SUB|ALIGN
USER GUIDE

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CHAPTER 1: INTRODUCTION

1.1 Welcome

Thank you for choosing Waves! In order to get the most out of your Waves processor, please take the time to read through this manual.

In conjunction, we also suggest you become familiar with www.wavesupport.net. There you will find an extensive Answer Base, the latest Tech Specs, detailed Installation guides, new Software Updates, and current information on Authorization and Registration.

By signing up at www.wavesupport.net, you will receive personalized information on your registered products, reminders when updates are available, and information on your authorization status.

1.2 Product Overview

Sub Align is built to reclaim control of the subs when you don't have access to the system processor and the subs are tied in with the tops. The plugin artificially creates a crossover point between the tops and the subs and provides delay, phase and gain control over the predetermined sub range of frequencies. This allows you to "move" and control the subs even when they are tied in with the tops.

1.3 Components

WaveShell technology enables us to split Waves processors into smaller plugins, which we call components. Having a choice of components for a particular processor gives you the flexibility to choose the configuration best suited to your material.

The Sub Align plugin includes the following components:

• Sub Align Mono

• Sub Align Stereo

CHAPTER 2: QUICK START GUIDE

As with all Waves plugins, factory presets are a good place to start. Click the Load button on the WaveSystem toolbar, and choose the preset closest to your preference. Tweak it from there. You can always reset all plugin controls by loading the Sub Align Full Reset preset, using the Load button on the WaveSystem toolbar.

CHAPTER 3: INTERFACE AND CONTROLS

3.1 Interface

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3.2 Controls

Tops Solo

Solos the Tops.

Tops turn orange when Solo is activated.

In the Sub Align Stereo component, click the Link icon   to link the Left and Right sides.

Range: On, Off

Default: Off

X-Over
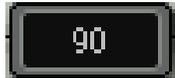
Slide the X-Over fader left or right to adjust the crossover point between the tops and the subs. Changes in the crossover point will be heard most clearly when you solo the tops or the subs. Use the +/- controls for fine tuning.

Range: 40–250 Hz

Default: 90 Hz

Subs Solo

Solos the Subs.

Subs turn orange when Solo is activated.

In the Sub Align Stereo component, click the Link icon   to link the Left and Right sides.

Range: On, Off

Default: Off

Subs
The large Subs icons (item 6 in the interface legend above) are actually movable faders. You can move them up and down the scale. The scale reflects changes in delay time.

Subs Phase
Click to flip the subs' polarity 180 degrees.

In the Sub Align Stereo component, click the Link icon   to link the Left and Right sides.

Range: On, Off

Default: Off

Subs Delay Scale Units

For convenience, delay time can be shown in one of three ways:

ms – milliseconds

ft – feet

m – meters

Default: ms

Sub Delay Scale
The Sub Delay Scale will change per the Subs Delay Scale Units chosen.

Subs Delay
Adjusts the delay time between the subs and the tops.

In the Sub Align Stereo component, click the Link icon   to link Left and Right sides.

Use the +/- controls for fine tuning.

ms range: -50 to 50 milliseconds

ft range: -56 to 56 feet

m range: -17 to 17 meters

Default: 0 ms

Subs Gain

| − | 0.0 | + |
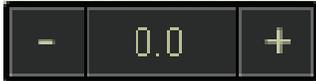
Adjusts the subs' output gain.

In the Sub Align Stereo component, click the Link icon ⊡ to link the Left and Right sides.

Use the +/- controls for fine tuning.

Range: - INF to 18 dB

Default: 0 dB

3.3 Sub Align Block Diagram