



# DAL Flute VSTi

## Syntheway Virtual Musical Instruments

Email Contact: [contact@syntheway.net](mailto:contact@syntheway.net)

Email Support: [support@syntheway.net](mailto:support@syntheway.net)

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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

- Flute Selector:
  - **Normal Flute**
  - **Bright Flute**
  - **Bamboo Pan Flute**
  - **Shakuhachi (Japanese end-blown flute)**
  - **Recorder (English Flute)**
  - **Andean Quena (Kena Flute)**
  - **Siku (Andean Panpipe)**
  - **Ocarina (Vessel Flute)**
- Hybrid Synthesis that combines sample-playback engine with native DSP processing.
- Powerful multi-mode filters, envelopes, and LFOs give a wealth of creative possibilities.
- 64 presets designed in a wide range of styles: 8 for each mode.
- Shakuhachi, Quena and Siku instruments are available in registered version only.
- MIDI Automation: Complete MIDI Continuous Controller commands. Every parameter can be controlled via MIDI or host automation.

## 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.

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## 2. System Requirements

Before you install this VST Instrument, please make sure your computer fulfills the following requirements:

- Windows Operating System: Native dll file for Windows® XP, Windows® Vista, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10 / x86 (32 bit). For x64 (64 bit) test the demo plug-in with your host internal bit bridge as in Cubase ([VST Bridge](#)), FL Studio ([Bridged mode](#)), Cakewalk SONAR X Series (X1, X2, X3) ([BitBridge](#)) or via external [jBridge](#) application for Ableton Live, PreSonus Studio One, etc.
- 500 MHz Processor (Pentium®, Celeron® AMD® or equivalent) minimum.
- RAM: 256 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 X3 Series and SONAR Artist, Platinum and Professional, Ableton Live, Cockos Reaper, PreSonus Studio One, Acoustica Mixcraft, Synapse Audio Orion, Sony Acid Pro, MakeMusic Finale, Avid Sibelius, Mackie Tracktion, AudioMulch, Steinberg Nuendo, Magix Samplitude, Magix Music Maker, Cantabile (Lite, Solo, Performer), n-Track Studio, VSTHost, SAVIHost, PowerTracks Pro Audio, Making Waves Studio, 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](#).**

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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.
- Place 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 and the "User Guide and Information" and "License Agreement" PDFs files, if you also placed them there.

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

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

MIDI CC#	-	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

This section outlines revisions between DAL Flute releases. The most recent changes are at the top.

- **v3.0:**  
*Changes:*
  - Added: Recorder (English Flute), Andean Quena, Siku (Andean Panpipe) and Ocarina (Vessel Flute) with 8 presets each, including natural and synthetic sounds.
  - Added: push button icons for contact email, website link and information file.
  - Added: 32 new predefined sounds to the soundbank (Totaling 64 presets).
  - Documentation updated to fit current version.*Fixed bugs:*
  - Small bug fixed.
- **v2.1:**  
*Changes:*
  - Added the **Shakuhachi**, a Japanese end-blown flute with 8 presets including natural and synthetic sounds.
  - 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.
- **v2.0:**  
*Changes:*
  - 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.
  - New Flute multi-samples are combined into hybrid environment.
  - Normal, Bright and Pan Flute (aka: Pan pipe, Pandean Pipe) 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
- **v1.1:** Minor bug fixed.
- **v1.0:** Initial version.
- **v0.9:** Beta released.

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## 6. Technical Support and Contact



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>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 webpage:

<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 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 a link to download the update within a reasonable time, send us an email [register@syntheway.net](mailto:register@syntheway.net). Please, include in the subject the name of your registered VSTi/VST from the email account that was used with your registration. If your email address changes, please notify us to [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, and 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 1.1 to DAL Flute 2.0) 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 v1.0, 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:**

### **DAL Flute VSTi - License Agreement**

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## 10. Evaluation & Registration

The codes for the licensed and evaluation versions of this program are identical. The DEMO VERSION is 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, but not all sounds may be available. Some restrictions are that the demo emits a noise about every 10 seconds. The full version does not have nagging sounds. Please for more information see in zip package the Comparison Chart about "Limitations of the Unregistered/Demo Version".

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. 1.0 to 1.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. Please, check to make sure you are using a valid PayPal email address before ordering, because after your purchase and usually in less than 24 hours, we will send to your assigned email address a link in order to download the registered version of your choose software. 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.**

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## 11. Plug-in Credits

Concept and Programming by Daniel Alberto Laiseca

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## 12. Acknowledgements:

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