signal input 2 is normalized to the signal input 1
- Gain Modulation B: Normalisation of reversed „GAIN MODULATION A“ post attenuator.

Technical data

Signal level	20V ptp
CV range (full span)	-5V – +5V (for unity gain)
(Above and/or below will amplify)	

Operating voltages

+15V / 35mA
-15V / 35mA