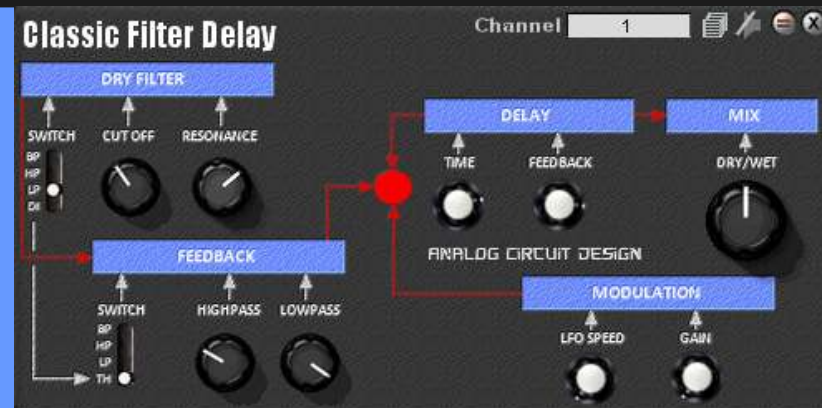


ACD - Classic Filter Delay



Flexible Delay for Scope Platform

Welcome

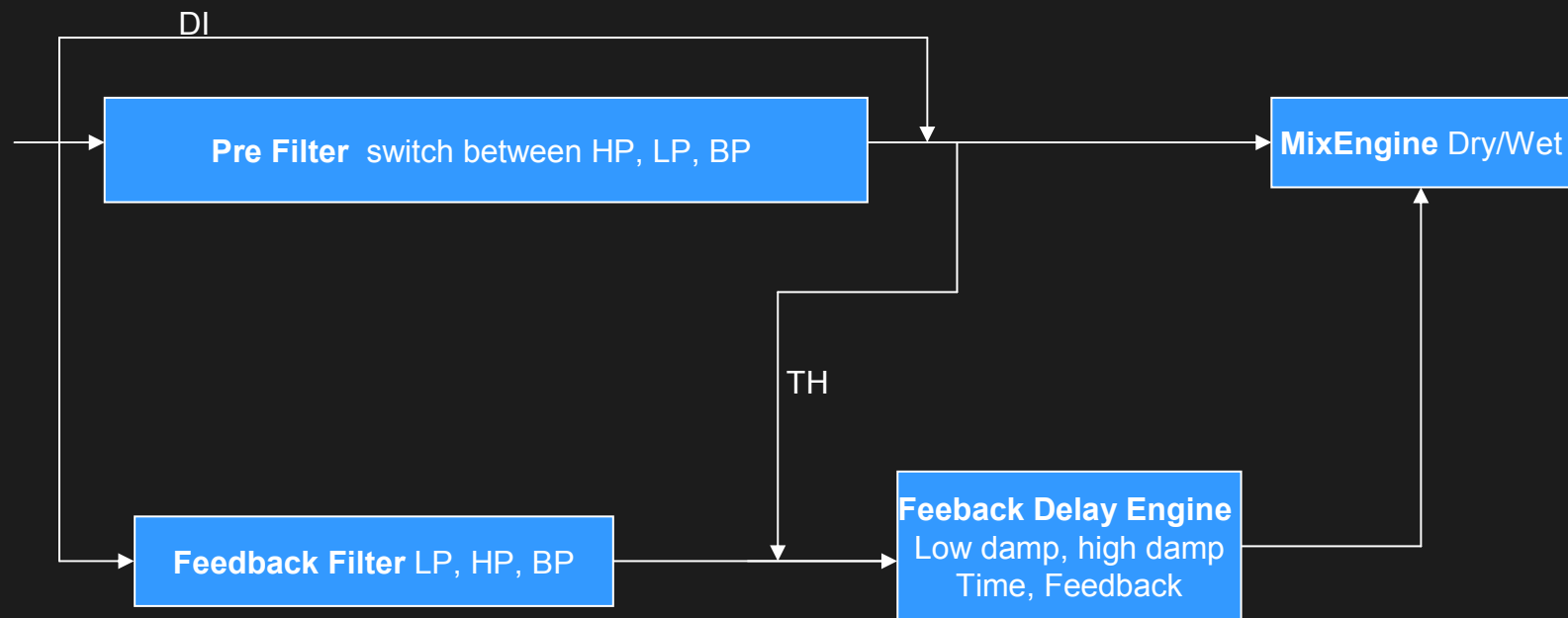
Although the Scope platform has many great delays already, the Classic Filter Delay has some small, but significant advantages, which let you improve your musical content:

- The dry signal and the wet feedback chain can be processed with different filter types independently.
- Slightly different flavour compared to the standard delays and more classic sounding feedback path
- Modulation for the feedback chain

The result is a very classic sounding delay processor.

In the following chapter you get an overview of the CFD architecture.

Architecture



Features I

- **Dry Filter Section**

DI - Direct Signal -> dry signal is passed like on conventional delays

LP - Lowpass Filter the dry signal

HP- Highpass Filter the dry signal

BP - Bandpass Filter the dry signal

- **Feedback Filter Section**

TH – Through-Mode -> the output of the dry filter section is routed to the feedback processing

LP – the signal feed into feedback is filtered by a lowpass independently on the dry filter setting

HP – the signal feed into feedback is filtered by a highpass independently on the dry filter setting

BP – the signal feed into feedback is filtered by a bandpass independently on the dry filter setting

Please note that both the dry filter section and feedback filter section is controlled by the cutoff and resonance potentiometers from the dry section.

Features II

- **Feedback Filter section**

HIGHPASS - damping of the lower frequencies with every delay tab.

LOWPASS - damping of the higher frequencies with every delay tab

- **Delay Section Section**

TIME – time between the delay tabs

FEEDBACK - fadeout of the delays, raise it for more tabs, lower it for fewer tabs

- **Modulation Section**

LFO Speed – not yet fuctional

GAIN – amount of modulation in feedback chain

- **Mix Section**

Dry/Wet Ratio – ratio between „dry“ filter signal and feedback delay part