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1. Description

MAGNUS CHOIR is a virtual instrument plug-in which can be used to create natural and synthetic choirs, using a combination of synthesis and sampling. Available for Windows and Linux based VST/FST hosts.

Features

- l **Choirs, Vocal Textures** and **Pads** combines an advanced sampling engine and synthesizing techniques to an

instrument full of expression capabilities. DSP engine delivers a new level of realism in digital sound creation...

- | For a realistic choral sound, **Magnus** includes a variety of **vocal textures** and **sustained vowels** in multiple dynamics: Espressivo, Staccato, Marcato, Crescendo, Decrescendo, Tenuto, Maestoso, Legato, and more...

- | **32 Factory Presets** (Natural, Synthetic and Hybrid sounds with filter characteristics included):

- | **Oohs Choir**

- | **Choir Pads**

- | **Ahhs Choir**

- | **Dark Octave Choir**

- | **Mms Choir**

- | **Future Choir**

- | **Men's Choir**

- | **Astral Choir**

- | **Women's Choir**

- | **Psychedelic Choir**

- | **Angel's Choir**

- | **Spatial Voices**

- | **Odd Choir**

- | **Synthetic Choir**, and more...

- | **ADSR** envelope generator with Attack, Sustain, Decay and Release parameters and several modulation targets, that gives musicians almost limitless possibilities in varying and creating unique new sounds with different vocal characteristics.

- | **State Variable Filter** that includes **Low Pass**, **High Pass**, **Band Pass**, and **Band Reject** filters with adjustable *Cutoff Frequency* and *Resonance*, depending on the performer's preference.

- | **Reverb Effect Built-in**: Free variation of acoustic ambience thanks to complete separation of choir and room. Small rooms can be modeled just as accurately as larger spaces. Customizable with user controls for: size room, width room, damping factor & mix, used to create psycho-acoustic models in the DSP environment, without having to load up any other plug-ins.

- | Clear user interface helps work intuitively, inviting the user to experiment creatively.

- | VU Meter - Volume Unit Meter: A device that indicates the relative levels of the audio being played. It is calibrated to show a maximum recording level to avoid saturation and distortion.

- | Affordable price and user-friendly attitude are sure to attract many enthusiasts and musicians.

- | **FULL MIDI Automation**: Complete MIDI Continuous Controller. You can use this to automate parameter changes from a sequencer, or to control your synthesizers from an external MIDI control surface.

Musical Terminology

These terms have an Italian etymology, reinforcing the Italian origins of standard modern musical notation:

- | **Espressivo:** With expression
- | **Staccato:** Short and detached
- | **Marcato:** Marked, emphasized
- | **Crescendo:** Increase in volume
- | **Decrescendo:** Decrease in volume
- | **Tenuto:** Hold or sustain
- | **Maestoso:** Majestic
- | **Legato,** Smooth and connected

2. System Requirements

Before you install VST instruments & Effects, please make sure your computer fulfills the following requirements:

- | **Windows®** 98/ME, Windows® 2000, Windows® XP Operating System.
- | Processor: **Pentium®**, **Celeron®** or equivalent - 500 MHz or more.
- | RAM: 64 MB of memory (128 MB or more recommended)
- | **VST 2.0 Host application** like: FL Studio 6.xx, 5.xx, Steinberg Cubase VST 5/32, Cubase VST 5 Score, Cubase VST 5 Standard, Cubase SL 1.xx, 2.xx, Cubase SX 1.xx, 2.xx, 3.xx, Synapse Orion Pro 4.xx, Synapse Orion Platinum 6.xx, Mackie Tracktion 2.xx, Audio Mulch 1.0, 1.0rc1, 0.9xx, Steinberg Nuendo 1.xx, 2.xx, 3.xx, Samplitude 8.xx, Cakewalk's SONAR 5 Producer Edition and Studio Edition, SONAR Home Studio 4 and Home Studio 4 XL, Bram Bos Tunafish 1.xx, M-Audio Ableton Live 5.xx, M-Audio Evolution Sound Studio II Standard & Pro 2.xx and more ...
- | Graphics (minimum): 16-bit 800x600
- | **Linux** Operating System, with the following requirements (*Special Thanks to Paul Davies*):
 - | - **JACK** : 0.100.0 or above (<http://jackit.sourceforge.net>)
 - | - **Wine** : preferably 1.0 or above (many older versions will work too) (<http://www.winehq.org/>)
 - | - **FST** : 1.7 or above (<http://joebutton.co.uk/fst/>)
- | Work with other hosts, as a **DirectX plug-in** using the FXpansion Vst-Dx V3/4 adapter or running 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, Sonic Foundry ACID, Sound Forge and Vegas (as an Aux effect only, in Vegas), Syntrillium Cool Edit Pro, SEK'D Samplitude and Samplitude 2496, etc.
- | **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.
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3. Installing and Uninstalling VST Plug-in

To install VST plug-in, follow these steps:

- | The files must be in a directory where the VST host is looking for VST plug-ins.
- | Unzip and extract ***.RAR file**
- | RAR file contains ***.dat & *.dll** files.
- | **Put both files into VST Plug-ins Folder of your host application.**

Note: RAR file extension: The files are compressed with WinRAR for minimum file size. RAR is a format like ZIP. It is a compressed archive. You must to extract the RAR contents using WinRAR: It's free from www.rarlab.com/download.htm. Like unzipping a *.zip file, extract "*.rar" into VST Plug-ins Folder. (RAR Contains "*.dat" & "*.dll" files). Right click on *.rar, select 'extract Files' from the menu. (More info about RAR format at <http://faq.syntheway.net>)

To uninstall simply remove the ***.dat & *.dll** files of your VST Plug-ins folder.

4. MIDI Implementation Chart for Magnus Choir:

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

| Decimal | / | Controller Name |
|---------|---|-----------------|
|---------|---|-----------------|

CC# 07 - MASTER VOLUME

CC# 20 - S. V. FILTER - LOW PASS

CC# 21 - S. V. FILTER - HIGH PASS

CC# 22 - S. V. FILTER - BAND PASS

CC# 23 - S. V. FILTER - BAND REJECT

CC# 24 - S. V. FILTER - CUTOFF FREQUENCY

CC# 25 - S. V. FILTER - RESONANCE

CC# 71 - DECAY - ENVELOPE GENERATOR

CC# 72 - RELEASE - ENVELOPE GENERATOR

CC# 73 - ATTACK - ENVELOPE GENERATOR

CC# 74 - SUSTAIN - ENVELOPE GENERATOR

CC# 88 - REVERB SIZE ROOM

CC# 89 - REVERB WIDTH ROOM

CC# 90 - REVERB DAMPING FACTOR ROOM

CC# 91 - REVERB MIX LEVEL

5. Version History

I **v.1.5**

Improvements:

- Updated built-in sound bank to 32 patches (16 new predefined sounds).
- Added State Variable Filter, that includes Low Pass, High Pass, Band Pass, and Band Reject Filters with adjustable Cutoff Frequency and Resonance.
- Added MIDI Automation: MIDI Continuous Controllers (MIDI CC) messages are recognized from an external MIDI control surface.
- Redesigned GUI.
- Added embedded CHM help/info file and button on GUI.
- Display selected preset.
- Added Web link button to " register full version" in demo, and web-link to our site in registered version.

Fixed bugs:

- Bug selecting some preset sound and exporting audio, it resets to default value. Now it is fixed.
- Small bug fixes.

I **v1.0: First release.**

I **v1.0rc1:** Release Candidate.

I **v0.93/0.94:** Beta released.

I **v0.92:** Alpha released.

6. Technical Support and Contact

Free Technical Support to Registered Users:

Please take a look at the FAQ (Frequently Asked Questions) at <http://faq.syntheway.net> , before you contact customer support.

If you have any problems with instruments and effects, you can contact us by e-mail (English and Spanish languages allowed). 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 | |
|---------------------|--|
| Information | info@syntheway.net |
| Contact | contact@syntheway.net |
| Sales | sales@syntheway.net |
| Customer Support | support@syntheway.net |
| Webmaster | webmaster@syntheway.net |
| Company Website | http://www.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 webpage:

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 Realistic Virtual Piano VSTi v2.00 to v2.1.

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 30 days, send a blank email (Subject: specifying your VSTi/VST) to register@syntheway.net from the email account that was used with your registration.

Update your contact information: *If you are a registered user, and your e-mail address has changed, here's how to update your information: Please <mailto:support@syntheway.net?subject=Customer> email changed , specifying your old and new email address, and your reference number for all orders you have placed.*

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 Master Hammond B3 v1.00 to v2.00. Upgrades are free when... you purchase Syntheway product and we introduce a major new release (e.g. moving from Fantasia 1.4 to Fantasia 2) 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:

Magnus Choir VSTi - License Agreement

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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 this intermitting noise.

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. You are hereby licensed to use this software for evaluation purposes without charge for a period of 30 days. If you use this software after the 30 day evaluation period a registration fee is required.

The full version is available to purchase, as downloadable software, and you can download the registered version when your payment is received. **Usually be sent within 24 hours of payment on weekdays and weekends.** 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>

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).

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Make sure your email account can accept emails coming from us (domain: syntheway.net). Also take a look to your SPAM folder.

n **If you do not have a PayPal® account...**

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 test extensively the demo version of your selected product(s) in your host to make sure there are no misbehavior before purchasing. 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, Programming, GUI Design and DSP by Daniel Alberto Laiseca

12. Acknowledgements:



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