

Extracting a Stereo File from a Mid-Side File with the Voxengo MSED vst plugin

Using CANTABILE SOLO, VERSION 2 (www.cantabilesoftware.com)

1. Download the free Windows 32-bit version of MSED from www.voxengo.com
2. Launch Cantabile Solo
3. If you want to record the output file instead of just listening, click the Setup Tab at the top of the screen set the recording location and file name format.
4. Click the Media File bar and open helicopterC.wav (or other Mid-Side file).
5. Click the Racks and Plugins bar and select MSED.dll, its name will appear in Rack 1. Then click the Send To label in the Media Files bar and select Rack 1.
6. Click Send To in the Racks and Plugin bar and select Output.
7. Click Edit under the Settings heading in the Rack 1 bar and the MSED screen will appear so you can change the Mode to Decode and adjust the Side Pan control to vary the stereo width.
8. Click Play in the Media Files bar and listen to the result. You can adjust the Side Pan control (and the other Controls if you want to) while you listen.
9. To record the output file, click Stop and Re-wind. Click the Record Tab. Select Auto Record, Record Output and the Bit Depth (the default is 16-bit integer).
10. A left-side vertical bar will appear with the recording file name, click it to record the file.

Using SONY SOUND FORGE AUDIO STUDIO (I used version 10, build 252)

1. Download the free Windows 32-bit version of MSED from www.voxengo.com.
2. Unzip it to a temporary folder and then copy MSED.dll to your vst plugin folder.
3. Launch Audio Studio (it should automatically rescan your vst folder).
4. Open helicopterC.wav (or other mid-side file).
5. Click FX Favorites in the Audio Studio menu bar and then click MSED.
6. MSED should be in the list, double click it and the MSED screen should appear. If it's not in the list go to step 8.

7. Click MODE and select Decode. Use the Side Pan Control to adjust the stereo width. Click OK and a stereo file will be created with maximum peaks at 0 dB (the maximum un-clipped value). The stereo file will replace the mid-side file on the screen. Use SaveAs to save the new file with your choice of name and location.

8. Click Options in the Audio Studio menu bar and then chose Preferences. Click the VST Effects tab and click Refresh. MSED should now be in the plugin list. Return to step 7.

(MSED can also be used to encode a stereo file to a mid-side file by selecting Encode on the MSED MODE menu.)