

# Syntheway



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## 1. Description

**DAL FLUTE** is a virtual woodwind instrument combining multi-samples of real flutes with a Digital Signal Processing (DSP) engine. Offers control over several parameters allowing you to sculpt new and interesting sounds.

### **Features:**

- l Hybrid Synthesis that combines sample-playback engine with native DSP processing.
- l Powerful multi-mode filters, envelopes, and LFOs give a wealth of creative possibilities.
- l Flute Selector: Normal, Bright, Pan Flute (Panpipe) and Shakuhachi modes.

- | 32 presets redesigned in a wide range of styles ( 8 for each mode: Normal, Bright, Pan and Shakuhachi).
- | **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.

### ***DAL Flute Sections:***

#### LFO2 Section:

- | 1 LFO -Low Frequency oscillator- with 6 waveforms (Sine, saw, ramp, triangle, pulse & S&H) + Speed, Pulse Width , Depth.
- | 1 LFO -Low Frequency oscillator- with 5 waveforms (Sine, saw, ramp, triangle & pulse) + Speed, Pulse Width , Depth.

#### Envelope2 Section:

- | Filter Envelope: ADSR (Attack, Decay, Sustain, Release) and Control the amount of the Filter Envelope Generator (Knob setting the Gain of the envelope)
- | Amplifier Envelope: ADSR (Attack, Decay, Sustain, Release)

#### Moog Filter Section:

- | Cutoff Frequency: Controls the Filter's Cutoff Frequency.
- | Resonance: Emphasizes the Cutoff Frequency.

#### Glide / Pitch Section:

- | Variable note glide speed.
- | Variable Pitch.
- | Mono and Retrigger switch: Possibility of turn the synth into Mono Mode and Retrigger switch.
- | X-Y axis Glide/Pitch: Drag and Drop option for Glide/Pitch effect, by clicking-and-dragging a point in an X-Y axis.

#### Miscellaneous Section:

- | Signal's Harmonic Spectrum (Freq. analyzer).
- | MIDI Channel selector : 1 to 16
- | Output Control: Emphasis and Volume knobs.
- | Web link button to " register full version" in demo, and web-link to website in registered version.

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## **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](#)

- | Processor: Pentium®, Celeron® or equivalent - 500 MHz or more (recommended).
  - | RAM: 128 MB of memory minimum (256 MB or higher recommended)
  - | Compatible VST host application: DAL Flute can be "plugged in" to any host software 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, PreSonus Studio One 1.5.2.xx 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.**
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### 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 DAL Flute.dll file into VST Plug-ins Folder of your host application.**

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

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#### 4. MIDI Implementation Chart for DAL Flute:

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

Controller Number   Controller Name	
CC# 00	FLUTE SELECTOR
CC# 01	FILTER - RESONANCE (Modulation Wheel)
CC# 03	FILTER - CUTOFF FREQUENCY
CC# 05	GLIDE - Portamento Time -
CC# 07	MASTER VOLUME
CC# 09	PITCH
CC# 11	EMPHASIS
CC# 12	X/Y GLIDE/PITCH - EFFECT 1
CC# 13	X/Y GLIDE/PITCH - EFFECT 2
CC# 71	DECAY - FILTER ENVELOPE
CC# 72	RELEASE - FILTER ENVELOPE
CC# 73	ATTACK - FILTER ENVELOPE
CC# 74	SUSTAIN - FILTER ENVELOPE
CC# 75	ENV. - FILTER ENVELOPE
CC# 84	ATTACK - AMPLIFIER ENVELOPE
CC# 85	DECAY - AMPLIFIER ENVELOPE
CC# 86	SUSTAIN - AMPLIFIER ENVELOPE
CC# 87	RELEASE - AMPLIFIER ENVELOPE
CC# 88	SPEED - LFO 1
CC# 89	PULSE WIDTH - LFO 1
CC# 90	DEPTH - LFO 1
CC# 102	SPEED - LFO 2
CC# 103	PULSE WIDTH - LFO 2
CC# 104	DEPTH - LFO 2

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#### 5. Version History / Changelog

##### ■ v2.1:

*Changes:*

- Added the **Shakuhachi**, a Japanese end-blown flute with 8 presets including natural and synthetic sounds

(Available in registered version)

- Some changes in the graphical interface.
- Minor adjustments have been made to the default settings.
- Added link to website in company logo and updated help/info CHM file by clicking on "question mark" (?) icon.

*Fixed bugs:*

- Small bug fixes.

I v2.0: Improvements:

- Redesigned sound engine.
- Less CPU use, most noticeable on Intel processors.
- 24 presets redesigned in a wide range of styles.
- Totally redesigned GUI - New buttons and knobs and some cosmetic changes.

Added:

- New Flute multi-samples are combined into hybrid environment.
- Normal, Bright and Pan Flute modes.
- MIDI Automation. Support via MIDI Continuous Controller data.
- Customizable Pitch Bend Range.
- Drag and Drop option for Glide/Pitch effect, by clicking-and-dragging a point in an X-Y axis.
- MIDI Channel selector button.
- Web-link button to "register full version" in demo, and web-link to website in registered version.
- Embedded CHM help/info file and button on GUI.

Bug fixes:

- Default pitch changed.
- Fixed problem with note trigger not working properly. (mainly FL Studio, possibly others).
- Small bug fixes

I v1.1: Minor bug fixed.

I v1.0: Initial version.

I v0.9: Beta released.

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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**

<b>General Information</b>	<a href="mailto:info@syntheway.net"><u>info@syntheway.net</u></a>
<b>Contact</b>	<a href="mailto:contact@syntheway.net"><u>contact@syntheway.net</u></a>
<b>Sales</b>	<a href="mailto:sales@syntheway.net"><u>sales@syntheway.net</u></a>
<b>Customer Support</b>	<a href="mailto:support@syntheway.net"><u>support@syntheway.net</u></a>
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<b>PR Contact</b>	<a href="mailto:pressrelease@syntheway.net"><u>pressrelease@syntheway.net</u></a>
<b>Webmaster</b>	<a href="mailto:webmaster@syntheway.net"><u>webmaster@syntheway.net</u></a>

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## **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>

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## 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 DAL Flute 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 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](mailto: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 DAL Flute v1.00 to v2.00. Upgrades are free when... you purchase Syntheway product and we introduce a major new release (e.g. moving from DAL Flute 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](mailto:support@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:

### Syntheway DAL Flute VSTi - License Agreement

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

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## 10. Evaluation & Registration

The code for the licensed and evaluation versions of this software are identical. With the Demo Version you can do anything you can do with the full version, also some presets are included to demonstrate the instruments capabilities.

The demo restrictions are:

- ┆ The demo generates a short beep noise in all output channels every 10 seconds
- ┆ It's limited to a certain number of trial executions.
- ┆ New sounds and presets of **Shakuhachi (Japanese end-blown flute)** aren't available.

**The Registered Version does not have nagging sounds, contains complete sound bank and their use is unlimited.**

The program is a SHAREWARE. You are hereby licensed to use this software for evaluation purposes without charge but if you use this software after the evaluation period, a registration fee is required. Note that by registering the software, you enable us to improve it and design new features.

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 the development for upcoming software updates.

### 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.

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.

**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 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 ::::

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## **11. Plug-in Credits**

Concept and Programming by Daniel Alberto Laiseca.

DAL Flute™ is a trademark of Syntheway Virtual Musical Instruments.

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## **12. Acknowledgements:**



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