KNOCKtoAal

USER MANUAL

KNOCKtoAal

DJSWIVEL

DJSWIVEL

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GETTING STARTED

INSTALLATION

To install Knocktonal, simply run the installer and follow the instructions on screen. When using Knocktonal for the first time, an activation dialog will appear. Enter the individual Serial code you received in your confirmation email. If you have lost your confirmation email, you can re-request one at our support page at: www.djswivel.com/products/support.

In most cases, your host DAW will recognize the plugin automatically. In some cases you will need to direct your DAW to search for VST3 files. Knocktonal does not support the VST2 plugin format.

LOGIC PRO

Choose an empty insert slot on one of your audio tracks, instrument tracks or buses and select Knocktonal from the pop up menu. You will find Knocktonal in the audio units subfolder > DJ Swivel > Knocktonal.

ABLETON LIVE

In session view, select the track you would like to place Knocktonal on, for example by clicking the track name. At the top left of Ableton Live's interface, click on the plugin device browser icon. From the plugins list, double-click DJ Swivel > Knocktonal or drag it onto a track.

PRO TOOLS

Choose an empty insert slot on one of your audio tracks, instrument tracks or buses and select DJ Swivel > Knocktonal from the pop up menu.

CUBASE

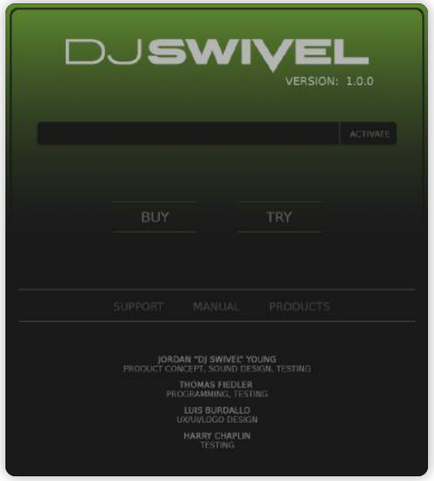
Choose an empty insert slot, for example in the mixer, and select DJ Swivel > Knocktonal from the menu that appears.

TRIAL MODE

Knocktonal comes with a complimentary 14 day free trial. Once the evaluation period has expired, you will be required to purchase a license from www.djswivel.com/products/knocktonal in order to continue using the plugin.

The plugin will indicate how many days are left on your free trial each time you open the plugin.

To enter Trial Mode, simply click the Try button in the dialog window that appears when you open Knocktonal for the first time.



ACTIVATING KNOCKTONAL

After you have purchased Knocktonal you will immediately receive an email containing your personal serial code. This serial code will unlock Knocktonal from Trial Mode*.

1. Open up Knocktonal in your DAW. If this is your first time opening Knocktonal, you will see a prompt displayed requesting you to enter the serial code we've emailed you. Your serial code is a unique 28 digit alphanumeric string of text **(ex. 0000-0000-0000-0000-0000-0000-0000)**

2. Copy the serial code from the email you have received and paste it into the text field. Make sure that you're copying the entire serial code and nothing else.

3. Click Enter. If successful, you will see a prompt indicating your product was registered successfully. If you're having trouble activating by copy and pasting, try entering the serial code manually.

*If you've been using Knocktonal in Trial Mode and would like to register a recently purchased license, click the gear icon in the presets menu and click the Activate button to enter the activation menu. From here you can follow the same steps as above to activate your product.

OFFLINE ACTIVATION

For offline activation, simply enter your serial code with your Wi-Fi or internet connection disabled and click "Activate" to generate the offline dialog window in Knocktonal. Once displayed, please save your computer ID file (comp-id.xml) which uniquely identifies your machine by clicking "Save" and then follow the instructions on the page generated in your browser.

If the link is not automatically generated please go to: www.djswivel.com/products/support/activation

Upload the computer ID file into the page generated in your browser and then download the response file back onto your computer. To activate Knocktonal offline simply load the activation response file into the plugin by clicking "UNLOCK" and your license will be activated.

DEACTIVATING KNOCKTONAL

Deactivating a license can come in handy if you need to authorize the plugin on a new computer and need to free up an authorization. To deactivate your license click Deactivate in the center of the settings menu.

The License can then be transferred back to your DJ Swivel User Account and moved onto a new computer by simply re-entering your serial code in the activation window when opening the plugin on a new computer.

GENERAL OPERATION

KNOCKtoAal

Knocktonal is a note-based resonance enhancer, allowing users to boost (or cut) resonances as well as their corresponding harmonic overtones. Simply put, Knocktonal allows drum tuning via eq, without the need for re-pitching samples. This can be quite useful, as destructive re-pitching or pitch shifting will often affect the tonality of sounds in negative ways. This may include unwanted augmentation of the transients, texture, attack, and decay of your sounds.

Knocktonal allows these resonance boosts/cuts to be controlled statically, or dynamically with either automation or MIDI input, the latter of which can create some incredibly unique sounding melodic pitch augmentation. Knocktonal can also be used to turn simple drum sounds like short kicks, into 808's with a long tail by narrowing the resonance Q control (#10 on plugin overview).

All plugin controls have hints that will display as popups when a mouse is hovered for 2 seconds.

PLUGIN OVERVIEW

SUBTRACTIVE EQ

The subtractive EQ section of Knocktonal is designed to remove any unwanted resonating frequencies that pre-exist in the audio you're working with. This is useful in order to achieve a "blank slate", before enhancing any new resonances. As with the additive resonance section of the plugin, the Subtractive EQ can be controlled in several ways. First, statically, by simply setting the note and leaving it. This is useful for one-shot drum sounds that are identical throughout the performance. The subtractive EQ can also be controlled dynamically for sounds that have shifting resonances, such as a melodic performance. This can be done in two ways. First, by using automation, and second, by sending a MIDI signal to MIDI Channel 2 of the plugin.

1. **Frequency** – Frequency of the subtractive EQ. This control is note based, and will display the note you've selected in the keyboard portion at the bottom of the plugin, as well as the frequency of the note within the frequency knob itself. The frequency can also be controlled using the bubble handle visible at the top of the spectrometer just below the frequency markings. You may also slide this control smoothly between notes by using the Option (Mac) or Alt (PC) modifier keys. This can also be controlled via MIDI input using MIDI Channel 2.

2. **Cut** – Amount of gain reduction of the subtractive EQ. This can also be controlled with the frequency bubble handle.

3. **Q** – Bandwidth of the subtractive EQ. Bandwidth is consistent across both the root note and overtones

4. **Overtones** – Amount of overtone signal being removed. The overtones are equally applied between even and odd order harmonics.

PLUGIN OVERVIEW (CONTINUED)

RESONANCE EQ

The resonance EQ section is where the power of Knocktonal really shines. This is the primary place where usage will occur. The resonance EQ is designed to push a root note, and all accompanying harmonic overtones, both even and odd. You can also set the resonance EQ to Octave mode by turning off the Overtones button, which allows control over all octaves of the root note. As with the subtractive EQ, the additive resonance EQ can be controlled both statically, and dynamically via automation or MIDI input.

1. **Resonance Note** – This bubble handle is both a note selector, determining the note where resonance is added, as well as a gain slider, allowing increased volume of the resonating note chosen. This note can also be selected using the keyboard portion of the plugin interface, and can also be controlled vis MIDI input using MIDI Channel 1.

2. **Keyboard** – The Keyboard is used as both a display, showing you which notes have been selected for both the resonance EQ (perpetually displayed) and subtractive EQ (dynamically displayed when engaging with the subtractive controls).

3. **Focus** – Focus frequency of resonance EQ. When the link button (#9) is turned on, this focus frequency will always follow the note/octave selected on the main note bubble or the keyboard. When link is turned off, this parameter allows you to adjust where the center resonance frequency lands, including in between octaves.

4. **Range** – Focus width of resonance EQ defines how much of the resonance is added to either higher and lower octaves, or to the harmonics in case overtones mode is on.

5. **Link** – The link button locks the focus frequency to the primary note selected.

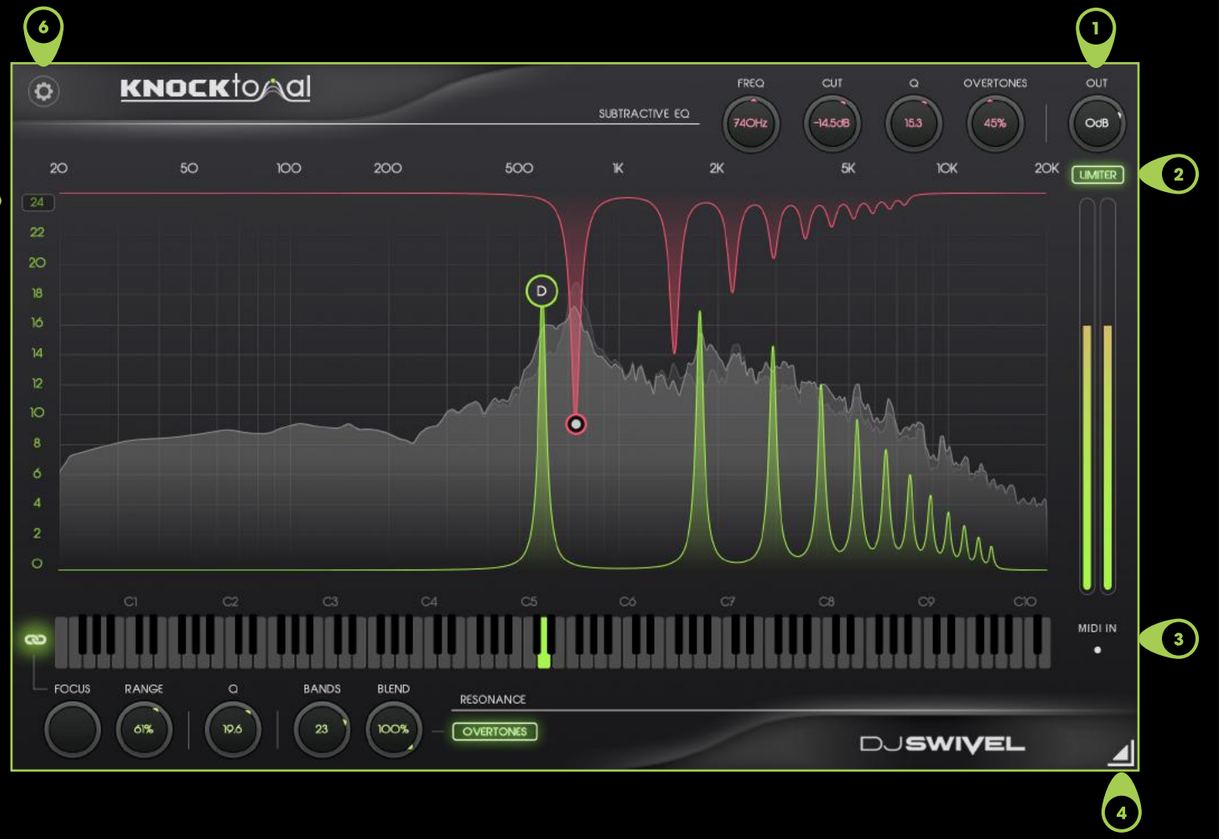
6. **Q** – Bandwidth of the resonance EQ. When resonance bands are narrowed sufficiently, this creates a long tail allowing drum sounds to stretch out. This is quite useful on kick drums to convert them to 808s.

7. **Bands** – Number of bands of resonance EQ. This parameter is only available while Overtones mode is turned on, and allows you to select between 1 and 30 bands for resonances.

8. **Blend** – Mix of odd and even overtones. When the knob is all the way to the left, only odd order harmonics are present. To the right, only even order harmonics.

9. **Overtones** – This button switches between Overtones mode, and Octave mode. When the button is turned off, only octaves of the root note are boosted (eg. Every instance of F#).

PLUGIN OVERVIEW (CONTINUED)



ADDITIONAL CONTROLS

1. **Out** – This knob controls the output volume of your signal

2. **Limiter** – When turned on, this will limit the volume of the signal to prevent unwanted distortion caused by larger resonance boosts of the signal.

3. **MIDI In** – This display is simply an indicator that the plugin is receiving MIDI signal. MIDI Channel 1 controls the frequency of the resonance EQ, and MIDI Channel 2 controls the frequency of the subtractive EQ.

4. **Resize** – Drag around to resize the plugin window.

5. **Display scale** – This menu allows you to adjust the scale of the display, and will dynamically adjust if a signal is boosted or cut beyond the scale displayed. There are 3 available settings, 12dB, 24dB, and 36dB.

6. **Settings** – This menu is used to authorize/deauthorize your plugin, and provides links to the user manual and support.

SUPPORT

If you need help or questions please visit the support page at our website.
www.djswivel.com/products/support

For sales related questions and technical support, you may also contact the DJ Swivel support team directly at support@djswivel.com

REPORTING A BUG

If you've encountered a bug using Knocktonal, first make sure you're using the latest version of the plugin, which you can find in your DJ Swivel user account by logging in at www.djswivel.com/products/my-account

You can check the version of Knocktonal you're using by clicking the settings icon in the main plugin interface. If the bug is still present in the latest version, please send us an email at support@djswivel.com including your system details (operating system & version, host software and version) and as much technical information as possible so we can easily reproduce any issues.

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