About this file

This file contains context-sensitive help topics that are used by Sonic Foundry's Acoustic Mirror.

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Response Width

Drag the slider to adjust the stereo width of the sound.

Response Delay

Drag the slider to control the amount of time, in milliseconds, that will elapse between the dry signal and the processed output.

Apply envelope and limit decay to

Select this check box and drag the slider to limit the length of the impulse to the specified time. Also, the impulse will be faded according to the Envelope Graph defined on the Envelope tab.

Limiting the length of an impulse file will shorten the decay of the reverberation. Limiting the length also decreases the amount of processing required.

Decay

Drag the slider to limit the length of the impulse to the specified time.

Dry Out

Drag the fader to adjust the level of the unprocessed signal mixed into the output.

Wet Out

Drag the fader to adjust the level of the processed signal mixed into the output.

Impulse

Enter the path to the impulse file you want to use, or click **Browse** to browse to the file.

Browse

Click to locate an impulse file.

Package Impulse into Preset

If you create a preset, click this button to embed the selected impulse file into the current preset. When you embed the impulse file, you can use the preset on multiple computers without copying the impulse file separately.

Cursor Position

Displays position of the cursor on the envelope.

Reset

Click to reset the envelope points to 100%.

State

Displays the plug-in's current state.

Picture

Displays the picture embedded in the selected impulse file's summary information.

Time

Displays the length of the currently selected impulse file.

Comments

Displays information embedded in the impulse file.

Attributes

Displays information about the selected impulse file.

Impulse File

Displays the path and name of the selected impulse file.

Copyright

Displays the copyright of the selected impulse file.

Author

Displays the author of the selected impulse file.

Envelope Graph

Displays a graph of the impulse file and fade envelopes.

Quality/Speed

Drag the slider to make a trade off between the quality of processing and the speed of processing.

The first thing compromised by lowering this setting is the frequency response of the impulse. This can start to make the processed signal sound dull, and high frequencies will sound unnatural. Using low-quality processing also shortens the length of the impulse.

If you have trouble previewing in real-time, try selecting a lower level of quality. Remember to put this setting back to five before processing the file if you do not want the output file to be processed at the lower quality.

Recover Impulse

Click to start the impulse-recovery process.

Recorded File

Type the path to the test file you recorded in the environment for which you want to create an impulse.

Browse

Click to browse to the recorded test file.

Test File Used

Type the path to the test file you played back in the environment for which you want to create an impulse.

Browse

Press to browse to the test tone file.

Impulse Output File

Type the path to the impulse file you want to create.

Browse

Click to browse to the location where you want to create an impulse file.

Remove Very Low Frequencies

Select this check box to remove low frequencies from your created impulse files. Leave the check box selected for most applications.

Enables using recorded timing spikes during the impulse recovery.

Low-Shelf Start Frequency

Signals below this frequency will be boosted or cut by the amount specified by the gain fader.

High-Shelf Start Frequency

Select this check box and set a start frequency to filter frequencies above the specified frequency.

Low-Shelf Gain

Drag the fader to set the amount by which signals below the specified frequency will be boosted or cut.

High-Shelf Gain

Drag the fader to set the amount by which signals above the specified frequency will be boosted or cut.

Low-Shelf Start Frequency

Signals below this frequency will be boosted or cut by the amount specified by the gain fader.

High-Shelf Start Frequency

Signals above this frequency will be boosted or cut by the amount specified by the gain fader.

Recovery Mode

Specifies how the recorded file was pre-processed and whether timing spikes will be used.

Pan

Drag the slider to control the balance between the left and right channels in stereo files. A value of 0 indicates center position.

Convert Mono to Stereo

Select this check box and apply a room environment impulse to make the file almost indiscernible from a true stereo recording.