Legacy Horn
User Guide

⚡ LEGACY HORN

⚡ STREAMTECH
M U S I C

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By Streamtech Music

Contents

Introduction

Thank you for choosing Legacy Horn. A sample library designed to have fun, getting inspired and writing music—fast!

At Streamtech Music, we strive to turn the creative process into an experience filled with joy and inspiration, free from the hassles and complexities often associated with audio VSTs. Pursuing this aim, we made Legacy Horn to unify simplicity and exceptional sound quality. Its elegant design and incredible realism will make you eager to write new melodies, and we look forward to hearing them.

This guide has been curated to navigate you through every aspect of Legacy Horn. Regardless of your level of experience, we trust this manual will provide clear, comprehensive instructions, helping you unlock the full potential of this instrument. Each page features detailed descriptions and illustrations for a thorough understanding of its extensive features.

Legacy Horn mirrors our passion for innovating sample libraries. We now wish you a lot of fun with your new instrument!

Happy composing,

Maxime Luft

Founder of Streamtech Music

PART 1
Getting started

Getting Started

System Requirements

- KONTAKT Full Version 5.8.1 or later (we recommend installing the latest update available)
- Intel Macs (i5 or higher): 10.12 or later, 4 GB RAM (8GB recommended)
- Apple Silicon Macs (via Rosetta 2 & natively on ARM in Standalone or in hosts that support it): macOS 11 or later, 4 GB RAM (8GB recommended)
- Windows 7, Windows 8, or Windows 10 (latest Service Pack), Intel Core i5 or equivalent CPU, 4 GB RAM (8GB recommended)

Please note that Legacy Horn requires the full version of KONTAKT and is not compatible with the free KONTAKT Player.

For optimal usage, resulting in faster loading times and better performance, we recommend storing Legacy Horn on an SSD drive.

Specifications

• Total of 39,380 samples

• 21.9 GB of sample content

• All samples recorded at 48kHz / 24-bit resolution

• 27 unique playing techniques

• Features regular legato, runs and a brand new 'Performance Patch'

• 5 microphone positions available: Spot 1, Spot 2, Tree, Outriggers, Surround

Getting Started

Quick Start

The Legacy Horn interface provides an easy-to-use workflow with straightforward controls. When you open the main patch (Legacy Horn.nki), the interface will appear as follows:

PART 1

Getting Started

By default, the following settings are active:

- Articulation: Sustain

- Legato: Active

- Microphones:

    - Tree (-0,0dB)

- Reverb: Active (-12.0dB)

We have set up this mix as a well-balanced starting point, offering the full sound of the Tree microphone position and the lush sound of a high-quality Reverb. Feel free to further sculpt the sound using the various microphone positions, panning options and reverb presets, located in the 'Advanced' menu.

If your MIDI configuration is properly set up, you can start playing immediately. To change the selected articulation, simply click on the desired articulation at the bottom of the interface or use keyswitches. By going into the 'Advanced' menu, you will see each keyswitch right next to its corresponding articulation (e.g., C-2: Sustain, F-2: Staccatissimo).

Use the modwheel to crossfade between dynamics when playing with sustained articulations. For instance, the sustains range from very quiet (Pianissimo, 'PP') to very loud (Fortissimo, 'FFF').

By default, Regular Legato is triggered with velocity values between 1 & 99 and Runs Legato with values between 100 & 127.

When using short articulations such as Staccatissimo or Staccato, control the dynamics using velocity.

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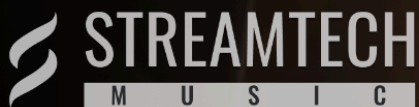
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PART 2

Streamtech Music Interface

In this guide, we will divide the interface in three parts so as to offer an extensive overview of how the Streamtech Music interface works:

Main Menu:

Advanced Menu:

Bottom Menu:

Streamtech Music Interface

Main Menu

The Main Menu provides following controls:

1) CC1 Modwheel: This control affects the dynamics of sustained articulations, allowing you to crossfade between dynamic layers.

2) Legato Switch: Sets if the legato is active or not. Please note that per default, 'Legato Switch' functions globally for all articulations.

3) The classic *'big knob'*: Displays the current articulation as well as the dynamics of the instrument in real-time.

4) Microphone Panning Knobs: Each knob controls the panning of the corresponding microphone position.

5) Microphone Level Faders: Each fader controls the levels (in dB) of the corresponding microphone position.

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Streamtech Music Interface

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6) Purge Buttons: In order to save RAM, purge buttons can be engaged to deactivate specific microphone positions.

7) Microphone Namings + Custom Output Routing: Clicking on the name of a microphone position enables custom output routing in Kontakt.

To catch the unique sound of Legacy Horn, we have handpicked a range of diverse microphone positions:

7.1) Spot 1: This microphone position features the close sound of two omnidirectional microphones recorded together and placed right in front of the bell. It offers the most direct signal, perfect for adding detail to the sound and accentuating transients for short articulations.

7.2) Spot 2: This microphone position features the sound of a pair of two cardioid microphones recorded together. They have been placed right in front of the player, offering a less direct sound compared to Spot 1 but definitely more mellow.

7.3) Tree: The Decca tree system, widely used in film production, balances direct sound and natural reverberation to create a cinematic audio experience.

7.4) Outriggers: With a pair of omnidirectional microphones, the Outriggers capture a broad and lush stereo image, enhancing the sense of space and depth.

7.5) Surround: Providing the most distant sound possible with Legacy Horn, the Surround microphones offer the perfect distant sound to any articulation, adding a sense of authenticity and fullness.

Streamtech Music Interface

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8) Legato Switch: Sets if the legato is active or not. Please note that per default, 'Legato Switch' functions globally for all articulations. For users who want an individual 'Legato Switch' in order to change the 'Legato Switch' for one articulation at a time, please activate the 'Individual Legato Switch' in the Advanced menu.

Useful tips

Tip #1: The 'Performance Patch' allows you to play intuitively without the need of any keyswitches:

The engine adapts in real-time to your playing style, seamlessly triggering staccatissimos, staccatos, sustains, legatos, runs and even marcatos! This system detects your playing speed and triggers each articulation accordingly. For further customization, we recommend going to the 'Advanced' menu, where specific controls for the Performance Patch can be set to your liking in the 'Legato' section.

Tip #2: Please note that our engine seamlessly bridges ongoing legato phrases between different articulations. This way, it ensures a smooth transition when changing articulations within a continuous melody.

Tip #3: Also, moving microphone level faders will display the exact volume in dB below the corresponding microphone fader. Likewise, moving the panning knobs will display precise panning values on the interface.

To clean out the interface and hide those values, simply click on a blank area anywhere on the interface.

Streamtech Music Interface

Advanced menu

The Advanced menu provides following controls:

1) Legato Button: Clicking on 'Legato' allows you to purge all legato transitions from memory / RAM.

2) Legato Control: Displays the velocity range for each legato technique. You can also set up your own custom legato delay offset, which is set to -190ms by default. Please note that this control does not affect the 'Runs' legato. With the 'Leg. Switch', you can assign a key that will function as a keyswitch to turn the legato on or off.

3) Options: Here you can further customise the library with additional options:
· **'Individual Legato Switch'**: If activated, the 'Legato' switch will work for one articulation at a time. If deactivated, like set by default, the 'Legato' switch will act globally, affecting all articulations at once.

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Streamtech Music Interface

· **'Niente'**: Allows to increase the dynamic range by making sustained articulations completely silent with the modwheel set at zero.

· **'Individual Tempo Sync'**: Allows to set the Tempo Sync functionality either globally (when the option is deactivated) or individually (when activated).

· **'Sustained Runs'**: Allows to trigger a sustained note after the 'Runs' transition has been played. By default, 'Runs' transitions will not be sustained so as to let the original played 'Run' fade out naturally.

4) Round Robin Control: These squares display which round robin (a feature that varies the samples to avoid repetition) is triggered. This control allows you to activate or deactivate specific round robins by clicking on the corresponding square.

5) Reset Round Robins: This button resets the round robin sequence, taking it back to the first round robin for all articulations. You can also assign a 'Reset Key' to reset the round robins.

6) Reverb: Controls a reverb effect. This control consists of a Reverb On & Off switch plus a Levels knob to add more or less reverb. Choose one of the presets to modify the size of the room.

7) Playable Range Control: Displays the playable range of the currently selected articulation. This control also allows for extending the playable range up to one octave up and down by dragging the highest note to the right and the lowest note to the left. Dragging the note in the opposite direction sets the playable note range back to the actual recorded range. Clicking on the < or > symbols extends the range incrementally.

8) Release Tails: This control adjusts the volume of release tails, which are the natural reverberation sounds following a note. At 100%, the natural reverb sound will play at the same level as during the recordings. If turned down to 0%, no release tails will be triggered, and the reverberation of short notes will be cut off to sound as dry as possible. The custom release tails offset can be used to shorten the duration of release tails, resulting in an even dryer sound.

Streamtech Music Interface

Bottom menu

The Bottom menu provides following controls:

1) Category button: Select which category of articulations you'd like to play with.

2) Articulation button: Clicking on an *Articulation Button* selects the articulation. .

3) Reverb control: Allows you to set more or less reverb by controlling the wheel.

Clicking on ' · Reverb ' will turn the reverb either On (light on) or Off (light off).

Streamtech Music Interface

Bottom menu

Going to the 'Advanced menu' reveals following additional controls:

4) Articulation Purge Button: Articulations can be purged individually to save RAM.

5) Keyswitch Control: Shows which note functions as a Keyswitch in order to trigger the corresponding articulation. You can set up your own keyswitch by holding down your mouse and moving the note of a keyswitch to a new one.

PART 3
Technical Details
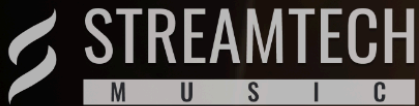
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Technical Details

Patch Description

Legacy Horn.nki : This is the main patch.

Legacy Horn - HQ mode (more CPU).nki : This patch uses the 'Perfect' version of Kontakt's re-sampling algorithms to provide even higher sound quality when interpolating samples. Please note that this patch uses significantly more CPU than the main patch (Legacy Horn.nki).

Technical Details

MIDI CCs Assignments

Here are the Continuous Controller (CC) assignments available for Iconic Violin. These MIDI CCs can be used to modify various aspects of sound and performance.

CC1 (Modulation): Controls the dynamics of sustained articulations, enabling seamless crossfades between dynamic layers.

CC11 (Expression): Controls the overall volume of Legacy Horn with a linear volume curve. Unlike CC1, it does not crossfade between dynamic layers.

CC116 (Release Tails): Corresponds to the 'Release Tails' knob on the Advanced menu of the interface. It adjusts the levels of natural release samples once a note is released.

Finally, Legacy Horn offers the flexibility to personalise MIDI CC assignments. Just right-click on the control and select 'Learn MIDI CC# Automation'. Move the desired control on your MIDI controller, and the new CC will be assigned to that control.

Although this feature offers a significant degree of customization, there are certain MIDI CCs used internally for specific functions of Iconic Violin. To ensure optimal performance, we advise against reassigning the following MIDI CCs:

CC3, CC89, CC90, CC91, CC99, CC100, CC101, CC102, CC103, CC104, CC105

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Additional Information
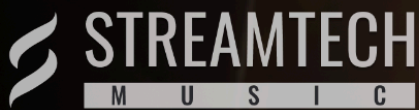
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PART 4

Additional Information

End-User Licence Agreement (EULA)

The End-User Licence Agreement (EULA) is an integral document that outlines the terms and conditions of using Legacy Horn. It establishes a comprehensive framework governing the product's use and limitations. The EULA details the scope of the licence granted to you, the user, defining the permissible environments and modes of usage, to ensure the fair use of the software.

Moreover, the EULA specifies restrictions to delineate the extent of usage, safeguarding the integrity of the software and preventing potential misuse or exploitation. Streamtech Music's intellectual property rights over Legacy Horn are reasserted in this document, protecting the assets, design elements, and unique features of the software. These elements remain the property of Streamtech Music even after purchase.

The EULA also includes important clauses on the use of third-party software and limitations of liability, drawing clear boundaries for responsibility and accountability related to our product.

This summary provides a broad overview. However, for a comprehensive understanding, we recommend acquainting yourself with the full and current version of the EULA included in section 3 of our Terms of Service available at:

https://www.streamtechmusic.com/terms-of-service

Contact Information

For further information, questions, or feedback, please feel free to reach out to us at:
www.streamtechmusic.com/contact

PART 4

Additional Information

Special Thanks

Thank you for choosing Legacy Horn as part of your creative journey. Our aim is to make writing music a joyful experience, thanks to the incredibly inspiring instruments we record.

We would like to express our *special thanks* to everyone involved in the creation of this library. This was a work of passion, and it wouldn't have been the same without your feedback and creative ideas! Although words cannot fully express our gratitude, we are deeply honoured to have worked again with horn maestro Rafael Oliveros, whose sound is truly unmatched.

And last but definitely not least, this project would never have come to life without you, our invaluable customers. Your constant support and belief in our musical endeavours are what drive us to continually innovate and strive for excellence.

Thank you once again and now… let's write some music!

Your team at Streamtech Music

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