



SoundField Surround Zone for Digidesign® Pro Tools® HD systems Quick Start Guide



Thank you for purchasing the SoundField Surround Zone plug-in. This quick start guide is intended to quickly get you up and running, for more detailed information refer to the SoundField Surround Zone manual.

Installation:

The Surround Zone plug-in is available for both PC and MAC based Pro Tools HD systems. Installers for both versions of this software are available on the product CD-ROM or on our website (always check the website for the most recent version of the software before commencing the install).

iLok license:

In order to run this plug-in you will require an iLok account and USB dongle. In order to obtain your iLok license send an e-mail to ilok@soundfield.com with your name, iLok user ID and the Surround Zone serial number (see outer box packaging). A license will then be deposited in your iLok.com account. We recommend obtaining your iLok license before installing the plug-in.

To install on your PC based Pro Tools HD system:

Insert the CD-ROM and open the Surround Zone TDM PC installer – **SZoneTDM.exe** – this will start the installer. Simply follow the on-screen instructions to complete the installation, this should take no more than a few minutes.

When running Pro Tools for the first time the license will be picked up on your iLok dongle. Should a license not be present on your iLok USB dongle make sure you have loaded it from iLok.com, for further license assistance contact support@soundfield.com

To install on your MAC based Pro Tools HD system:

Insert the CD-ROM and open the Surround Zone TDM MAC installer – **SZoneTDM.pkg** – this will start the installer. Simply follow the on-screen instructions to complete the installation, this should take no more than a few minutes.

When running Pro Tools for the first time the license will be picked up on your iLok dongle. Should a license not be present on your iLok USB dongle make sure you have loaded it from iLok.com, for further license assistance contact support@soundfield.com

Getting started with the Surround Zone plug-in for Pro Tools:

The SoundField Surround Zone plug-in for Pro Tools can be inserted in any Pro Tools project. The plug-in has four audio inputs for the SoundField B-Format signals and up to eight audio outputs depending on the output format selected within the plug-in, ranging from Stereo to 5.1, 6.1 and 7.1.

The Surround Zone plugin follows the Pro Tools internal surround channel mapping ('FILM' format). This means the channel output configurations are as follows:

5.1. L, C, R, Ls, Rs, Lfe

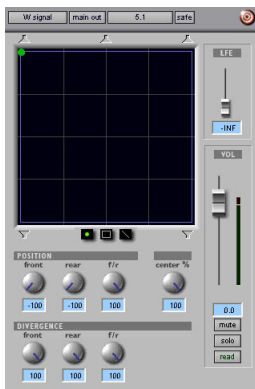
6.1. L, C, R, Ls, Cs, Rs, Lfe

7.1. L, Lm, C, Rm, R, Ls, Rs, Lfe

On the CD-ROM in the "Example Sessions" folder (within either the Macintosh or Windows root folder) you will find three sample projects to show how to route to and from the plug-in. The sessions are a stereo and 5.1 example, a 6.1 example and a 7.1 example.

Stereo and 5.1:

- Using I/O setup, create a 5.1 output configuration. For each instance of the Surround Zone create a 5.1 bus configuration.
- Create a 5.1 aux input track. Set the input to this track to be the 5.1 bus. Set the output from this track to be the 5.1 output interface.
- Insert the Surround Zone plugin into the aux input track by selecting "multi-channel TDM plugin > Surround Zone (5.1)"



- Create 4 mono audio tracks to accommodate the B-Format audio. The tracks can be labelled W, X, Y, Z

- Route each mono track output to the 5.1. bus. In doing this, a surround panner will appear for each mono track. In order to route the B-Format audio correctly to the plugin the panner settings must be arranged as follows:

W-track : pan front full left (-100, -100, 100 in panner window)

X-track : pan front centre (0, 0, 100 in panner window)

Y-track : pan front full right(100, 100, 100 in panner window)

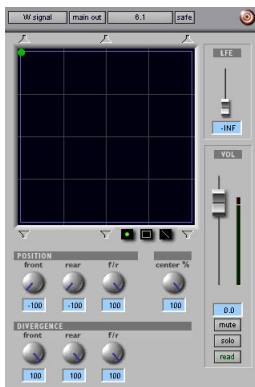
Z-track : pan rear full left (-100, -100, -100 in panner window)

Tip: double clicking on the corresponding loudspeaker symbol in the panner window will automatically achieve the above settings.

The session is now correctly configured to use the Surround Zone plugin in 5.1 and stereo mode. Due to limitations in the routing a 5.1 bus is required even when just using the stereo outputs.

6.1:

- Using I/O setup, create a 6.1 output configuration. For each instance of the Surround Zone create a 6.1 bus configuration.
- Create a 6.1 aux input track. Set the input to this track to be the 6.1 bus. Set the output from this track to be the 6.1 output interface.
- Insert the Surround Zone plugin into the aux input track by selecting "multi-channel TDM plugin > Surround Zone (6.1)"



- Create 4 mono audio tracks to accommodate the B-Format audio. The tracks can be labelled W, X, Y, Z

- Route each mono track output to the 6.1. bus. In doing this, a surround panner will appear for each mono track. In order to route the B-Format audio correctly to the plugin the panner settings must be arranged as follows:

W-track : pan front full left (-100, -100, 100 in panner window)

X-track : pan front centre (0, 0, 100 in panner window)

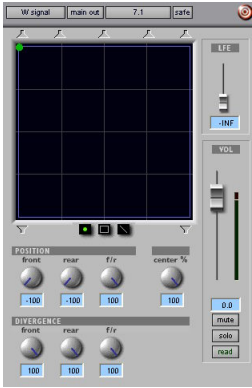
Y-track : pan front full right(100, 100, 100 in panner window)

Z-track : pan rear full left (-100, -100, -100 in panner window)

Tip: double clicking on the corresponding loudspeaker symbol in the panner window will automatically achieve the above settings.

7.1:

- Using I/O setup, create a 7.1 output configuration. For each instance of the Surround Zone create a 7.1 bus configuration.
- Create a 7.1 aux input track. Set the input to this track to be the 7.1 bus. Set the output from this track to be the 7.1 output interface.
- Insert the Surround Zone plugin into the aux input track by selecting "multi-channel TDM plugin > Surround Zone (7.1)"



- Create 4 mono audio tracks to accommodate the B-Format audio. The tracks can be labelled W,X,Y,Z

- Route each mono track output to the 7.1 bus. In doing this, a surround panner will appear for each mono track. In order to route the B-Format audio correctly to the plugin the panner settings must be arranged as follows:

W-track : pan front full left (-100, -100, 100 in panner window)

X-track : pan front half left (-50, -50, 100 in panner window)

Y-track : pan front centre (0, 0, 100 in panner window)

Z-track : pan front half right (50, 50, 100 in panner window)

Tip: double clicking on the corresponding loudspeaker symbol in the panner window will automatically achieve the above settings.

Once the SoundField Surround Zone plug-in has been inserted correctly you are ready to start. For a detailed description of all the controls and their functions please refer to the SoundField Surround Zone user manual.



You will find some demo B-Format material in the “demo material” folder to try out the plug-in’s functionality.