

## Dual Delay

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*Dual Delay* is a **free** vst2.0 plugin, that intends to be used as a general-purpose stereo delay processor.

It consists in 2 separate delay lines with a resonant lowpass filter in the feedback loop. Delay times can be specified in millisecond or in 16th notes, when associated to a tempo. The plugin can also query its host for the current tempo value, allowing the delay effect to follow tempo changes for hosts that support that feature.

Finally, the 2 delays can be "grouped", in this mode, they both have the same delay time, and the right delay knob controls the time difference between the left and right delay lines.



#### **Left delay**

controls the left delay time. This value is expressed in ms, or in 16th notes when the 'sync' mode is used, or when the tempo knob is used to define a tempo

#### **Left feedback**

controls the left delay feedback amount.

#### **Right delay**

controls the right delay time. It works as the left delay knob, except when the "group" mode is used. In this mode it controls the time difference between the left and right channels.

#### **Right feedback**

controls the right delay feedback amount.

#### **Cutoff**

controls the cutoff frequency of the lowpass filter.

#### **Rez**

controls the resonance amount of the lowpass filter.

#### **Dry**

selects the mix of unprocessed sound

#### **Wet**

selects the mix of processed sound

#### **Tempo**

defines the current tempo. This value is ignored when "sync" mode is on (in this case the tempo is queried from the host). Turning the tempo knob to the max right disables tempo-based delay selection, in this mode delay times are specified in ms with the delay knobs.

#### **Sync**

selects "sync" mode (for hosts supporting this feature)

#### **Cross**

inverts the left and right signals in the feedback path – this is useful for creating "ping-pong" delay effects.

#### **Group**

selects "group" mode.

Thank you for using this plugin. If you find any bugs or want to suggest improvements, feel free to email.