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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.

Choirs, Vocal Textures and **Pads** are combined with an advanced sampling engine and synthesizing techniques which make it a versatile instrument, full of expression capabilities. DSP engine delivers a new level of realism in digital sound creation...

Features:

- l **Magnus Choir** includes a variety of **vocal textures** and **sustained vowels** in multiple dynamics: Espressivo,

Staccato, Marcato, Crescendo, Decrescendo, Tenuto, Maestoso, Legato, and more...

- | ➡ **48 Factory Presets** (Natural, Synthetic and Hybrid sounds with filter characteristics included).
- | ➡ **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.

List of 48 Magnus Choir Presets
<ul style="list-style-type: none">• Default• Celestial Choir (...In The Garden of Eden)• Aahhs Choir (Sustained Vowels)• Octave Choir (Men's Choir)• Curious Choir (Odd)• Big Choral (Women's Choir and Men's Choir -Maestoso)• Angels Choir (Legato)• Magnus 1 (Sustained Vowels)• Oohs Choir (Sustained Vowels)• Synthetic Choir (Spatiotemporal)• X Choral (Relaxed Vowels)• Choralis (Choral Pad -Cresc-Decresc-Sustained)• Future Choir (Tenuto)• Magnus 2 (Espressivo - Maestoso)• Glorious (Maestoso - Majestic and Sustain)• Finale (Women's Choir and Men's Choir)• Vox Vocis (Vocal Texture -Staccato)• Psychedelic Vox (Synthetic)• Breath Choir (Staccato)• Quasi Spatial Voices (Choir Pad)• Textural Murmur (Odd Choral)• Ad Infinitum (Tenuto Choir -Legato)• Infernus (Crescendo Dark Octave Choir)• Hybrid Choir (Marcato - Synthetic and Natural)• Astral Choir (Crescendo and Decrescendo)• Alienus (Marcato Odd Choir)

- Caelestis (...Kingdom Of Heaven)
- Psychomantium (...A Place Of Necromancy) -Tenuto-
- Ad Libitum (Oohs + Aahhs Chorus)
- Aeternus Lux Lucis (Tenuto)
- Divinitus Chorus (Staccato)
- Mystical Choir (Mms Choir)
- The Apocalypse Has Begun (Crescendo)
- Abbey Ghost (Synthetic Voices)
- Aurum Vox (Choral Pad)
- Lost Souls In The Dark (Atmos)
- Guardians Of Limbo (Atmos)
- Spectralys (Pad Noise -Cresc-Decresc-Sust)
- Voices In The Mist (Fx)
- Restless Spirits (Odd Wailing - Atmos)
- Angels Between Us (Decay)
- Eximius Choral Group (Women's Choir and Men's Choir)
- Padilius Fx (Pad)
- Vinyl Choir (Women's Choir and Men's Choir)
- Escape To Paradise (Choir Pad)
- Terrifying Voices (Fx)
- Aeris Mortis (Decay)
- Sanctus: Voices of Ascension (Holy Choir)

2. System Requirements

Before you install VST Instruments & Effects, please make sure your computer fulfills the following 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 minimum (256 MB or higher recommended)
- ┆ VST v2.0, v2.3 hosts compatible: Magnus Choir can be "plugged in" to any host application that supports them allowing the same VST plug-in to be used with many different audio programs like: FL Studio 9.xx, Steinberg Cubase 5.xx - 4.xx, Synapse Audio Orion 7.xx, Sony Acid Pro 7.xx - 6.xx, MakeMusic Finale 2010 v.15 - 2009 v.14, Mackie Tracktion 3.xx, Cockos Reaper 3.xx, Audio Mulch 2.xx, Steinberg Nuendo 4.xx - 3.xx, Magix Samplitude 11.xx - 10.xx, Cakewalk SONAR 8 (Producer Edition and Studio Edition), SONAR Home Studio 7, Magix Music Maker 15.xx, M-Audio Ableton Live 8.xx, 7.xx, M-Audio Evolution Sound Studio II Standard & Pro 2.xx, PowerTracks Pro Audio, Making Waves Studio 5.xx, n-Track Studio 6 and more ...
- ┆ Graphics (minimum): 16-bit 800x600
- ┆ Other Components: PC configured according to the specifications of the host application
- ┆ An ASIO® soundcard is recommended for low latency real-time play.

- | **Please test extensively the demo version of your selected product (s) in your host to make sure there are no misbehaviors before purchasing.**
-

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 Magnus Choir.dll file into VST Plug-ins Folder of your host application.**

To uninstall simply remove the **Magnus Choir.dll** file 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 following parameters:

Controller Number Controller Name	
# 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

| **v1.6:**

Improvements and Changes:

- Updated built-in sound bank to 48 patches (16 new predefined sounds: Choirs, Atmos, Fx, Pads, odd voices and wailing).
- Minor adjustments in GUI.
- Minor modifications have been made to the default settings.
- Added link to website in company logo.

Fixed bugs:

- Message error in selector was fixed for Cubase, V-Stack, Sibelius and Reaper hosts.
- Sporadic crash in Synapse Orion was fixed.
- Small bug fixes.

| **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.

| **v1.0: First release.**

- | **v1.0rc1:** Release Candidate.
- | **v0.93/0.94:** Beta released.
- | **v0.92:** Alpha released.
- | **v0.90/0.91:** Pre-Alpha released.

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

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 Magnus Choir 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:

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

9. License:

Syntheway Magnus Choir VSTi - License Agreement

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9. All questions concerning this License Agreement shall be directed to: e-mail: license@syntheway.net

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:

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.

After your purchase, when payment is received, **registration is delivered by email usually less than 24 hours**. You will receive an email containing registered download link and password protection. If you don't receive the "link to download" within 24 hours, it may be due to a spam filter. Check your filters and "Junk Email" folder, or [contact us](#) if you are still having trouble. We apologize for any inconvenience caused by these delays.

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 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.

:::: Safe Shopping: The latest SSL 128 bits technology for the highest security ::::

11. Plug-in Credits

Concept and Programming by Daniel Alberto Laiseca.

Syntheway Magnus Choir™ is a trademark of Syntheway Virtual Musical Instruments.

12. Acknowledgements:



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