

# Archtop: Hollowbody Electric Guitar

An Impact Soundworks Sample Library

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## Overview

**Archtop: Hollowbody Electric Guitar** is our next-generation virtual instrument sampling a customized Sadowsky Jim Hall model with dual pickups. This library is ideal for many genres, from jazz, funk, and R&B, to ambient, rock, pop, and beyond. With lots of realism and detail, you can write or perform virtually any rhythm or lead part you can imagine!

The gorgeous warm tone of **Archtop** can be processed with internal or external amps, cabs, and FX, or left totally clean; with tons of subtle detail and two pickups, it excels at clean playing. By blending from NECK to BRIDGE pickups you can change the tone from smooth and clear to more biting and nasal, or whatever combination suits your tastes.

**Archtop** includes a handy Combinator setup for processing in addition to a selection of essential techniques like sustains, palm mutes, tremolo, harmonics, octaves, and chokes.

## Sound Content

The library contains two Combinator patches that span all important playing styles (sustains, palm mutes, thumb octaves, tremolo, vibrato, etc). For greater tweakability and customization, 13 NN-XT patches are also included which break the articulations down into individual patches like mutes, harmonics, releases, sustains, etc. However, we generally recommend using the Combinator patches for maximum playability.

Please note that this library focuses on **depth** of sampling as opposed to hundreds of patches with relatively few samples. We meticulously recorded thousands of samples for these instruments with multiple velocity (dynamic) layers, round robin (RR) variations, articulations, and other techniques.

## User Interface (UI)

**All patches** share some common features in the Combinator UI.

- \* Mid-Scoop: Controls the frequency of a handy, gentle EQ scoop.
- \* EQ-Boost: Hypes the high end of the instrument.
- \* Reverb: Mixes reverb into the signal.
- \* Fuzz Box: Toggles a fuzz saturation effect.
- \* Echo: Mixes delay into the signal.
- \* Guitar Amp: Toggles a Line6 amplifier effect.
- \* Saturator: Toggles a warming saturation effect.
- \* Neck-Bridge: Mixes between the sampled NECK and BRIDGE pickups. This can **dramatically** change the tone of the instrument!

The **Modwheel** generally adds vibrato.

# Mapping Layout

## Archtop KSW

Single note articulations are mapped here from E1 to C#5. Low velocities trigger palm mutes, while the higher velocities trigger sustains. C1, C#1, and D1 trigger choked strums at three locations on the neck - useful for rhythmic fills. Releases are triggered on any note by default.

By holding certain notes ("keyswitches") you can switch to different articulations.

**C-1:** Harmonics

**C#-1:** Thumbed octave sustains

**D-1:** Natural vibrato

**D#-1:** Tremolo

## Archtop

Identical to the KSW patch above, but without the keyswitch functionality.

*\*\* The NN-XT patches represent individual components of the Combinator patches. For example, you could load only the Chokes or only the Harmonics and create your own structure. It is usually worthwhile to simply use the Combinators but should you want to load just a single articulation, this is the place to look. \*\**

## Credits

Designed, programmed and edited by Andrew Aversa. Performed and recorded by Josh Workman.

Reason conversion by Anthony Mena.

## Troubleshooting and Feedback

Have you used this library in a project recently or have a demo or song that you'd like to share? You can email us ([admin@impactsoundworks.com](mailto:admin@impactsoundworks.com)) or tell the world at our Facebook page here: <http://www.facebook.com/ImpactSoundworks>

You can also catch us on Twitter at [@ISoundworks!](https://twitter.com/ISoundworks)

We encourage all our users to share and promote their work. Word of mouth is the #1 way people find our samples, so it also helps us to produce more great libraries for you! For any technical support issues regarding the library, don't hesitate to email [support@impactsoundworks.com](mailto:support@impactsoundworks.com).

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