

# Little MicroShift

Little Stereo Widening

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User's Guide

Version 5 : For Mac and Windows



## THE BASICS / Pg. 3

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About Little MicroShift ..... pg. 4

## THE LITTLE MICROSHIFT CONTROL PANEL / Pg. 5

---

Mix ..... pg. 5

Style I ..... pg. 5

Style II ..... pg. 5

Style III ..... pg. 5

## ADDITIONAL INFORMATION / Pg. 6

---

Support / Contact ..... pg. 6



Figure 1: The Little MicroShift GUI

Little MicroShift brings us back to the early days of pitch-shifting, and in fact our very own early days working at Eventide.\* In those days, we (Ken and Bob) were asked to create a stereo harmonizer, what would eventually become the H3000 Multi-Effects Processor. The H3000 became an absolute effects monster, with dozens of effects algorithms and hundreds of presets. The hard work paid off, and today you'll be hard pressed to find a studio or venue that doesn't include a H3000 (or later variant) in the rack.

As cool as all that was, the thing is, when we would walk up to a rack with an H3000 in it, it was almost always set up for only small pitch shifts to thicken and widen background vocals or instrumentation. The idea behind this trick is fairly simple; dial in a few cents up on the left, and a few down on the right, add a dash of delay, and voila - instant fat stereo sound! Of course, it's been used on lots of other things but that's really where the whole thing got started.

Micro pitch-shifting is still a vital part of most mix engineers "bag of tricks" a couple of decades or so later, especially on guitars to get crazy wide walls of sound. For this reason, vintage pitch-shifters like the H3000 as well as the Eventide H910(x2), and AMS DMX 15-80 are still in demand. In fact, some of the earliest plug-ins we developed, SoundBlender and PurePitch, were designed to bring this trick into the burgeoning digital domain.

Simply put, Little MicroShift will make your tracks anything but little. Be it vocals, synths, guitars, backing vocals or whatever you choose to run through it, Little MicroShift uses this classic studio widening trick to

spread out, thicken up, and give a new space to any track you hit with it.

With three pitch-shift modes, Little MicroShift combines the classic sound of hardware coupled with advanced new features, all in a very intuitive and easy to use plug-in. Little MicroShift is the go-to tool for making things wider and bigger in your own virtual effects rack.

\* Note: Eventide, Harmonizer, and H3000 are all trademarks of Eventide Inc. AMS is a trademark of AMS Neve Ltd. These are mentioned for historical purposes only. AMS and Eventide in no way endorse this product, and are not associated or affiliated with Soundtoys.



Figure 2: The Little MicroShift GUI

## MIX

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The Mix control determines the balance between the dry (unprocessed) and wet (processed) sounds in Little MicroShift. For the clearest, widest sound, 100 percent wet is the way to go. To get a thicker more chorused sound, you can use the Mix control to blend some of the original dry signal with the pitch shifted and delayed effect.

## STYLE I

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Modeled on preset #231 from the H3000. We've pretty closely matched the delay and pitch variation (which isn't exactly what the front panel on the hardware displays, interestingly enough), and even emulated the sound of the analog saturation present in the original hardware.

## STYLE II

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Modeled on preset #519 from the H3000, which was based on a different pitch shifting algorithm. This has a slightly different feel than Style I due to different amounts of delay variation and a different frequency response.

## STYLE III

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Modeled on a favorite setting from another vintage hardware unit, the AMS/Neve DMX 15-80. This style has much wider delay variation, different saturation characteristics, and a different, harder, 'de-glitching' circuit.

## SUPPORT INFORMATION

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Now that you've taken the time to learn all about Little MicroShift, have fun, experiment, and make greatness! If our plug-ins helped you take your production to the next level, let us know, we'd love to hear from you and what you were able to create with our software.

If along the way however you should run into any hiccups or anything unexpected, we offer free technical support for all registered users.

Our FAQ contains many helpful answers. you can find it at:

**<http://support.soundtoys.com>**

If you need further support you can find our Customer Support contact form at:

**<https://www.soundtoys.com/forms/support>**

You can also reach our support staff by e-mail at:

**[support@soundtoys.com](mailto:support@soundtoys.com)**

If neither of those options work for you, our office can be reached via telephone at:

**1-800-COOL-EFX**

*Please* have the following information available to help assist our support team:

- The product version and serial number
- The version number of your audio system (e.g ProTools 11.2.1, Cubase 8.0.5, Logic 10.2.0, Cakewalk Sonar X3)
- Your interface/hardware (e.g. Mbox Pro, Apogee Quartet, RME Fireface, etc.)
- Your computer and operating system info (e.g. MacPro OS X 10.9.5, Windows 7 SP1, Windows 8.1, etc.)
- A detailed description of the problem

## CORPORATE CONTACT

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