

Syntheway



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1. Description

Harmodion is a **Drawbar organ** and **free reed aerophone** instrument emulation, including **Reed organ**, **Harmonium**, **Accordion** and **Bandoneon** among others.

Harmodion uses **Additive Synthesis** allowing to manipulate harmonically the sine waveform components to produce pitched sounds, as well as to individually detune those components to produce inharmonic timbres.

Features:

- | **9 Drawbars.** By sliding drawbars in or out, the user can mix various pitches and create the richly distinctive sounds of an **electric organ** or of a **free reed aerophone** instrument.
- | The **Additive synthesis** constructs complex sounds by controlling the level of individual sine-wave components. The sound can be reshaped by alterations made to timbre. A harmonic sound could be restructured to sound inharmonic, and vice versa.
- | The rich harmonic content of their sound allows to generate the widest palette of tonal variations for **Drawbar** organs, **Reed** organs and **Squeezeboxes** emulations.
- | **Vibrato** effect, with depth and speed modulation controls.
- | Adjustable **Key Click** simulation to add the percussive effect for distinctive organ sounds and button click noise in Accordion and Bandoneon presets.
- | Configurable **Drive** level. Accomplished by clipping the input signal, this effect adds sustain and additional harmonics and overtones to the signal, creating a richer sound with a warm thickness regarding to the original tone.
- | FULL **MIDI Automation**: Complete MIDI Continuous Controller (Control of all parameters for use with external hardware control).
- | **32 Presets** available for immediate use in a wide range of genres from blues, jazz, gospel and rock styles to folk, ethnic and popular music.

List of 32 HARMODION Presets
<ul style="list-style-type: none">- Default- Drawbar Organ- Orgue de la Chapelle- Vibratone (Reed Aerophone)- Flute Organ- Tan-Go (Tango Accordion)- Fantasy Organ- Squeeze Accordion- Organphone- Harmonica- Overdrive Organ- Harmonium- Reed Organ- Calliope Circus Organ- Soft Organ- Percussive Organ- Hard Overdrive Organ- Odd Organ- Accordion- Hammondish B3

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| <ul style="list-style-type: none"> - Bandoneón - Rock Organ - Elektro-Organ - Pure Organ - Blues Organ - Dirty Organ - Rotary Organ - Metalized Rock Organ - Space Organ - Telharmonium (Dynamophone) - Flutina Accordion - VibraphOrgan |
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2. System Requirements

- | Operating System : Windows® 98SE/ME, Windows® 2000, Windows® XP, Windows® Vista, Windows® 7.
- | **Linux** Operating System, with the following requirements (Special Thanks to **Paul Davis**)
- | Processor: Pentium®, Celeron® or equivalent - 500 MHz or more (recommended).
- | RAM: 128 MB of memory (256 MB recommended)
- | VST 2.0, 2.3 Host application like: FL Studio 9.xx, 8xx, Steinberg Cubase 4.xx,3.xx, Cubase SL 1.xx, 2.xx, Cubase SX 1.xx, 2.xx, 3.xx, Synapse Orion Pro 7.xx, Synapse Orion Platinum 6.xx 7.xx, Sony Acid Pro 7.xx, 6.xx, Magix Music Maker 14.xx, 15.xx, MakeMusic Finale 2010 v.15 - 2009 v.14, Mackie Tracktion 2.xx, Audio Mulch 1.0, Steinberg Nuendo 1.xx, 2.xx, 3.xx, Samplitude 11.xx 10.xx, Cakewalk's SONAR 8 Producer Edition and Studio Edition, SONAR Home Studio 7, Bram Bos Tunafish 1.xx, M-Audio Ableton Live 7.xx, 6.xx, M-Audio Evolution Sound Studio II Standard & Pro 2.xx, PowerTracks Pro Audio, Making Waves Audio & Studio 5.xx.
- | Graphics (minimum): 16-bit 800x600
- | Work with other hosts, as a **DirectX plug-in** using the **FXpansion Vst-Dx V3/4 adapter or running ToneWise's DirectiXer 2**. Is the easiest way to gain access to the hundreds of VST plug-ins from your DirectX audio application. Compatible with the Cakewalk Audio line (v6 and higher), FASoft N-Track, Sound Forge and Vegas (as an Aux effect only, in Vegas), Acon Digital Media Acoustica 4.0 (Effects only) Syntrillium Cool Edit Pro, and many more.
- | **Via FXpansion's VST-to-RTAS Adapter:** M-Audio Digidesign Pro Tools M-Powered Recording Software.
- | **Via FXpansion's VST to AudioUnit Adapter for Mac OS X:** A highly-integrated plug-in wrapper that allows users of AudioUnit-compatible applications to integrate VST plug-ins and instruments seamlessly in to their working environment.
- | Other Components: PC configured according to the specifications of the host application
- | An ASIO® soundcard is recommended for low latency real-time play.

3. Installing and Uninstalling VST Plug-in

To install VST plug-in, follow these steps:

- ┆ The file must be in a directory where the VST host is looking for VST plug-ins.
- ┆ Unzip the file.
- ┆ **Put the Syntheway Harmodion.dll file into VST Plug-ins Folder of your host application.**

To uninstall simply remove the **Syntheway Harmodion.dll** file of your VST Plug-ins folder.

4. MIDI Implementation Chart for Syntheway Harmodion:

The following **MIDI Continuous Controllers** (MIDI CC) messages are recognized and affect the following parameters:

Controller Number Controller Name	
CC# 00 - CHANNEL	
CC# 07 - VOLUME	
CC# 11 - DRIVE (HARD / SOFT)	
CC# 21 -DRAWBAR 1	
CC# 22 -DRAWBAR 2	
CC# 23 -DRAWBAR 3	
CC# 24 -DRAWBAR 4	
CC# 25 -DRAWBAR 5	
CC# 26 -DRAWBAR 6	
CC# 27 -DRAWBAR 7	
CC# 28 -DRAWBAR 8	
CC# 29 -DRAWBAR 9	

CC# 70 - ADSR - DECAY
CC# 71 - ADSR - SUSTAIN
CC# 72 - ADSR - RELEASE
CC# 73 - ADSR - ATTACK
CC# 76 - ADSR - GAIN

CC# 74 - BRIGHT
CC# 75 - KEY CLICK NOISE

CC# 91 - VIBRATO - SPEED
CC# 92 - VIBRATO - DEPTH

5. Version History

- | **v1.0: First release.**
 - | v.0.9, v0.95, v0.97: Beta (Beta Tester version only)
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6. Technical Support and Contact

Free Technical Support to Registered Users:

Please take a look at the [FAQ \(Frequently Asked Questions\)](#) before you contact customer support. If you have any problems with instruments and effects, you can contact us by [e-mail](#). Support requests are answered as quickly as possible, if you send the following information:

- | Syntheway Product
- | Host Application (Name & Version number)
- | A very detailed description of the problem

Your inquiry will be answered in the order in which it is received. Due to the volume of e-mail, sometimes, these may not be able to respond immediately.

Contact Information

General Information	info@syntheway.net
Contact	contact@syntheway.net
Sales	sales@syntheway.net
Customer Support	support@syntheway.net
Legal Department	legal@syntheway.net
PR Contact	pressrelease@syntheway.net
Webmaster	webmaster@syntheway.net

7. FAQ (Frequently Asked Questions)

Here you will find answers to the most frequently asked questions: please take a look at the FAQ web page:

<http://faq.syntheway.net>

8. Update and Upgrade Policy:

As a general policy, Updates between minor Syntheway product versions are free. Upgrades between major Syntheway product versions are paid.

Updates:

An update is an interim release that fixes bugs, enhances usability, updates data, or adds a new feature to an existing version. For example, you would update Magnus Choir v1.00 to v1.1.

They get distributed electronically after their release. If you have already registered, and you will not get the email with "link to download update" within a reasonable time, send an email from the email account that was used with your registration. If your email address changes, please notify us support@syntheway.net so that we can update our database.

Upgrades:

Upgrades are changes in the major version number of the product (containing major new functionality, improves performance, enhances usability). When we release a major new release, we change the first number in the version number. So you switch to a higher version of a program within the same VSTi/VST product family. For example, you would upgrade Syntheway Harmodion v1.00 to v2.00. Upgrades are free when... you purchase Syntheway product and we introduce a major new release (e.g. moving from Realistic Virtual Piano v1.xx to v2.0) within 60 days of your purchase date. Any release containing major new functionality, an upgrade fee will probably be chargeable.

Specially discounted upgrade pricing is available to registered users of the immediately prior version of Syntheway Product. That is, if you are a registered user of v1.xx, you are eligible to upgrade to v2.0 at the special discounted upgrade price.

How often are updates and upgrades released?

We create product updates and upgrades when:

- ┆ New features or functionality have been added.
- ┆ Bugs and problems have been corrected.
- ┆ New features have been added or supported.
- ┆ New optimizations have been integrated into the VST architecture.

Check out for updates/upgrades to this software at:

<http://download.syntheway.net>

Notes:

- Make sure your email account can accept emails coming from us (domain: @syntheway.net). Also take a look to your SPAM folder.
- Personal details are kept private and are never spammed. For Updates Syntheway uses "BCC" to protect your email address privacy.

9. License:

Syntheway Harmodion VSTi - License Agreement

PLEASE READ THIS LEGAL AGREEMENT CAREFULLY.

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10. Evaluation & Registration

The code for the licensed and evaluation versions of this program are identical. The DEMO VERSION is full functional. You can do anything you can do with the full version, you can even save your presets. Also in the demo are some presets included to demonstrate the instruments capabilities. The only restrictions are, that the demo emits a decent noise about every 10 seconds. The full version does not have nagging sounds.

In developing software we have embraced "try before you buy" shareware concept that allows you to evaluate a product in

action and decide on real performance prior to taking out your wallet. As additional benefits there are free upgrade policy (within version numbers -e.g. 2.0 to 2.xx) and technical support via e-mail.

The full version is available to purchase, as downloadable software, and you can download the registered version when your payment is received. You will receive an email containing registered download link and password protection. For details on ordering through the Web, please visit us at: <http://shop.syntheway.net>

By buying our software you automatically support our development for upcoming products.

How to purchase with PayPal:

n **Use the convenient PayPal® Shopping Cart on the website.**

Orders are processed using the secure PayPal® shopping cart system. You will see an "Add to Cart" button on each individual VST Instrument / Effect. Click on the button for each product you wish to order, and follow the simple directions to complete your transaction.

You can purchase online using credit card, debit card, PayPal funds, bank funds or e-check (No additional cost). For your protection, PayPal verify credit card information. The process normally takes about 30 seconds. When your information has been successfully updated, you will see a confirmation message and receive an email with Payment Details and Transaction ID number.

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If you do not have a current PayPal® account and would like to open one, go to <http://www.paypal.com> and click on "Sign up for your FREE PayPal® account." It takes just a moment or two to set up, and the directions are very easy to follow.

Please try the demo before purchasing the full version to make sure this product runs fine on your system. Syntheway has an explicit policy of no refunds, so we cannot accept returns or provide refunds after registered program is downloaded.

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11. Plug-in Credits

Concept and Programming by Daniel Alberto Laiseca.

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