

Planet Venus Audio Technologies® - Read me notes

- 1) Spectral Coherence Control® is an iLok licensed DAW plug-in. There is a built in two-week free trial, but an iLok must be used to enable the trial. Please visit the iLok web site license manager documentation for how to proceed if you do not presently have an iLok :

<https://www.ilok.com/#!/license-manager>

- 2) General listening considerations when auditioning a new type of plug-in whose effects on the music have not previously been recognized or available, and will not be familiar to most users, are provided here. Listen for the details in the music and be open to:
 - i. individual instrumental sound clarity and transient response; it should be improved after processing for more clarity
 - ii. sensitivity to the level of the background sounds and or noise; is the 'space between the audio spectral components' now clearer for a more open overall presentation, it should also be improved after processing for clarity
 - iii. changes in instrumental placement in the 'mix'; do some instruments now separate themselves, and move in their relative position compared to the others? Processing for clarity reduces the embedded distortion to expose the subtle directional and timbral queues. You should hear a mix closer to that intended by the musicians and the producer
 - b. Some listeners with hearing acuity more sensitive to the improvement this plug-in's processing has on spectral dynamic range, and who prefer a clearer sound, will find the differences more noticeable and enjoyable in the 'before and after' examples for the more Coherent side of processing featured in the Spectral Coherence Control® high resolution examples. Other listeners sensitive to the results of spectral dynamic range processing who prefer a smoother sound than is offered in some recordings would find improvement for their preferences when adjusting the Coherence control for a more blended sound. Some listeners whose spectral dynamic range sensitivity is not as large may not experience as much difference between the examples of 'before and after' sound as those more sensitive to this aspect of hearing. Different levels of sensitivity to spectral processing simply means we all can have different listening preferences, and also recognize that while some listeners may be able to detect differences that others cannot, we can all find a path to enjoyable listening, each in our own way.
- 3) The Planet Venus Audio Technologies® web site has 3 demonstration videos that may help the new user get started:

<https://planetvenusaudiotech.com/>

One of the web site videos describes how the tool works, and offers a matching audio track that provides some indication of what the processing can do to alter the perceived clarity or blended nature of the sound. The web video/audio sound, due to normal online audio quality and resolution limitations, does not offer a full representation of all that the tool can do for the user. To remedy that situation, several higher resolution listening options have been provided.

- 4) There are two options for a better demonstration quality audio experience of what Spectral Coherence Control[®] processing sounds like than the web hosted audio. It is best to use the highest resolution playback source, over the most accurate DAC and transducers available, to obtain the best representation of what the tool can do. That will make it easier to experience the full capabilities of Spectral Coherence Control[®].
- a) Download the 44.1 kHz/ 16 bit version of the demonstration video's audio track (see link under the video) that offers a slightly higher resolution version than the web audio
 - b) For a higher resolution (96 kHz / 24 bit) demonstration, on source material that may be more familiar to many listeners, check out the other link posted below the training video for a product demonstration using the Artist Connection audition site. The audio tracks posted there provide a sample of what Spectral Coherence Control[®] processing can do for your project:
 - a. AES Conference attendees, see the folder on the USB drive that includes a web link and QR code directly to the Artist Connection content
 - c) There is an example of symphonic music and classic rock with 3 audio files associated with each example partial track, purposely cut short to minimize the chance for copyright issues.
 - i. The first two tracks of each type of music are the Original and the Spectral Coherence Control[®] Processed version of the track.
 - ii. The third version of each type of track includes a mix of the Original audio and the Processed audio, with 'on the fly' changes about every 10 or 15 seconds between the two. This is done for audio professionals who may not be accustomed to comparing entire tracks in a 'before and after' manner. This version of the audition file may make the changes resulting from Processing a bit more obvious to listeners not as experienced with this type of comparison listening.
 - b. Artist Connection audio is also available for use via mobile device, as well as by laptop/desktop computers, but all of the processing results are generally not as obvious over mobile devices where the audio is typically accessed via Bluetooth ear buds or mobile headphones.