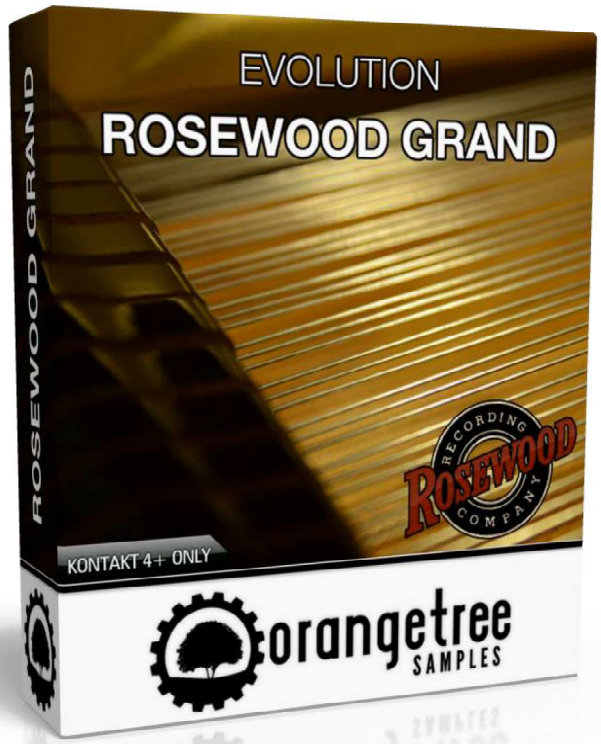
Evolution Rosewood Grand



User's Guide

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Preface

Thank you for purchasing the **Evolution Rosewood Grand** sample library! This acoustic grand piano library features over 7 gigabytes (compressed to 4 GB using the lossless NCW audio format) of 24-bit samples, powered by KONTAKT's extensive scripting engine.

We developed this library in collaboration with **Rosewood Recording Company**, one of Utah's most venerable recording institutions. **Rosewood Recording Company** is also the home of a pristine Yamaha C7 grand piano, the subject of this sample library. The project was exciting to collaborate on because we've both noticed many deficiencies in tone and playability of existing piano sample libraries. It was crucial to capture the proper response of a real piano, including elements such as sympathetic resonance, hammer release noises, and various pedaling nuances.





Guy Randle, the owner and lead engineer at **Rosewood Recording Company**, has spent years developing and refining the piano tone, carefully selecting mics and fine-tuning mic positions to highlight the rich, organic body of the piano. In his words, *"These samples were recorded with an array of microphones (ribbons and condensers), through high end preamps (tube and discrete) and then finally processed with a tasteful selection of both hardware and software compression and EQ in order to make this instrument sit well in the mix, either behind a vocal, in an ensemble, or stepping out to take the lead role."*

"I've had this piano in the studio for over ten years now, so I've had quite a while to get to know it. I spent about a year looking for just the right instrument to replace my previous nine foot grand. I chased down every interesting piano ad I came across and brought mics and a recorder to check out the most likely candidates. Then I would take the tape back to the studio and see how it sounded through monitors. I finally found this C7 that had that certain sonic something

and brought it home to Rosewood. Over the last number of years I've developed a method of recording it that emphasizes the richness, sustain and harmonics of this great instrument."

We've spent a lot of time making **Evolution Rosewood Grand** incredibly detailed and realistic by combining masterful recording techniques with cutting-edge technology. All of us at Orange Tree Samples and Rosewood Recording Company hope you enjoy **Evolution Rosewood Grand**!



Installation

Extracting the RAR File

The first thing you need to do when installing Evolution Rosewood Grand is to extract the RAR files that you downloaded, which can be done using 7-Zip (Windows), or UnRarX (Mac). The main thing you need to bear in mind when extracting the RAR files is that all the files need to ultimately extract into the same "Evolution Rosewood Grand" folder.

Begin with extracting the "EvolutionRosewoodGrand-Engine.rar" file, which includes all the core files necessary to play Evolution Rosewood Grand, including the main patch to load in KONTAKT, documentation, and the preset files.

Next, extract the "EvolutionRosewoodGrand-Samples.part1.rar" file. You only need to extract this first part and none of the other parts, because the RAR extraction software will automatically draw the files from these other RARs in the process. In the event that the files get extracted into a different folder (with an alternate name, with a "1" at the end, for instance), just move the "Samples" subfolder back into the main "Evolution Rosewood Grand" folder.

After extracting the RAR files by following the above instructions, your installation is now complete!

Loading in KONTAKT

After launching KONTAKT in standalone or as a plugin in your DAW, click the "Files" dropdown at the top of KONTAKT's interface, and click "Load...". Navigate to the "Evolution Rosewood Grand" folder that was created during the extraction of the library, and open the "Evolution Rosewood Grand.nki" file.

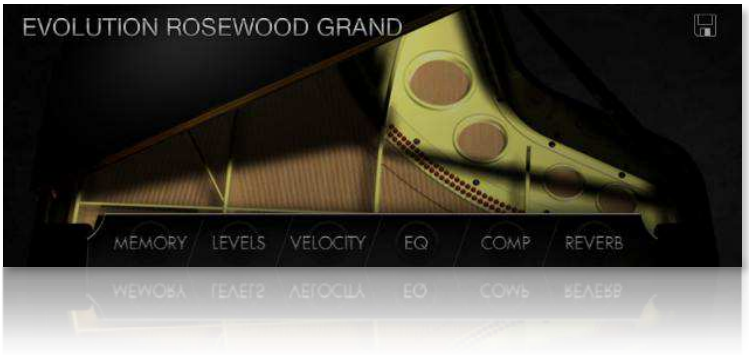
TIP: If the patch doesn't load, displaying an error, please ensure that you have the very latest version of KONTAKT. Updating KONTAKT is a quick and easy process using the Native Instruments Service Center.

KONTAKT Sample Library Organization

As your collection of KONTAKT libraries expands, it's important to keep them organized. For example, keep them all within a main "KONTAKT Sample Libraries" folder rather than scattered around your hard drive. Backing up the installation files for your sample libraries is also a good idea.

The next step in organizing your sample libraries is in KONTAKT itself. One of the benefits of storing your sample libraries all in the same place is that it makes finding them faster when manually loading them. For KONTAKT Player instruments, there's the library tab, which is also a useful shortcut to access instruments, but unfortunately is limited to only the libraries that license the KONTAKT Player. One of the best library organization methods that KONTAKT includes is the Quick Load menu. This allows you to sort shortcuts to your libraries in any folder/subfolder format you wish, and can be quickly accessed with a single right-click in any empty area of the multi-rack (the large portion of KONTAKT's interface that displays the loaded instruments).

Interface



Main Controls

The controls in Evolution Rosewood Grand have been organized into different sections, which can be navigated through by using the main menu items at the bottom of the interface. The controls in each section offer settings to configure the way Evolution Rosewood Grand sounds and performs, from memory preferences, dynamics curve settings, and a built-in effects system.

Preset Saving

The preset button, which is displayed as a disk icon, allows you to load and save external NKA preset files. That way you can easily store your favorite tones, or share your preset files. Using external presets rather than entire Kontakt NKI presets ensures that your presets are compatible with future versions of Evolution Rosewood Grand, as well as allowing you to switch presets without having to reload the entire sample library.

Control Locking

If you want to load a preset, but prevent specific controls or even entire sections from getting changed, you can hold the ALT key while clicking on a control or section to lock those settings. That way you can preserve certain settings that you wish to remain unaltered. To remove the lock, simply click the control again.

Interface: Memory



Voice Meter

This graphic monitors the total number of voices being played. This allows you to preview the number of voices for reference when using the polyphony limit control.

Polyphony Limit

Unlike traditional polyphony limits, Evolution Rosewood Grand incorporates a soft polyphony limit rather than strictly eliminating voices past a certain amount. When the total voices exceed the soft polyphony limit, the script gradually incorporates simpler models of the script in order to reduce the CPU load. It also intelligently fades out voices that are very quiet or have almost completely decayed in order to reduce the voice count.

Sample Mode

Although Evolution Rosewood Grand has 12 velocity layers and 2x round-robin, this option allows you to select less detailed specifications in order to reduce the library's memory usage. Using these reduced options will make the library load faster as well.

Resonance

Enables or disables the sympathetic resonance engine. Using the sympathetic resonance system increases the richness of Evolution Rosewood Grand's tone, but adds to the voice count and CPU usage.

Damper Impulse

Sets the quality of the damper impulse, which affects the amount of CPU. This option also allows you to disable the damper impulse completely.

Interface: Levels



Pedal Noise

This controls the volume of the damper pedal being pressed and released.

Hammer Rel.

Even if the sustain pedal is pressed, the hammers still make a noise when you release the keys, and the hammers return to their resting position. This control allows you to adjust the overall volume of these hammer release noises.

Releases

Sets the volume of the release samples. The volumes of the release samples are set to their natural volume to match the volume of the sustains, but if you want to increase or decrease the release volumes for any reason, this knob gives you control over that aspect.

Damper Amb.

Controls the amount of ambience created by string resonation when the damper pedal is pressed. Bear in mind that while it adds realism, too much damper ambience can cause muddiness in the piano tone.

Noise Floor

The samples in Evolution Rosewood Grand are carefully denoised to separate the noise floor from the samples in order to reduce noise build-up when playing many notes. Afterwards, a single noise floor sample is played while Evolution Rosewood Grand is actively playing (the noise floor turns off after a few seconds of inactivity) in order to reintroduce a realistic noise floor into the signal. This control sets the volume of this added noise floor.

Interface: Velocity



Curve

Allows you to customize the dynamics response to adjust for your keyboard's action and your own playing preferences. In the vertical and horizontal handles in this graph control, you can adjust the boost/attenuation of the dynamic curve as well as the width of the curve.

Low Limit

Limits the lowest velocity possible to a certain amount.

High Limit

Limits the highest velocity possible to a certain amount.

Humanization

Randomly fluctuates the velocity of notes to create more variation--this is especially useful if you sequence piano tracks note-by-note and need to add humanization to the MIDI data.

Interface: EQ



Timbre Shift

Shifts the samples in order to change the tone of the piano, making it dramatically darker or brighter sounding.

Low Band

Controls the frequency, gain, and bandwidth (Q) of the low frequency band.

Mid Band

Controls the frequency, gain, and bandwidth (Q) of the middle frequency band.

High Band

Controls the frequency, gain, and bandwidth (Q) of the high frequency band.

Vintage Mode

With vintage mode enabled, the curve of the EQ boosts and attenuation is modeled to replicate vintage hardware.

Interface: Compressor



Ratio

Sets the ratio of the compressor. At 1:1, the compressor is disabled. The higher the compressor's ratio, the more audio above the compressor's threshold volume is reduced in volume.

Threshold

Sets the compressor threshold. When the audio signal is louder than this threshold, the compressor's ratio will apply to reduce the volume of the signal.

Attack

Sets the compressor attack time. This is the amount of time it takes for the compressor to take effect.

Gain

Sets the gain for the compressor in order to increase or decrease the volume of the piano to compensate for the compressor's settings.

Vintage Mode

Emulates the compression curve found on analog hardware by gradually reducing the compression ratio above the threshold for a softer compression knee.

Interface: Reverb



Amount

Controls the volume of the reverb signal.

Length

Sets the length of the reverb.

Pre-Delay

Sets the amount of delay before the reverb effect initiates.

Damping

Sets the amount of reverb damping.

Vintage Mode

Uses a darker reverb coloration for a warmer, more organic reverb sound.

Credits

Production, scripting, graphics:
Greg Schlaepfer

Engineering, mixing, co-production:

Guy Randle (Rosewood Recording Company)

Beta testing:
Alejandro Tiscornia, James Michael Wolk, Jani Kaataja, Perry D'Armond, Geert Bevin, Blake Robinson, Frederic Moueza, Bob Bergen, Bill Thompson, David Reinstein, Richard Penrose, Jonathan Timpe, Patrick Fitzsimons, Andrew Silagy, Charlotte Partt, Joshua Cohen

Special thanks to:
Oriana Schlaepfer, Peter DeLegge

Contact

We'd love to hear from you! If you have any questions, comments, or suggestions for the improvement of our products, please don't hesitate to contact us. For the latest updates on what's going on at Orange Tree Samples, you can subscribe to our newsletter from the Orange Tree Samples website, and visit us on Facebook.

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