

THEREMIN+



The Soundiron **THEREMIN+** is an advanced library based on the classic sound and feel of the legendary Theremin, but with a huge twist and a wealth of additional sound-designed pads, leads, ambiences and atmospheres. Our Theremin+ behaves as close to a Theremin as you can get on a keyboard, smoothly gliding between monophonic notes with variable speed. The Glide knob allows you to adjust the speed of the glide between notes and when set to 0, turns this otherwise monophonic instrument into a full polyphonic sound creator! The Theremin+ includes a number of real Theremin samples, generated tones, and a plethora of carefully crafted sounds, designed from a wide array of sources.

The Theremin+ is packed with features not typically found on a Theremin. The waveform selector lets you choose from Sine, Absolute Sine, Triangle, Saw-tooth, or Square. The Add. knob sets the number of simultaneous micro-tuned voices from 1-4. The Sublayer adds a whole new dimension, giving you the power to mix in any one of the dozens of included pads, leads, drones, and ambiences complete with separate volume and pitch controls.

Our custom scripted Kontakt user interface comes equipped with flexible control features, like volume swell, glide, pitch, vibrato, attack, release, and an additional Sublayer selection menu with separate volume and pitch controls, giving you tons of sonic possibilities. There's also a complete DSP effects rack, including reverb with over a hundred life-like spaces, such as cathedrals, churches, halls, bunkers, garages, tunnels, chambers, rooms and creative FX convolution impulse responses.

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Version
1.0

- 5 powerful open-format Kontakt .nki instrument presets
- 106 Samples
- 975 MB Installed
- 24-bit, 48 kHz Stereo and 96 kHz Mono PCM Wav Format
- Flexible and intuitive user interface controls
- Configurable FX Rack with custom signal routing

Note: The full version of **Kontakt 5.5.2** or later is required for all instrument presets in this library. The free Kontakt “Player” and Libraries rack do not support this library. Windows 7 (or later) or OSX 10.8 (or later) is required.

CREDITS

Sound Design
Gregg Stephens and Mike Peaslee

Instrument Programming
Gregg Stephens, Chris Marshall, and Mike Peaslee

Editing
Gregg Stephens and Mike Peaslee

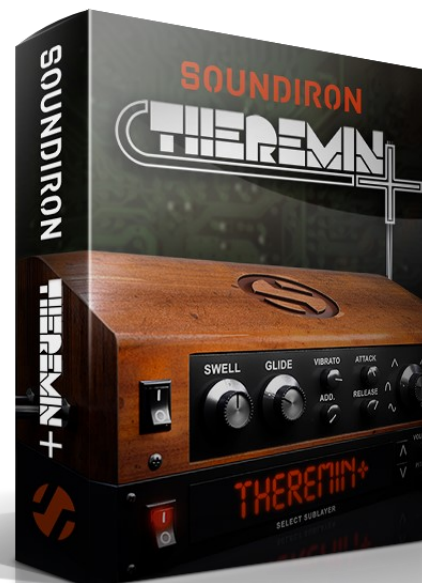
Artwork
Chris Marshall, Gregg Stephens

Scripting and Systems Design
Chris Marshall

Documentation
Gregg Stephens

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System Requirements

All of the sample content is included as standard open PCM wav files to allow you easy access to manipulate, reprogram and customize the sounds however you wish.

If you wish to use the optional Kontakt “nki” instrument presets, you’ll need to own the full retail version of Native Instruments Kontakt 5.5.2 or later. Please be aware that the free Kontakt “Player” is not a full retail version of Kontakt and does not support this library. Please read all instrument specs and software requirements before purchasing this or any other Soundiron products to see the full list of software requirements, features and format compatibility for each library. **You must have at least Windows version 7 or later, or Apple OSX 10.8 or later.**

Many instrument presets in this library are extremely system resource intensive. We highly recommend that you have a 64-bit operating system (Windows or OSX) with *at least* 3GB of system ram, a multi-core cpu and a 7200 rpm SATA or SSD hard disk before purchasing this particular Soundiron library. Large sample sets like those found in this library may load slowly and may cause system instability on some machines.

Kontakt Preset Loading

Once installation is complete, you can browse and load the included .nki presets using the Files, **Quick Load** or Database tabs in the Kontakt Browser, or through the main File load/save menu. Launch Kontakt as a virtual instrument plugin inside your host sequencer or in stand-alone mode.

Please allow any current preset to finish loading completely before loading a new one. You can’t use the Libraries view to load standard open-format Kontakt Instruments like this library. Only locked “Powered-By-Kontakt” Libraries are visible to that propriety browser view.

The “Add-Library” function does not support this product or any other open-format Kontakt library. This library doesn’t require any additional activation or unlocking process.

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KONTAKT INTERFACE

Each preset features a variety of controls with a fully interactive visual user interface. To assign any interactive control knob, button or the Sublayer Selection Menu to a midi CC, you can right-click the control (command-click on OSX) and select the “Learn MIDI CC# Automation” button that appears. Then move your desired midi hardware control to link it. To assign the control to a host automation ID, use the “Auto” automation routing window in the left side Kontakt browser area to drag-drop an automation routing number onto the control you wish to lock it to.



Swell

This knob controls the volume of the selected waveform, allowing you to smoothly adjust volume in real-time.

Glide

This sets the speed of the glide between notes when performing a legato transition. At 0, there is no glide and the instrument is polyphonic. The instruments is monophonic at settings above 0.

Attack

This controls the attack time, allowing you to soften or fade in at the start of the note.

Release

This controls the release fade-out time. Low settings shorten the sound. High settings let notes ring out.

Vibrato

This knob controls the amount of vibrato.

Add.

This knob sets the number of additional micro-tuned voices from 1 to 4.

Waveform

The Waveform knob allows you to select from 5 different basic waves: Sine, Absolute Sine, Triangle, Sawtooth and Square. You can also set the waveform to OFF.

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KONTAKT INTERFACE (continued)

Each preset features a variety of controls with a fully interactive visual user interface. To assign any interactive control knob, button or the Sublayer Selection Menu to a midi CC, you can right-click the control (command-click on OSX) and select the “Learn MIDI CC# Automation” button that appears. Then move your desired midi hardware control to link it. To assign the control to a host automation ID, use the “Auto” automation routing window in the left side Kontakt browser area to drag-drop an automation routing number onto the control you wish to lock it to.



Sublayer Selection Power Button

This button turns the sublayer on and off.

Sublayer Selection Drop-Down Menu

This menu lets you select from the additional sublayer sounds included in each preset.

Sublayer Previous/Next Buttons

These buttons allow you to quickly and easily cycle up or down through the Sublayer menu.

Sublayer Volume

This knob controls the volume of the sublayer.

Sublayer Pitch

This knob controls the pitch of the sublayer. The pitch can be adjusted +/- 24 semitones.

Performance & FX Rack Tabs

Click the FX Rack tab at the bottom of the screen to open the full DSP FX rack, with reverb, delay, phaser, flanger, amp and cab simulation, distortion and more. See [page 13](#) for details. Clicking the **Performance** tab takes you back to this main page.

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INSTRUMENT PRESETS FOR KONTAKT

All Presets in the Theremin+ contain the five basic waveforms Sine, Absolute Sine, Triangle, Saw-tooth, and Square. The Theremin+ presets have the pitch wheel set to +/- 24 semitones, as an optional performance style. The Mod. wheel (CCI) is soft-assigned to the Swell knob and the Expression pedal (CCI) is soft-assigned to the Vibrato knob. These assignments can be removed or modified.

THEREMIN+ Classic.nki

The Classic preset Sublayer includes a number of additional basic waveforms such as combined triangle/saw, triangle/saw/square, ramp, high and low sine as well as a number of other synthy sounds.

THEREMIN+ FX - Acoustic.nki

The FX Acoustic preset Sublayer includes a number of carefully designed sounds based on acoustic instruments and other natural, tonal sounds.

THEREMIN+ FX - Atmospheric.nki

The FX Atmospheric preset Sublayer includes a number of carefully designed ambient and atmospheric sounds, great for pads and atmospheres.

THEREMIN+ FX - Buzzer.nki

The FX Atmospheric preset Sublayer includes a number of carefully designed buzzy effects, great for synthy leads.

THEREMIN+ FX - Tonal.nki

The FX Atmospheric preset Sublayer includes a number of carefully designed tonal and ambient sound, great for pads and atmospheres.



DSP EFFECTS RACK

The FX Rack tab gives you direct access to most of Kontakt's built-in effects. This panel is accessible in all presets by clicking on the FX Rack tab at the bottom of the instrument UI. Signal flows from left to right in each row and goes down from there. To change the effect loaded into any specific rack module, click on the down arrow menu in its top left corner.



EQ

Power Button - Toggles the effect on and off.

Low, Mid and Hi Frequency Gain - Use these sliders to adjust the level of the low, mid and high EQ bands.

Low, Mid and Hi Frequency - These knobs control the center frequency of the low, mid and high frequency EQ bands.



CHORUS

Power Button - Toggles the effect on and off.

Sync - This button synchronizes the rate to your BPM.

Rate - This controls modulation rate. In synch mode, it changes the time signature by common note divisions.

Phase - This knob controls the phase.



Depth - This knob controls the depth of the chorus sweep.

Mix - This adjusts the wet/dry output mix.

TAPE SATURATOR

Power Button - Toggles the effect on and off.

Gain - This knob controls the amount of gain added.

Warm - This knob allows you to add tonal warmth

Rolloff - This knob controls the high frequency attenuation.



Volume - This knob controls the overall output level.

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DSP EFFECTS RACK (continued...)

JUMP

Power Button - Toggles the effect on and off.

Boost - This boosts the incoming signal strength.

Drive - This knob controls the amount of gain added.

Tone - This shapes tone brightness.



Low, Mid & High - These knobs control the low, mid and high frequency gain

Volume - This sets the overall output volume.

DISTORTION

Power Button - Toggles the effect on and off.

Drive - This knob controls the amount of gain added.

Damping - This shapes tone brightness.

Volume - This sets the overall output volume.



DELAY

Power Button - Toggles the effect on and off.

Synch - This button synchronizes the rate to your BPM.

Rate - This controls the echo rate. In synch mode, it changes time signature by note divisions.

Damping - This knob controls high frequency roll-off



Pan - This knob controls the left-right ping pong effect.

Feedback - This knob controls delay loop feedback

Mix - This adjusts the wet/dry output mix.

REVERB

Power Button - Toggles the effect on and off.

Type menu - This menu selects the environment category.

Impulse Menu - This menu selects the impulse response.

Size - This knob controls the reflection decay time.



Lopass - This knob controls high frequency roll-off.

Hipass - This knob controls low frequency cut-off

Mix - This adjusts the wet/dry output mix.

AMP

Power Button - Toggles the effect on and off.

Drive - This knob controls the amount of gain added.

Bass, Mid & Treble - These knobs control the low, mid and high frequency gain

Volume - This sets the overall output volume.



DSP EFFECTS RACK (continued...)

TRANSIENT MASTER

Power Button - Toggles the effect on and off.

Attack - This knob controls the amount of signal boost or cut for the note attack transient.

Sustain - This knob controls the sustain volume following a transient, shaping the fullness of the sound.



Gain - This knob controls the amount of gain added to the output signal.

CABINET

Power Button - Toggles the effect on and off.

Size - Use this knob to adjust the simulated size of the speaker cabinet.

Air - Use this knob to adjust the simulated distance between the speaker and the microphone.



Treble & Bass - Use these knobs to adjust the level of the low and high EQ bands.

Output - This sets the overall output volume.

FILTER

Power Button - Toggles the effect on and off.

Type - This menu lets you select from dozens of low pass, high pass, band pass, notch, ladder and other filter types.

Cutoff/Talk - This controls the filter cutoff and/or peak frequency.



Resonance/Sharpness - This controls the amount of resonance added at the cutoff or peak node.

Gain/Size - This controls signal pass-through level.

FLANGER

Power Button - Toggles the effect on and off.

Synch - This button synchronizes the rate to your BPM.

Rate - Controls mod rate, in milliseconds or note divisions.

Feedback - This adjusts the amount of feedback.



Phase - This knob controls the phase.

Depth - This knob controls the depth of the sweep.

COMPRESSOR

Power Button - Toggles the effect on and off.

Threshold - This adjusts the signal threshold needed before compression is applied.

Ratio - This controls the ratio of gain added or removed based on the incoming signal level above the threshold.

Attack - This controls the compressor attack speed once signal exceeds the threshold



Release - This knob controls the release speed once signal drops below the threshold.

Makeup - This adjusts the wet/dry output mix.

DSP EFFECTS RACK (continued...)

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Power Button - Toggles the effect on and off.

Bits - This sets the amount of bit depth reduction.

Sample Rate - This sets the sample rate reduction.

Noise - This knob adds noise to the signal.



Noise - This knob adjusts tone brightness and apparent fidelity.

Output - This sets the overall output volume.

PHASER

Power Button - Toggles the effect on and off.

Synch - This button synchronizes the rate to your BPM.

Rate - Controls mod rate, in milliseconds or note divisions.

Feedback - This adjusts the amount of feedback.



Phase - This knob controls the phase.

Depth - This knob controls the depth of the sweep.

ROTATOR

Power Button - Toggles the effect on and off.

Speed - This button toggles between fast & slow speaker cabinet rotation speeds.

Size - Use this knob to adjust the simulated size of the speaker cabinet.



Air - Use this knob to adjust the simulated distance between the speaker and the microphone.

Output - This sets the overall output volume.

SKREAMER

Power Button - Toggles the effect on and off.

Drive - This knob controls the amount of gain added.

Tone - This sets the overall signal tone.

Bass & Bright - These control low & high frequency gain



Clean - This sets the amount of clean signal pass-through.

Output - This sets the overall output volume.

STEREO MODEL

Power Button - Toggles the effect on and off.

Synch - This button synchronizes the rate to your BPM.

Rate - This controls modulation rate. In synch mode, it changes the time signature by common note divisions.

Phase - This knob controls the phase.



Depth - This knob controls the depth of the chorus sweep.

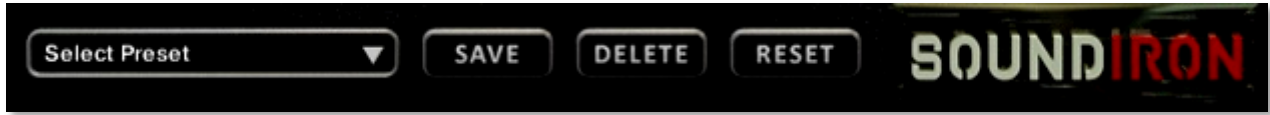
Mix - This adjusts the wet/dry output mix.

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SAVING & LOADING PRESETS



Select Preset - This menu lets you select from any of the factory presets or any presets you've created.

Save - Once you've customized your FX chain, you can save it for later use in this rack by pressing the Save button.

Delete - Use this button to delete the currently selected custom preset. Factory presets can't be deleted.

Reset - This unloads all effects and resets the entire FX rack to its default state.

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THANK YOU!

Soundiron is a virtual instrument and sound library developer founded in 2011. The studio is based in the San Francisco Bay area, owned and operated by a dedicated team of sound artists and programmers. We are driven every day to capture all of the sonic flavors this world has to offer and bring them to you as truly playable and inspiring musical tools. Each library is crafted to deliver profound realism, complete flexibility, exquisite detail and unrivaled acoustic quality. If you enjoy this creation, we hope you'll check out some of our other awesome sound libraries. If you have any questions or need anything at all, just let us know. We're always happy to hear from you at support@soundiron.com!

Thanks from the whole Soundiron team!



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WWW.SOUNDIRON.COM

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