Simulating K&F Vida in ConSequenza+

Quickguide
1. Things you need to get started:

- ConSequenza+ Application (latest version - get it from [www.kling-freitag.de/download](http://www.kling-freitag.de/download))

The VIDA L System is a powerful beamsteering loudspeaker system. Its calculation algorithms are carried out by a dedicated software, the VIDA App. A new K&F-plugin, which is included in the latest version of the ConSequenza+ software, now allows you to do acoustic simulations with VIDA L using the same parameter options as in the VIDA App.

2. Adding and configuring the VIDA in ConSequenza+

Please refer to the ConSequenza+ User Manual on how to use the software.

When adding a new sound source to your project you now have the option to choose Vida L (in the latest version of ConSequenza+). The default array, that will appear when clicking okay, consists of one single VIDA L module without any beam settings applied.

2.1. Setting Vida parameters in the Object Properties Window:

In the Object Properties window of the Vida L you can principally set parameters in the same way you do it with conventional loudspeakers.

The vertical orientation corresponds with the mechanical tilt you know from the Vida App (and doesn’t have anything to do with the beam tilt).

It is automatically affected by the number of VIDA L (and VIDA C) modules you add to the array, by the pinpoint you choose and by the decision to use a flying frame extension in the setup or not.

The Gain of each module in the array can be adjusted but the angle between the several modules needs to stay the same. Because of that the Auto Splay-Function (used in Sequenza 5 and -10 Setups) has got no real effect when setting up a VIDA simulation.

The result of the changes you do in the Object Properties window are directly visualized in the Rigging window.
2.2. Setting Vida Parameters in the Secondary Properties Window

All settings concerning the electronically controlled Beam of the Vida array can be seen and changed in the Secondary Properties Window. There you have access to all the parameters you know from the Beam Window in the Vida App.

Please keep in mind that in this plugin it is necessary to push the Apply-Button in order to make your changes come into effect. The Apply-Button sets Breakpoints you can jump back to by using the undo command. As the last applied setting is still active even if you changed parameter values, the Undo will bring you back to the settings during the previous Apply-command. (That means, for example, that if you just have changed some values and want to get back to the settings before your changes, you should first click Apply and then use the Undo-Command.)

Corresponding to the graphical user interface of the VIDA App, you first need to activate Split Beam, Optimize Beam and / or X-Over to edit the respective parameters.

Of course the Vida C options can only be used if Vida L + Vida C is selected in the object properties.