

What does the Absolute button do in HALion 3?



Edit Absolute/Edit Relative

In addition, by clicking the button that either reads “RELATIVE” or “ABSOLUTE”, you switch between Absolute and Relative editing mode. This is only meaningful if you have selected “ALL” or have several selected samples, as the “ABSOLUTE”/“RELATIVE” setting doesn’t matter if only one sample is selected.

The “ABSOLUTE”/“RELATIVE” setting determines whether the editing you perform should set the changed parameter to an absolute value, or change values relative to the previously set value for all or selected samples. With the exception of pitch and volume, a certain percentage of all values is changed. For pitch and volume, the values are changed by adding or subtracting from the current values. Have a look at the following examples:

Example 1 (Absolute mode)

For some of the samples of a Program, a volume of +2dB has been set in the Sound page view, while all other samples in this Program have a volume of -2dB. When setting a Volume of +4dB in Absolute mode, this setting is applied to all or all selected samples.

Example 2 (Relative mode for volume and pitch)

In Relative mode, changing the current volume setting by 2dB will change the volumes of all or all selected samples by 2dB.

Example 3 (Relative mode for all remaining parameters)

For Sample 1 a cutoff value of 60 has been set in the Sound page view, while for Sample 2 cutoff has been set to 80. When changing the Cutoff setting by 20 for Sample 1, this corresponds to a change of 50% with respect to the maximum value. For Sample 2 this change of 50% with respect to the maximum value results in a change by 10 to a setting of 90.