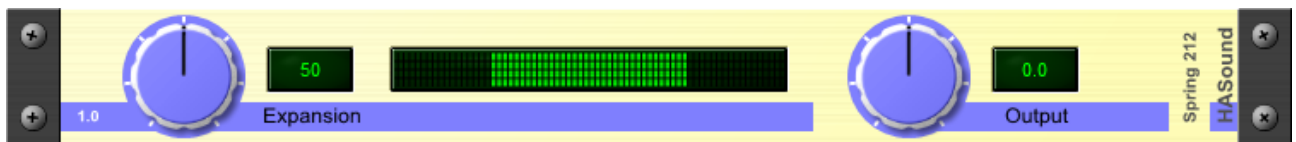


HASound

Spring 212

stereo expander

User manual



HASound



Table of Contents

- Chapter 1 - Introduction 3
 - 1.1 Welcome 3
 - 1.2 Product Overview 3
- Chapter 2 - Interface and Controls 5

Chapter 1 - Introduction

1.1 Welcome

Thank you for choosing HASound audio software. Please read this user manual before you start using our signal processor.

If after reading you still have questions, you can always ask for help at:
support@hasound.com

We also recommend to follow the HASound news and software updates using our RSS feed:

<http://www.hasound.com/rssfeed.php>

Audio Unit version implemented using Symbiosis from NuEdge Development.



SYMBIOSIS

1.2 Product Overview

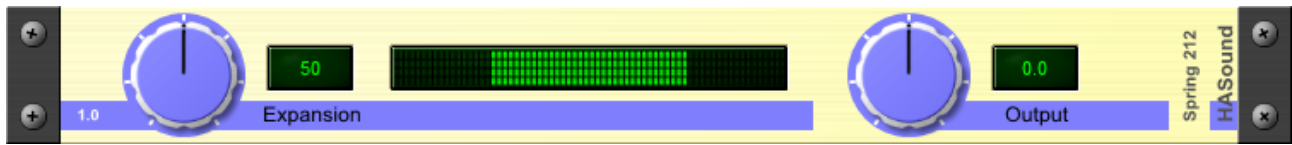
HASound Spring 212 is a specific stereo expander.

It can produce the effect of stereo expansion for the tracks, that will be playing on boombox. You can use this if you are sure that your tracks will be playing only on audio systems with closely spaced loudspeakers. For audio systems with widely spaced loudspeakers it may not be a positive effect, but rather vice-versa. Besides your tracks can lose mono compatibility. Use

HASound Spring 212 if stereo expansion is really necessary.

Use HASound Spring 212 during mastering at the end of the DSP chain before the limiter.

Chapter 2 - Interface and Controls



Expansion knob controls the width of stereo field.

Output knob controls output gain to +6 dB.