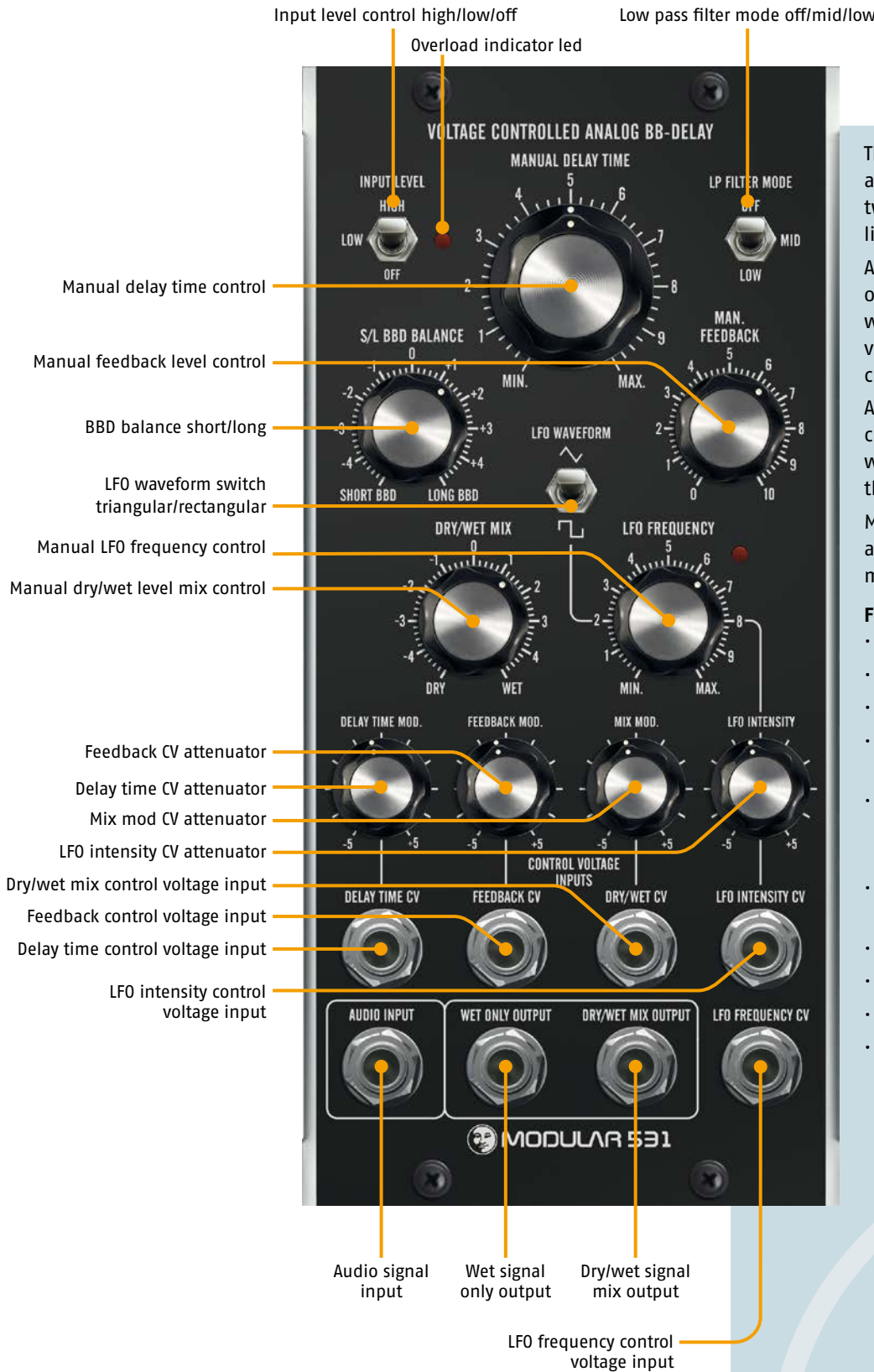


# 531

## VOLTAGE CONTROLLED BBD ANALOG DELAY



The M 531 **BBD ANALOG DELAY** is an analogue delay module which includes two separate bucket brigade delay lines.

A short one with 1024 stages and a long one featuring 4096 stages. Both delays work simultaneously and one can fade voltage controlled between them to create multi-tap delay effects.

An advanced clock noise cancellation circuit reduces unwanted BBD noise without filtering higher frequencies of the audio signal.

Most parameters are voltage controlled, allowing integration in a complex modular setup.

### Features

- Full analogue design
- 2 delay lines 1024/4096 stages
- Smooth crossfade between delay lines
- Voltage control over delay time, feedback and dry/wet mix
- Built in LFO (triangle and rectangular waveforms), with voltage control over speed and intensity
- separate audio outputs for dry/wet mixed signal and wet signal only
- Switchable audio input sensitivity
- Switchable low pass filter mode
- Audio level 10 V ptp
- CV range (full span) -5V – +5V