# SOUNDIRON



# Welcome to Questionably Barbershop

**Questionably Barbershop** is a simple 4-piece male vocal ensemble, crafted in the style of an old timey Barbershop Quartet. Featuring the humble vocal talents of our own Mike Peaslee, Gregg Stephens and Spencer Nunamaker, this library offers basic chromatic sustains and staccato articulations, improvised scat and bebop phrases and even a bonus Americana folk song construction kit broken down line-by-line with each vocal part directly accessible in several different root keys. From a deep booming bass to a soaring high tenor falsetto, Questionably Barbershop gives you easy 4-part harmony in a box.

Each one of our singers (Mike: Tenor Lead, Gregg: Baritone, Spencer: Bass and 'Mikey': Tenor Falsetto) performed 3 types of sustains and staccatos: Doo, Lah and Woh. Using our custom GUI controls, these 3 different sounds can also act as pure Oo, Ah and Oh vowel sounds, with adjustable durations and attack shaping. Our advanced scripting gives you automatic 4-part harmony voicing in the Ensemble Sustains and Staccatos presets, ensuring that you always hear the Lead first, the Bass in his appropriate range and the Tenor for those piercing high notes! And for a big male chorus sound, you can select the "Unison" mode for all four voices over the whole key range. We even give you Auto-pan feature to intelligently spread the singers over the stereo field for a nice wide sound.

The Scat 'N Bebop phrase section includes 356 improvised phrases, with real-time tempo-synching and time -stretching. Phrases are included in the root keys of C, E, and G# with easy transposition to other keys. You'll also find our DSP Rack panel, with multi-effects, compression, EQ, amp/speaker simulation and convolution reverb, with dozens of our favorite rooms, halls, chambers, cathedrals and FX impulses.



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# SOUNDIRON **QUESTIONABLY BARBERSHOP**



# **4-PIECE MALE VOCAL ENSEMBLE**

24 powerful open-format Kontakt .nki instrument presets 2,252 Samples 775 MB Installed Live Phrases 3 Sustain types for each Voice 3 Staccato types for each Voice A Classic American Folk Song in 4-Part Harmony Improvised Scat 'N Bebop Phrases Rack Multi-FX, including convolution reverb with dozens of Room, Hall and Special Effect Acoustic Environments

#### **Please Note:**

The full version of Kontakt 5.1 or later is required for all Kontakt presets. The free Kontakt "Player" and Libraries rack do not support this library. Windows 7 or later required for PC. OSX 10.9 or later required for Mac.

# CREDITS

Performed By Mike Peaslee, Gregg Stephens and Spencer Nunamaker

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Systems Design & Scripting Gregg Stephens, Chris Marshall

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UI Design and Artwork

**Gregg Stephens** 

Documentation

**Gregg Stephens** 



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# Format

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. We know that it's important for many users to be able to go beyond the limitations of any one format, so we've kept this library's directories and files open for our advanced users. As a professional, you may have your own workflow or format requirements, and we trust that you'll respect our hard work and won't share this content with anyone who hasn't paid for it.

You'll need the full retail version of Native Instruments Kontakt 5.5.2 or later to use the nki presets in this library. The free Kontakt "Player" and any other version of Kontakt that came bundled with another library or software product (other than NI's full "Komplete" package) don't support this library. The free Kontakt Player is NOT a full version of Kontakt and <u>cannot</u> load or play standard open-format Kontakt instruments, wav samples or libraries. 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.

# Fidelity

This library was recorded in at 48kHz / 24bit, in a dry studio environment, but sonic impurities from clothing, body movement and natural mouth and throat sounds may be present in the samples and the softer dynamic layers are naturally quiet, resulting in the presence of lo levels of signal noise. Our goal is to preserve and accentuate the natural live qualities in our instruments without overly modifying and sterilizing the recordings.

# **System Requirements**

Please be aware that many instrument and multiinstrument programs in this library are extremely ram/ cpu and hard disk-streaming resource intensive. We highly recommend that you have a 64-bit operating system (Windows 7 or later required for PC. OSX 10.9 or later required for Mac) 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.

# Download

We provide the Continuata Connect download manager to offer high-speed, reliable and fully automated library downloading and installation. Download and run the latest version for your OS (PC or Mac) before proceeding. You may also need to add special permissions to your security software for the downloader, if it blocks applications from accessing the web. Next, copy-paste your download code from your download email into the Code box in the downloader window. Press the download button and select the location you'd like to download and install the library. It will automatically start downloading the file(s) and then error-check, extract and install the finished library. Once installation is <u>fully</u> complete, you can remove the .rar download files and store them in a safe place as a back-up copy. We always recommend downloading the latest version of our downloader before you begin. The link in your email will always take you to the latest version.

Don't move, rename, delete or modify <u>any</u> of the files or folders created during the download until after you see the status message for all files in your download queue display the word "**INSTALLED**". Please don't close the downloader while it's actively downloading, unless you press the pause button first. To resume downloading, press the Resume button. If you need to resume downloading after closing the downloader, run it again and enter your code and press Download again. Then select the same download/installation location on your computer that you chose originally.

If the downloader reports a DL Error or Install error, it will automatically try to download the file again until it successfully downloads and verifies all the data it needs. It's best to allow it to finish the process before trying to move or access the library data. Please see your download email for more detailed instructions.

If you have any trouble with our Downloader utility or prefer to use your browser or another download manager, log into your personal manual download page on our website, by using the direct link in your download email. Log in using your download code. Or, if you used the downloader originally, but you need to re-install the library manually for any reason at a later time you can always re-use the original rar files. To do that, you'll need Winrar, UnrarX or another full-featured Rar extraction utility to extract and install the library. Please note that Stuffit Expander and Winzip DON'T support many types of common rar files.

# **Preset Loading**

Once installation is complete, you can browse and load the included .nki presets using the Files, Quickload or Database tabs in the Kontakt Browser, or through the main File load/save menu. Please allow any current preset to finish loading completely before loading a new one. You can't use the Libraries view to load standard openformat 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 special activation.

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# BarberShop Ensemble Song "Working On The Railroad"

The Ensemble Songs preset contains the classic American folk song "I've Been Working On The Railroad", cut into easy to sequence segments. They are organized by song and key and feature tempo-synching / time-stretch control, pitch transposition and attack/release shaping. To view the playable key range of the currently loaded set of phrases, click Kontakt's keyboard display button at the top of the main Kontakt program window. The playable range is colored Blue on the keyboard. Key-switches are colored red. Natural performance breaths are colored Yellow. To enable time-stretching or tempo-synching, enable the Time Mode button. \*Note: Tempo-synching and time-stretching aren't possible in the "Lite" low-memory presets.



#### **Key Select**

Use the Song drop-down menu to select the active Key set of live performance phrases.

#### Swell - (CC72)

This knob controls the volume swell of the instrument.

#### Attack - (CC 74)

This controls the sharpness of attack.

#### Offset - (CC78)

This controls the amount of sample start offset allowing you to skip ahead into the samples. Use this to tighten articulation attacks or play only a portion of a phrase.

#### Release - (CC76)

This controls the release time of the main note samples. Lower settings cause the sound to be damped and cut off on note release, while higher settings allow notes to ring out longer.

#### Pitch

This shifts the global pitch up or down up to 24 semitones.

#### Auto-Pan

When active., this button pans each of the four voices evenly spaced apart from 45L to 45R.

#### \*Stretch - (CC92)

This knob stretches or compresses sample playback using Kontakt's built-in Time Machine Pro engine when the Time Mode button is enabled and the Free/Sync button is in FREE mode.

#### \*Time Mode

This button toggles between FREE and SYNC modes. Free mode allows real-time stretching and compressing of playback speed using the Stretch knob. SYNC mode locks phrase playback speed to your current project's tempo.

#### Song Key-switches

The **red** keys can be used to select the current set of phrases. To change the starting key of this key-switch group range, type in a midi note name or number into the text box. Or simply press the **SET** button to the right of the box and play any key to assign that note as the new value.

#### **Pitch Key-switches**

The green keys can be used to quickly set the pitch of the phrases +-3 semitones. To change the starting key of this key-switch group range, type in a midi note name or number into the text box. Or simply press the **SET** button to the right of the box and play any key to assign that note as the new value.

# Interactive Waveform Display

This area displays a waveform of the sample being currently (or most recently) played, along with the playback position (the white cursor). Additionally, this area displays the sample offset marker. Note that the Lite versions do not have the Offset Marker, because they contain a limited amount of allowable offset to save memory. All four **Voice Buttons** (Mike, Gregg, Spencer and Mikey) can be toggled on/off using the inverted black/white key-switches located from C-1 to D#-1.



#### "O" Sample Offset Marker

Found in the Phrase presets when the Sequencer panel is off, this interactive marker shows where the currently playing phrase will start. Moving this marker by hand will change the "Offset" control knob value. Not available in Lite presets

#### **Playback Cursor**

This white line shows the current position in time during the playback of a sample.

#### Voice Button (Mike)

This button toggles the lead voice (Mike) on and off. The name appears dark when on and faded grey when off.

#### Voice Button (Gregg)

This button toggles the baritone voice (Gregg) on and off. The name appears dark when on and faded grey when off.

#### Voice Button (Spencer)

This button toggles the bass voice (Spencer) on and off. The name appears dark when on and faded grey when off.

#### Voice Button (Mikey)

This button toggles the tenor voice (Mikey) on and off. The name appears dark when on and faded grey when off.



When a preset is first loaded you are greeted with a picture of the Questionable BarberShop Quartet! This image reveals the Interactive Waveform Display as soon as any key is pressed.

# BarberShop Ensemble Staccatos

The Ensemble Staccatos preset includes three sustains per voice, Doo, Lah and Woh. The playable range is colored Blue, while key-switches to change the sustain are colored red. \*Note: time-stretching isn't possible in the "Lite" low-memory presets.



#### Sustain Selector Menu

This menu chooses the current sustain sound. You can also use the **red** key-switches to select the current sound. This list contains the following six selections: Doo (Auto-Voice), Lah (Auto-Voice), Woh (Auto-Voice), Doo (Unison), Lah (Unison), and Woh (Unison). The "Auto-Voice" selections automatically selects different voices based on key range and polyphony. The Bass (Spencer) ranges from C-2 to F#1, the Baritone (Gregg) from G2 to A2, the Lead (Mike) from A#2 to G3 and the Tenor (Mikey) from G#3 to the top.

#### Swell - (CC 72)

This knob controls the volume swell of the instrument.

#### Attack - (CC 74)

This knob controls the sharpness of initial note attack. Higher values soften the attack.

#### \*Stretch - (CC 92)

When enabled, this knob stretches or compresses sample playback using Kontakt's built-in Time Machine Pro engine.

#### Offset - (CC78)

This controls the amount of sample start offset allowing you to jump ahead into samples to change the sound and bypass syllables.

#### Release - (CC76)

This knob controls the release time of notes. Please keep in mind that this library was recorded in a vocal booth, so the maximum release time is short.

#### Waveform Window

Provides a visual representation of the current sample. See Page 5 for more information.

#### Auto-Pan

The Auto-Pan button toggles the auto-pan feature on and off. In this preset, Auto-Pan randomly pans multiple voice left or right in the stereo field, increasing in intensity as the number of voices increases. If Auto-Pan is turned on and a single note is played, it will still be centered in the stereo field.

## Natural and Extended Keyrange

The natural key range for sustain & staccato presets is **Blue** and the extended range is **Cyan**.



# **BarberShop Ensemble Sustains**

The Ensemble Sustains preset includes three sustains per voice, Doo, Lah and Woh. The playable range is colored Blue (with the extended range colored Cyan), while key-switches to change the sustain are colored red.



#### Sustain Selector Menu

This menu chooses the current sustain sound. You can also use the **red** key-switches to select the current sound. This list contains the following six selections: Doo (Auto-Voice), Lah (Auto-Voice), Woh (Auto-Voice), Doo (Unison), Lah (Unison), and Woh (Unison). The "Auto-Voice" selections automatically selects different voices based on key range and polyphony. The Bass (Spencer) ranges from C-2 to F#I, the Baritone (Gregg) from G2 to A2, the Lead (Mike) from A#2 to G3 and the Tenor (Mikey) from G#3 to the top.

#### Swell - (CC 72)

This knob controls the volume swell of the instrument.

#### Attack - (CC 74)

This knob controls the sharpness of initial note attack. Higher values soften the attack.

#### Offset - (CC78)

This controls the amount of sample start offset allowing you to jump ahead into samples to change the sound and bypass syllables.

#### Release - (CC76)

This knob controls the release time of notes. Please keep in mind that this library was recorded in a vocal booth, so the maximum release time is short.

#### Waveform Window

Provides a visual representation of the current sample. See Page 5 for more information.

#### Auto-Pan

The Auto-Pan button toggles the auto-pan feature on and off. In this preset, Auto-Pan randomly pans multiple voice left or right in the stereo field, increasing in intensity as the number of voices increases. If Auto-Pan is turned on and a single note is played, it will still be centered in the stereo field.

# Natural and Extended Keyrange

The natural key range for sustain & staccato presets is **Blue** and the extended range is Cyan.



# BarberShop Scat'N Bebop

The Scat 'N Bebop presets contains various improvised scat 'n bebop phrases, cut into easy to sequence segments. They are organized by singer and key and feature tempo-synching / time-stretch control, pitch transposition and attack/release shaping. To view the playable key range of the currently loaded set of phrases, click Kontakt's keyboard display button at the top of the main Kontakt program window. The playable range is colored Blue on the keyboard. Key-switches are colored red. Natural performance breaths are colored Yellow. To enable time-stretching or tempo-synching, enable the Time Mode button. Note: Tempo-synching and time-stretching aren't possible in the "Lite" low-memory presets.



#### Song Select

Use this drop-down to select the active Song and Key set of live performance phrases.

#### Swell - (CC72)

This knob controls the volume swell of the instrument.

#### Attack - (CC 74)

This controls the sharpness of attack.

#### Offset - (CC78)

This controls the amount of sample start offset allowing you to skip ahead into the samples. Use this to tighten articulation attacks or play only a portion of a phrase.

#### Release - (CC76)

This controls the release time of the main note samples. Lower settings cause the sound to be damped and cut off on note release, while higher settings allow notes to ring out longer.

#### Pitch

This shifts the global pitch up or down up to 24 semitones.

#### \*Stretch - (CC92)

This knob stretches or compresses sample playback using Kontakt's built-in Time Machine Pro engine when the Time Mode button is enabled and the Free/Sync button is in FREE mode.

#### \*Time Mode

This button toggles between FREE and SYNC modes. Free mode allows real-time stretching and compressing of playback speed using the Stretch knob. SYNC mode locks phrase playback speed to your current project's tempo.

#### Song Key-switches

The **red** keys can be used to select the current set of phrases. To change the starting key of this key-switch group range, type in a midi note name or number into the text box. Or simply press the **SET** button to the right of the box and play any key to assign that note as the new value.

#### **Pitch Key-switches**

The green keys can be used to quickly set the pitch of the phrases +-3 semitones. To change the starting key of this key-switch group range, type in a midi note name or number into the text box. Or simply press the **SET** button to the right of the box and play any key to assign that note as the new value.

# BarberShop Staccatos (Solo)

The Solo Staccatos presets include three sustains per voice, Doo, Lah and Woh. The playable range is colored Blue, while key-switches to change the sustain are colored red. \*Note: time-stretching isn't possible in the "Lite" low-memory presets.



#### Sustain Selector Menu

This menu chooses the current sustain sound. You can also use the **red** key-switches to select the current sound.

#### Swell - (CC 72)

This knob controls the volume swell of the instrument.

#### Attack - (CC 74)

This knob controls the sharpness of initial note attack. Higher values soften the attack.

#### \*Stretch - (CC 92)

When enabled, this knob stretches or compresses sample playback using Kontakt's built-in Time Machine Pro engine.

#### Offset - (CC78)

This controls the amount of sample start offset allowing you to jump ahead into samples to change the sound and bypass syllables.

#### Release - (CC76)

This knob controls the release time of notes. Please keep in mind that this library was recorded in a vocal booth, so the maximum release time is short.

#### Waveform Window

Provides a visual representation of the current sample. See Page 5 for more information.

#### Auto-Pan

The Auto-Pan button toggles the auto-pan feature on and off. In these presets, Auto-Pan randomly pans multiple voice left or right in the stereo field, increasing in intensity as the number of voices increases. If Auto-Pan is turned on and a single note is played, it will still be centered in the stereo field.

### Natural and Extended Keyrange

The natural key range for sustain & staccato presets is **Blue** and the extended range is **Cyan**.



# **BarberShop Sustains (Solo)**

The Solo Sustains presets includes three sustains, Doo, Lah and Woh. The playable range is colored Blue (with the extended range colored Cyan), while key-switches to change the sustain are colored red.



#### Sustain Selector Menu

This menu chooses the current sustain sound. You can also use the **red** key-switches to select the current sound.

#### Swell - (CC 72)

This knob controls the volume swell of the instrument.

#### Attack - (CC 74)

This knob controls the sharpness of initial note attack. Higher values soften the attack.

#### Offset - (CC78)

This controls the amount of sample start offset allowing you to jump ahead into samples to change the sound and bypass syllables.

#### Release - (CC76)

This knob controls the release time of notes. Please keep in mind that this library was recorded in a vocal booth, so the maximum release time is short.

#### Waveform Window

Provides a visual representation of the current sample. See Page 5 for more information.

#### Auto-Pan

The Auto-Pan button toggles the auto-pan feature on and off. In these presets, Auto-Pan randomly pans multiple notes left or right in the stereo field, increasing in intensity as the number of notes increases. If Auto-Pan is turned on and a single note is played, it will still be centered in the stereo field.

### Natural and Extended Keyrange

The natural key range for sustain & staccato presets is **Blue** and the extended range is Cyan.

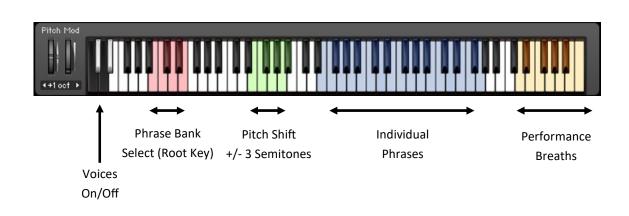


# **KEY-SWITCH REFERENCE**

This library contains key-switch functionality in every preset. Key-switches allow users to quickly change an articulation or instrument parameter by pressing a key on a midi keyboard. Placement and on/off state for every key-switch is configurable. The following sections goes over the major key-switches and how they are represented visually on Kontakt's built-in keyboard.

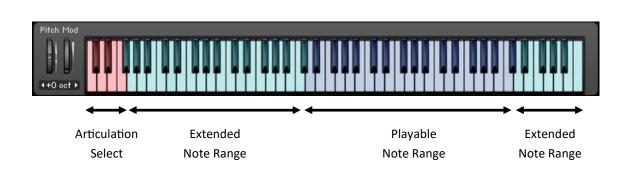
### Ensemble Songs / Scat 'N Bebop

In the Ensemble Songs preset, 5 key switch color zones are displayed on Kontakt's built-in keyboard. The **Blue** playable range in the center shows the individual phrases that are mapped for this current root key sample set. The **Red** range switches between available song and key sample sets. The **Black and White** keys (not present in the *Scat 'N Bebop* preset) toggle the individual voices on and off. The order is the same as listed on the GUI (Mike, Gregg, Spencer, Mikey). The **Yellow** color is where the natural breaths are mapped for each Root Key's sample pool. The **Green** keys shift the playback pitch up or down by up to +/- 3 semitones. The key in the center of that displayed range restores playback to the default natural pitch.



## **Standard Chromatic Presets**

In the ensemble sustains, ensemble staccatos, solo sustains, solo staccatos and other common nonphrase presets, there are only **3** key switch color zones displayed on Kontakt's built-in keyboard. The **Blue** playable range in the center shows the natural playable chromatic key range of the instrument, while the **Cyan** color shows the extended playable range. The **Red** key is the Articulation selector that allows you to switch between different sustains or staccatos, depending on the specific preset.



# **DSP EFFECTS RACK**

The FX Rack tab contains our advanced, flexible FX Rack that integrates many of Kontakt's built-in effects. The following section describes all of the available effects. The FX Rack is accessible in all presets by clicking on the UI tab at the bottom of the instrument labeled "**FX Rack**."



# **Effect Types & Controls**

#### **MOD MULTI-FX**

The Mod FX module features Chorus, Flanger and Phaser.

Power Button - Toggles the effect on and off.

 $\ensuremath{\text{Drop-down}}$  - Use this drop-down menu to select the active effect.

Rate - This knob controls the Rate of the selected effect.

**Feedback** - This knob (not available in Chorus mode) control the amount of feedback for the active effect.

Phase - This knob controls the Phase of the active effect.



**Depth** - This knob controls the depth (intensity) of the selected effect.

**Mix** - This knob controls the amount of wet and dry output of the effect. Values left-of-center reduce the wet level, while values right-of-center keep wet levels the same but reduces the dry level.

#### **DYNAMICS (COMPRESSOR)**

The Dynamics FX module is a configurable compressor.

Power Button - Toggles the effect on and off.

**Threshold** - This knob controls the volume threshold of the compressor.

**Ratio** - This knob controls the ratio of the compressor. The value is displayed to the right.

Attack - This knob controls the attack time of the compressor.



**Release** - This knob controls the release time of the compressor.

**Makeup -** This knob controls the makeup of the compressor.

#### **DRIVE (DISTORTION)**

The Drive FX module features a variety of distortion types: Distortion, Skreamer, Tape Saturator and De-Rez effect (Lo-Fi).

Power Button - Toggles the effect on and off.

**Drop-down** - Use this drop-down menu to select the active distortion effect.

**Drive** - This knob controls the amount of the distortion effect.

**Volume** - This knob controls the output level of the distortion effect.

#### AMP SIMULATOR

The Amp FX module is a configurable amp simulation effect. It includes the "Twang" and new "Jump" amp simulators.

Power Button - Toggles the effect on and off.

**Drop-down** - Use this drop-down to select between the available amp types: twang and jump.

**Volume** - This knob controls the volume output level of the amp simulator.

**Drive** - This knob controls the amount of extra gain on the amp simulator.

Lows - This knob controls gain of low (Alto) frequencies.

Mids - This knob controls the gain of mid-level frequencies.



**Degrade** - This knob (only available in De-Rez mode) controls the amount of bit crushing and sample rate reduction that the Lo-Fi effect applies.

**Lows** - This knob (when available) controls the level of low (Alto) frequencies.

**Highs** - This knob (when available) controls the level of high (treble) frequencies.

**Tone** - This knob (only in Skreamer mode) controls the tone level of the Skreamer effect.



**Highs** - This knob controls the gain of high (treble) frequencies.

**Boost Button** - This button (only available in the Jump amp sim) toggles Hi Gain mode on and off. The Volume is adjusted -9dB when activated to maintain relative volume while increasing the drive.

**Presence** - This knob (only available in the Jump amp) adjusts the presence of the effect.

#### SPEAKER CAB SIMULATOR

The Cab FX module is a configurable cabinet (speaker) simulation effect.

Power Button - Toggles the effect on and off.

**Drop-down** - Use this drop-down to select between the available cabinet types including the Rotator cabinet effect.

**Volume** - This knob controls the volume output level of the cabinet sim.

**Air** - This knob controls the amount of the "Air" in the cabinet effect, simulating distance between the virtual microphone and speaker cabinet.



**Fast Button -** This button (available only with the Rotator cabinet type) toggles the rotation effect of the cabinet from slow to fast.



#### **CONVOLUTION REVERB**

The Reverb FX module allows users to load reverb impulses to simulated real-world spaces or effects.

Power Button - Toggles the effect on and off.

**Custom Button** - Turning this "On" bypasses the our built-in impulses so you can save presets with your own impulses in the Insert FX module through Kontakt's Editor view.

**FX Menu** - This menu allows you to select one of our special effect convolutions. Selecting an impulse from this menu overrides and unloads any currently loaded impulse from the Spaces menu.

**Rooms Menu** - This menu allows you to select one of our real-world environmental convolutions. Selecting an impulse from this menu overrides and unloads any currently loaded impulse from the Effects menu.

#### DELAY

The Delay FX module is a configurable Delay effect.

Power Button - Toggles the effect on and off.

**Rate** - This knob controls the time between delays. Higher values mean a longer time between delays, creating a more pronounced echo.

**Damping** - This knob controls the damping of the delay effect, which attenuates and damps each successive echo.

**Pan** - This knob controls the amount of stereo panning of the delay effect.



**Lo Pass** - Sets the low frequency cut-off of the impulse response, allowing you to dull and darken the sound.

**Hi Pass** - Sets the high frequency cut-off of the impulse response, allowing you to remove rumble and low end.

Size - Sets the simulated room size of the convolution.

**Delay** - Sets the amount of pre-delay time before the wet signal is returned

**Mix** - This knob controls the amount of wet and dry output of the effect. Values left-of-center reduce the wet level, while values right-of-center keep wet levels the same but reduces the dry level.



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**Feedback** - This knob controls the feedback of the delay effect. High values can cause and endless loop.

**Mix** - This knob controls the amount of wet and dry output of the effect. Values left-of-center reduce the wet level, while values right-of-center keep wet levels the same but reduces the dry level.



#### INSTRUMENT PRESETS (KONTAKT) Soundiron Questionably Barbershop\Instruments

\*\* Please note that all presets listed are designed to be used with Kontakt 5.1.0 or higher. **Lite** versions of each preset are also included and are less CPU and memory dependent, but lack certain features and include a reduced amount of total sample content, such as reduced sample start offset range, voice limits and no temposyncing or stretching.

#### BarberShop Ensemble Songs.nki (Page 4)

This preset allows you to choose either of the 2 Classic Songs, with key-switching to change song and key, tempo-synching, auto-panning and individual voices.

#### BarberShop Ensemble Staccatos.nki (Page 6)

This staccato preset offers 3 key-switchable staccato sounds (Doo, Lah and Who) in either Auto-Voiced or Unison types with 8 round-robin. (C#-2 - F#8)

#### BarberShop Ensemble Sustains.nki (Page 7)

This sustain preset offers 3 key-switchable sustain sounds (Doo, Lah and Who) in either Auto-Voiced or Unison types. (C#-2 - F#8)

#### BarberShop Scat 'N BeBop.nki (Page 8)

This preset features 356 improvised Scat 'N BeBop phrases, with key-switching to change singer and key, tempo-synching and pitch controls.

#### BarberShop Staccatos - I Mike.nki (Page 9)

This staccato preset features Mike with 3 key-switchable staccato sounds (Doo, Lah and Who). (C#-2 - F#8)

#### BarberShop Staccatos - 2 Gregg.nki (Page 9)

This staccato preset features Gregg with 3 key-switchable staccato sounds (Doo, Lah and Who). (C#-2 - F#8)

#### BarberShop Staccatos - 3 Spencer.nki (Page 9)

This staccato preset features Mikes with 3 key-switchable staccato sounds (Doo, Lah and Who). (C#-2 - F#8)

### BarberShop Staccatos - 4 Mikey.nki (Page 9)

This staccato preset features Mikey with 3 key-switchable staccato sounds (Doo, Lah and Who). (C#-2 - F#8)

#### BarberShop Sustains - I Mike.nki (Page 10)

This sustain preset features Mike with 3 key-switchable sustain sounds (Doo, Lah and Who) (C#-2 - F#8)

#### BarberShop Sustains - 2 Gregg.nki (Page 10)

This sustain preset features Gregg with 3 key-switchable sustain sounds (Doo, Lah and Who) (C#-2 - F#8)

#### BarberShop Sustains - 3 Spencer.nki (Page 10)

This sustain preset features Spencer with 3 key-switchable sustain sounds (Doo, Lah and Who) (C#-2 - F#8)

#### BarberShop Sustains - 4 Mikey.nki (Page 10)

This sustain preset features Mikey with 3 key-switchable sustain sounds (Doo, Lah and Who) (C#-2 - F#8)







# **Song Lyrics**

# I've Been Working on the Railroad (by Unknown—1894)

I've been working on the railroad All the live-long day. I've been working on the railroad Just to pass the time away. Can't you hear the whistle blowing, Rise up so early in the morn; Can't you hear the captain shouting, "Dinah, blow your horn!" Dinah, won't you blow, Dinah, won't you blow your horn? Someone's in the kitchen with Dinah Someone's in the kitchen I know Someone's in the kitchen with Dinah Strummin' on the old banjo! Singin' fee, fie, fiddly-i-o Fee, fie, fiddly-i-o Fee, fie, fiddly-i-o Strummin' on the old banjo.

QUESTIONABLY BARBERSHOP



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Thanks!

Mike, Gregg and Chris





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