



Chordophonet Virtual Harp & Hammered Dulcimer VSTi



Syntheway Virtual Musical Instruments

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1. Description

CHORDOPHONET is a Virtual Harp and Hammered Dulcimer sample based software instrument.

Features:

- **Mode Selector** to switch between Harps, glissandos and hammered Dulcimer sounds:
 - **Concert Harp**
 - **Celtic Harp**
 - **Harp Glissando** (Single and Multiple, Ascending and Descending)
 - **Upward-Downward Harp Glissando** (Two handed)
 - **Hammered Dulcimer**
 - **Hammered Dulcimer Octaves**
- **Biquad Filter**, The values are automatically computed when you select any of the filter types. Filter switch includes: LP (Low pass), BP (Band pass), HP (High pass), notch, peak, low pass and high pass shelving filter with adjustable cutoff frequency and bandwidth.
- Each pluck was recorded in 16-bit resolution (44100 Hz sampling rate), using special equipment in a low noise environment.
- Pre-recorded **Harp Glissando** and **Upward-Downward Harp Glissando**, capturing the sounds produced by rapid sliding motion of fingernails or finger tips across strings (Ascending gliss: keyrange C3..B3 - Descending gliss: keyrange C4..B4). Alternatively **Glissandos** can be played by running one's fingers up and down the white keys of the keyboard, creating an ascending and descending gliss effect.
- **Release Time** parameter.
- **Virtual Room**: Free variation of acoustic ambience thanks to complete separation of the Harp or Dulcimer and the room.
- **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.

2. System Requirements

- **Windows Operating System:** Native dll file for Windows® XP, Windows® Vista, Windows® 7, Windows® 8 / x86 (32 bit). For x64 (64 bit) test the demo plugin with your host internal bit bridge as in Cubase (VST Bridge), FL Studio (Bridged mode), Cakewalk SONAR X1, X2 (BitBridge) or via external jBridge application for Ableton Live, PreSonus Studio One, etc.
- **Apple Mac OS X:** See options available for Macintosh users in Universal Binary and more.
- **Linux Operating System:** with the following requirements (Special Thanks to Paul Davis) or in MusE from v2.1 with Native VST support.
- 500 MHz Processor (Pentium®, Celeron® AMD® or equivalent) minimum.
- RAM: 128 MB or higher recommended.
- VST compatible host / Digital Audio Workstation DAW/ MIDI Sequencer: This VST software can be "plugged in" to any host application that supports VST Technology like: Image-Line FL Studio, Steinberg Cubase, Cakewalk SONAR X1 - X2 (Producer, Studio, Essential), Ableton Live, Cockos Reaper, PreSonus Studio One, Acoustica Mixcraft, Synapse Audio Orion, Sony Acid Pro, MakeMusic Finale, Avid Sibelius, Mackie Tracktion, Audio Mulch, Steinberg Nuendo, Magix Samplitude, Magix Music Maker, Cantabile Lite - Solo - Performer, n-Track Studio, VSTHost, SAVIHost, M-Audio Evolution Sound Studio II Standard & Pro, PowerTracks Pro Audio, Making Waves Studio, Native Instruments KORE 2 Software-Hardware workstation and much more ...
- 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:

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

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

4. MIDI Implementation Chart for Syntheway Chordophonet:

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

MIDI CC #	-	Controller Name
CC# 00	-	CHORDOPHONET SELECTOR
CC# 07	-	MASTER VOLUME
CC# 72	-	RELEASE - ENVELOPE GENERATOR
CC# 88	-	REVERB SIZE ROOM
CC# 89	-	REVERB WIDTH ROOM
CC# 90	-	REVERB DAMPING FACTOR ROOM
CC# 91	-	REVERB MIX LEVEL
CC# 20	-	CUTOFF - BIQUAD FILTER
CC# 21	-	BANDWIDTH - BIQUAD FILTER
CC# 22	-	GAIN for EQ Peak, High/Low Shelf
CC# 23	-	FILTER TYPE - BIQUAD FILTER

5. Version History

Software Development and Release Stages

- **v1.0: First release** (General availability)
- **v0.90/0.98:** Alpha released (Testing and development period).

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 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 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 Chordophonet 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.
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9. License:

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10. Evaluation & Registration

The code for the licensed and evaluation versions of this software are identical, but **Demo Version** have limitations described below.

The demo restrictions are:

- - Limited keyrange: Only 2 octaves available (Range: C5-B6, Notes: 24) for Concert Harp, Celtic Harp and Hammered Dulcimer.
- - Glissandos and Dulcimer octaves are disabled.
- - Emits a noise every 10 seconds.

The Registered Version does not have nagging sounds and their use is unlimited.

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**](http://shop.syntheway.net)

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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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Syntheway Virtual Musical Instruments

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