



Archetype: Cory Wong

Version 1.0.0: For MAC and Windows

**CORY
WONG**



We worked closely with Cory to capture and recreate every distinct sonic aspect of what makes his gear and awesome sound beautiful and unique. This plug-in captures the go-to tones that Cory uses live and in the studio. It's a complete plug-in, with six sections, and multiple options for the amplifiers and cabinets.

Neural DSP partnered with Cory Wong to bring you this awesome product: *Wah pedal, Envelope Filter pedal, Compressor pedal, Overdrive pedals, three different Amplifiers, Graphic EQ, Delay and Reverb pedals.*

In addition to the accurate analog emulation of this product, we added a Cab Simulation block with 3 cabinets where you can find a pack of carefully recorded impulses specially designed by Neural DSP.

We proudly present you **ARCHETYPE: CORY WONG.**

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Basic Requirements

To start using NEURAL DSP Plugins you will need:

1. A computer capable of multitrack audio processing, Mac or PC.
2. An audio interface.
3. A supported host software (DAW) for recording.
4. An iLok User ID and the latest version of iLok License Manager application.
5. A Neural DSP Account.

Note: You don't need an iLok USB dongle to use our products since you can activate them directly into your computer.

Supported Operating Systems

OS X 10.13 -10.15 (64-bit only)

Windows 7 - 10 (64-bit only)

Supported Host Softwares

To use NEURAL DSP software as a plugin, you need an audio software that can load it (64-bit only). We officially support the following Software to host our plug-ins:

- Pro Tools 11 - 2020 (Mac & Windows): AAX Native
- Logic Pro X - (Mac): AU
- Cubase 7 - 10 (Mac & Windows): VST2 - VST3
- Ableton Live 9.x or later (Mac): AU & VST / (Windows): VST
- Reaper 5.x or later (Mac): AU, VST2 & VST3 / (Windows): VST2 & VST3
- Presonus Studio One 4 (Mac & Windows): AU, VST2 & VST3



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- FL Studio 20 (Mac & Windows): VST2 & VST3
- Reason 10 (Mac & Windows): VST2 & VST3

***All our products include a standalone version (64-bit only). Support is offered for these operating systems and software platforms. This doesn't mean our plugins will not work in your DAW, just download the Demo and try (Please check that your host software is compatible with your operating system first).**

For more information, check our FAQ page here: <https://neuraldsp.com/faq/>

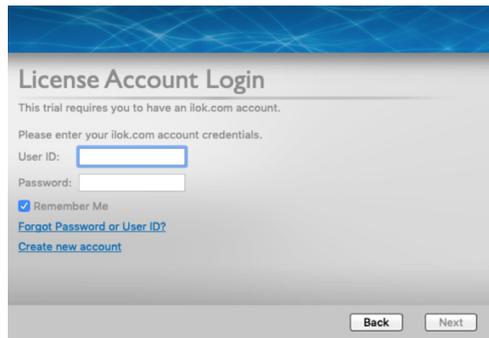
iLok User ID And iLok License Manager Demo Product

Right after the setup installation, you will see an activation window. Click on the "Try" button. If you don't see that button, close and reopen the plug-in/standalone app.



GETTING STARTED

If you don't have an iLok account, you can create one right here:



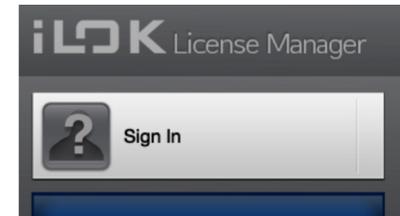
Then, iLok License Manager software will be installed on your computer... and that's it! Notice that your trial expires after 14 days.

Full Product

To get a full activation code for any of our products, please create a Neural DSP account on our website, click on a plug-in you want (<https://neuraldsp.com/products/>), select "add to cart", and complete the steps for purchase. After that, please follow these steps:

· Make sure you have the latest iLok License Manager application installed and running. (<https://www.ilok.com/#!/license-manager>)

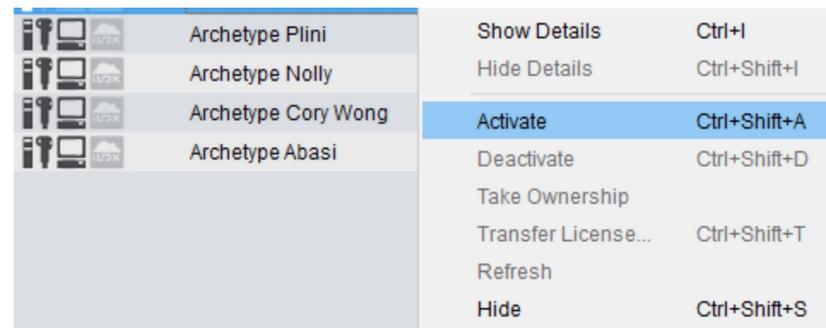
· Log in with your iLok account in iLok License Manager.



· Redeem your code from the upper right corner where the 2 dots and a line symbol is. You can find your code in your email inbox or under your ORDER on our website as well.



· After that, go to the "All Licenses" tab on top, right-click on the license and select "activate".



- Install the Plugin by running the installer. (<https://neuraldsp.com/downloads/>)
- Rescan your plugins within your DAW and restart your DAW.

You can run the standalone version as well (If you run it on Windows, you can find the executable in C:/ Program Files / Neural DSP //. If you run it on Mac, you can find the app under the Applications folder).

File Locations

NEURAL DSP plug-ins will be installed in the appropriate default location for each plug-in format (VST, VST3, AAX, AU) unless different custom location was selected in the process.

MacOS

AudioUnits: Macintosh HD / Library / Audio / Plug-ins / Components / Archetype Cory Wong

VST2: Macintosh HD / Library / Audio / Plug-ins / VST / Archetype Cory Wong

VST3: Macintosh HD / Library / Audio / Plug-ins / VST3 / Archetype Cory Wong

AAX: Macintosh HD / Library / Application Support / Avid / Audio / Plug-ins / Archetype Cory Wong

Standalone App: Macintosh HD / Applications / Archetype Cory Wong

Preset Files: MacintoshHD / Library / Audio / Presets / Neural DSP / Archetype Cory Wong

Manual: Macintosh HD / Library / Application Support / Neural DSP / Archetype Cory Wong

Note: **Archetype: Cory Wong 1.0.0 is available in 64-bit only.**

Windows

64-bit VST: C:/ Program Files / VSTPlugins / Archetype Cory Wong

64-bit VST3: C:/ Program Files / Common Files / VST3 / Archetype Cory Wong

64-bit AAX: C:/ Program Files / Common Files / Avid / Audio / Plug-Ins / Archetype Cory Wong

64-bit Standalone: C:/ Program Files / Neural DSP / Archetype Cory Wong

Preset Files: C:/ ProgramData / Neural DSP / Archetype Cory Wong

Manual: C:/ Program Files / Neural DSP / Archetype Cory Wong

Note: **Archetype: Cory Wong 1.0.0 is available in 64-bit only.**

Uninstalling Neural DSP Software

To uninstall, delete the files manually from your respective plugin format folders. For Windows, you can uninstall the files by running the setup installer and clicking on "Remove".

THE PLUG-IN

- *Wah Pedal*
- *“The postal service” - Envelope Filter Pedal*
- *“The 4th position compressor” - Compressor Pedal*
- *“The tuber” - Overdrive Pedal*
- *“The big rig overdrive” - Overdrive Pedal*
- *“D.I. Funk Console” - Head Amplifier*
- *“The Clean Machine” - Head Amplifier*
- *“The Amo Snob” - Head Amplifier*
- *Graphic EQ x3*
- *Neural DSP Cab Sim x3*
- *“Delay-y-y” - Delay Pedal*
- *“The Wash” - Reverb Pedal*

ARCHETYPE: CORY WONG FEATURES WAH SECTION



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The first section consists of a MIDI-controllable and fully automatable Wah pedal. Auto-Wah feature included.

POSITION KNOB - Adjust the peak response of the frequency filter up and down.

ATTACK KNOB - Sets the time it takes for the wah filter to fully open.

RELEASE KNOB - Sets the time it takes for the wah filter to close.

SENSITIVITY KNOB - This threshold control sets the level at which the wah effect is engaged.

STOMP EFFECTS SECTION



This section consists of four effects in series, which can be used separately or combined.

THE POSTAL SERVICE - Envelope Filter Pedal

RANGE KNOB - Frequency selector (600Hz to 1700Hz).

SENSITIVITY KNOB - Sets the level at which triggering operates.

ATTACK KNOB - Determines the filter attack response.

DECAY KNOB - Determines the filter decay time.

STOMP BYPASS SWITCH - Click to activate. This will turn on the filter pedal allowing it to process your signal.

THE 4TH POSITION COMPRESSOR - Compressor Pedal

BLEND KNOB - It mixes the input dry signal with the compressed signal.

tone knob - It cuts or boosts the treble frequencies of both dry and compressed signals.

COMPRESSION KNOB - It controls the compression threshold of the signal.

VOLUME KNOB - It determines the output level of the pedal.

STOMP BYPASS SWITCH - Click to activate. This will turn on the compressor pedal allowing it to process your signal.

THE TUBSTER - Overdrive Pedal

tone knob - The tone knob controls the treble frequencies. Increase it to allow all the treble frequencies pass through. Set it to 0 to cut a decent amount of treble and even some high mids.

DRIVE KNOB - Controls the amount of gain the pedal will boost out to the head amplifier.

LEVEL KNOB - Determines the output level of the pedal.

STOMP BYPASS SWITCH - Click to activate. This will turn on the overdrive pedal allowing it to process your signal.

THE BIG RIG OVERDRIVE - Overdrive Pedal

tone knob - The tone knob controls the treble frequencies. Increase it to allow all the treble frequencies pass through. Set it to 0 to cut a decent amount of treble and even some high mids.

DRIVE KNOB - Controls the amount of gain the pedal will boost out to the head amplifier.

LEVEL KNOB - Determines the output level of the pedal.

STOMP BYPASS SWITCH - Click to activate. This will turn on the overdrive pedal allowing it to process your signal.

ARCHETYPE: CORY WONG AMPLIFIER SECTION D.I. Funk Console



COMP KNOB - Controls the compression threshold of the signal.

ATTACK SWITCH - Determines the compression attack response (slow or fast).

TUBE SAT KNOB - Controls the amount of tube saturation in the preamp section.

HIGH PASS KNOB - Controls the frequency range of the high pass filter (from 20Hz to 250Hz).

LOW PASS KNOB - Controls the frequency range of the low pass filter (from 3KHz to 17KHz).

GETTING STARTED

NEURAL DSP // ARCHETYPE: CORY WONG

LOWS, MIDS & HIGHS KNOBS - Tonestack of the amplifier. 3 band EQ.

FREQUENCY SELECTION SWITCHES - Two-way switches for selecting the Low, Mid and High frequencies affected by the knobs.

VOLUME KNOB - Controls the overall volume of the amp.

POWER BUTTON SWITCH - This switch bypasses your signal, as the amp section would be off.

The Clean Machine



VOLUME KNOB - Controls the amount of volume in the preamp section.

BRIGHT SWITCH - The signal is very warm, bouncy, and sparkling, which is further enhanced with this switch.

BASS, MIDDLE & TREBLE KNOBS - Tonestack of the amplifier. 3 band EQ.

PRESENCE KNOB - Used to boost the upper midrange and treble frequencies.

OUT LEVEL KNOB - Controls the overall output level of the amp.

POWER BUTTON SWITCH - This switch bypasses your signal, as the amp section would be off.

The Amp Snob



VOLUME KNOB - Controls the amount of volume in the preamp section.

BRIGHT SWITCH - When this switch is engaged, the high-end of your signal is boosted.

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BASS, MIDDLE & TREBLE KNOBS - Tonestack of the amplifier. 3 band EQ.

MASTER KNOB - Controls the amount of gain in the output section.

PRESENCE KNOB - Used to boost the upper midrange and treble frequencies.

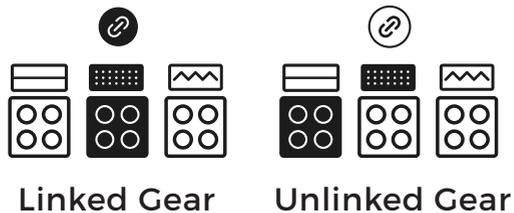
OUT LEVEL KNOB - Controls the overall volume of the amp. It's useful to match the amplifiers when you are using the same cab for all the amps.

DRIVE SWITCH - Engages an additional tube stage to the signal path. When this switch is engaged, the bright switch is bypassed internally.

POWER BUTTON SWITCH - This switch bypasses your signal, as the amp section would be off.

GEAR SELECTOR

With default settings, the amplifiers are connected with their default cabinets. You can select, switch and combine them by clicking the following icons at the bottom of the plugin window:



EQ SECTION



High-fidelity Graphic EQ that allows you to see graphically and control individually a number of different frequency bands. We include three of them.

ON/OFF BUTTON SWITCH - Turns On/Off the EQ filter.

EQ BANDS - Bank of nine control sliders used to boost or cut frequency bands.

NEURAL DSP CAB SIMULATION



We have designed a Cabinet simulation for this plug-in. It includes six microphones with a range of different positions.

NAVIGATION ARROWS - Click on them to navigate through the different impulses.

POSITION KNOB - Controls where the microphone is, from the center of the cone to the edge of the cone. (Disabled when loading external IR file).

DISTANCE KNOB - Controls the distance of the mic between close to the cab and far towards the room. (Disabled when loading external IR file).

LEVEL KNOB - Controls the level of the selected impulse.

PAN KNOB - Controls the output panning of the selected impulse.

PHASE INVERTER SWITCH - Inverts the phase of the loaded impulse.

ON/OFF SWITCH - Enables or disables the respective IR loader Section.

IMPULSE LOADER SELECTOR BOX - Drop down menu for selecting factory microphones and loading your own IR files. The folder path will be saved, then you can navigate through them by clicking left/right navigation arrows.

DRAG TO POSITION - This feature refers to clicking on the Microphone, which will allow you to position the Microphone within the Cone area. The values will be reflected in the Position and Distance sliders and vice-versa.

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TIME EFFECTS SECTION



DELAY-Y-Y - Delay Pedal

MIX KNOB - Controls the amount of effect that is added to the original dry input signal.

FEEDBACK KNOB - Sets the amount of delay returned to the input of the delay line. The higher the setting, the more repeats.

LOW & HIGH CUT KNOBS - Controls the frequency range of the high and low pass filters accordingly.

TIME L & TIME R KNOBS - Sets the delay time in subdivisions. From 1/64T to 1/1D.

TEMPO KNOB - Adjusts the BPM (*Beats Per Minute*). If the sync switch is engaged, this tempo knob will be deactivated.

MODE SWITCH - Click on it to select between Single or Dual mode.

SYNC SWITCH - Determines if the delay time is set according to Plug-In/DAW tempo or manually.

SCREEN - Displays settings, time and subdivision values.

STOMP ENGAGE SWITCH - Press to activate. This will turn on the Delay allowing it to process your signal.

STOMP TAP TEMPO SWITCH - Controls the delay time by clicking. Delay Time is set as the interval between the last two clicks on the stomp switch.

THE WASH - Reverb Pedal

DRY/WET KNOB - Controls the amount of effect that is added to the original dry input signal.

DECAY KNOB - Sets the duration of the reverb decay envelope. Use it to adjust how quickly your sound dissipates.

LOW & HIGH CUT KNOBS - Controls the frequency range of the high and low pass filters accordingly.

SHIMMER BUTTON SWITCH - Engages the “*Shimmer*” effect on your processed signal. This effect is produced by layering a tail of reverb (*pitched up an octave*) on top of the original dry signal.

STOMP BYPASS SWITCH - Press to activate. This will turn on the Reverb allowing it to process your signal.

GLOBAL FEATURES



DEVELOPED BY NEURAL DSP - Click on it to reveal additional info about this product.

INPUT AND OUTPUT GAIN KNOBS - Input will affect how much signal the plugin will feed in. This will affect the amount of distortion range of the gain knobs in the head and booster gain knob. Adjust according to your needs and input signal levels. The output will affect how much signal the plugin will feed out to your DAW channel. Meters will show if input or output signals are clipping by holding a gray indicator for 3 seconds.

GATE KNOB - Attenuates the input signal below the threshold.

STEREO SIGNAL PROCESSING SWITCH - Original hardware has the power to process only a mono input signal. With the Stereo switch, you are able to process a stereo input signal. Ideal for running stereo Guitar tracks or experimenting with any stereo sources.

QUALITY SWITCH - Changes the quality with which the plugin will process the signal, based on different levels of oversampling (2x Normal and 4x High). The higher the quality, the more processing CPU power needed.



COGWHEEL ICON (STANDALONE ONLY) - Audio settings menu. You can select the audio interface to use, set the input/output channels, modify sample rate, buffer size and MIDI devices.

MIDI PORT ICON - It opens the MIDI Mappings window. *To map any external device to control the plugin, please check the MIDI SETUP instructions (Pag. 16).*

PITCHFORK ICON (STANDALONE ONLY) - Click on it to activate the built-in Tuner.

METRONOME ICON (STANDALONE ONLY) - Controls the delay time by clicking it. Delay Time is set as the interval between the last two clicks on the pad.

TEMPO VALUE (STANDALONE ONLY) - You can adjust

the tempo by clicking the arrows. Also, you can set the default tempo (240bpm) by double-clicking on it.

Gear Selector: You can switch the amplifiers by clicking the bottom icons.

RESIZE BUTTON - Click to resize the plugin Window. You can select between 3 possible sizes. Only two sizes are available when using a low-resolution screen.

PRESETS



This functionality allows the user to Save, Import and Export presets. The presets are saved as XML files and can be read by the parameters within the Plug-In.

SAVE BUTTON - The Diskette Icon on the left allows the user to save the current configuration as a preset.

DELETE BUTTON - The trash bin allows the user to delete the active preset. (*This action cannot be undone*). If you tweak an existing saved preset and you need to recall the saved version, just load another preset and load back the desired preset. Clicking on the name of the modified preset once its loaded will NOT recall its values.

LOAD PRESET - You can load presets from other locations (XML files).

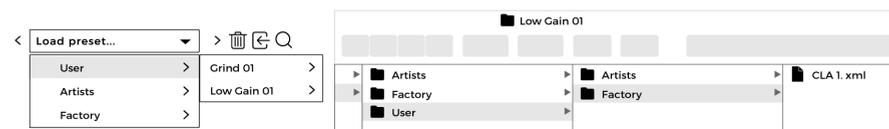
PRESETS FOLDER SHORTCUT - Go to the *Magnifying Glass* icon on the Presets toolbar to redirect you to your Presets Folder.

DROPDOWN MENU - The arrow on the right side of the list displays a list of presets included by factory, artists and the ones created by the user.

Where are my presets located?

Windows: C:/ ProgramData / Neural DSP / Archetype Cory Wong

Mac OSX: HD / Library / Audio / Presets / Neural DSP / Archetype Cory Wong



Custom Folders

You can create folders to organize your presets under the main directory. The dropdown menu will be updated the next time you open Archetype: Cory Wong plug-in.

MIDI SETUP

Archetype: Cory Wong features MIDI support. Please, check the following steps to assign MIDI controls to plugin parameter/UI components.

Mapping MIDI note event to Buttons:

- Enable MIDI Learn from the right click menu.
- Click on the component you want to control.
- Press down MIDI note on the MIDI controller and release it.
- Disable MIDI Learn from the right click menu.
- Now mapped MIDI note will toggle the parameter value.

Mapping two MIDI notes to a Slider/Combobox:

- Enable MIDI Learn from the right click menu.
- Click on the component you want to control.
- Press down the first MIDI note on the MIDI controller.
- Press down the second MIDI note on the MIDI controller.
- Release the first MIDI note.
- Release the second MIDI note.
- Disable MIDI Learn from the right click menu.
- Now the two mapped MIDI notes can be used to increment/decrement the parameter value.

Mapping MIDI CC event to Buttons:

- Enable MIDI Learn from the right click menu.
- Click on the component you want to control.
- Press down MIDI CC shortcut on the MIDI controller and release it.
- Disable MIDI Learn from the right click menu.
- Now mapped MIDI CC event will toggle the parameter value.

Mapping MIDI CC event to a Slider/Combobox:

- Enable MIDI Learn from the right click menu.
- Click on the component you want to control.
- Move CC knob on the MIDI controller.
- Disable MIDI Learn from the right click menu.
- Now mapped MIDI CC event will control the parameter value.

Mapping two MIDI CC events to a Slider/Combobox:

- Enable MIDI Learn from the right click menu.
- Click on the component you want to control.
- Press down the first MIDI CC button on the MIDI controller.
- Press down the second MIDI CC button on the MIDI controller.
- Release the first MIDI CC button.

- Release the seconds MIDI CC button.
- Disable MIDI Learn from the right click menu.
- Now the two mapped MIDI CC events can be used to increment/decrement the parameter value.

Mapping MIDI Program Change event to Buttons:

- Enable MIDI Learn from the right click menu.
- Click on the component you want to control.
- Press down MIDI Program Change twice shortcut on the MIDI controller.
- Disable MIDI Learn from the right click menu.
- Now mapped MIDI Program Change event will toggle the parameter value.

Mapping two MIDI Program Change events to a Slider/ Combobox:

- Enable MIDI Learn from the right click menu.
- Click on the component you want to control.
- Press down the first MIDI Program Change button on the MIDI controller.
- Press down the second MIDI Program Change button on the MIDI controller.
- Disable MIDI Learn from the right click menu.
- Now the two mapped MIDI Program Change events can be used to increment/decrement the parameter value.

All those MIDI Events will be registered on the **MIDI Mapping** window. You can open it and edit all the parameters by clicking on the MIDI port icon on the bottom left corner of the plug-In. You can add new MIDI events manually by clicking on the “+” button.

GUI BASICS

Archetype: Cory Wong features knobs and switches within the Graphic User Interface (also known as GUI). These resemble the ones in the physical analog hardware with added control.



Section Bypass

To bypass a whole section, right-click or double-click on the upper icons. Pedal and Cab sections will be bypassed, but the Wah and Amplifier sections will be turned off. This feature is linked to the respective stomps in the pedals and switches on the amps.

Knobs and Sliders

To control knobs and switches in Archetype: Cory Wong,

use the mouse: To turn a knob right or clockwise, click on the control with your mouse and slide the cursor up. To turn a knob left or anticlockwise, click on the knob with the mouse and slide the cursor down.

Returning a knob or slider to its Default Value

To return to the knob's default values, double-click on them.

Adjusting a Knob with Fine Control

To fine-adjust the knob values, hold down the "command key" (*macOS*) or the "control key" (*Windows*) while dragging the mouse.

Switches

Switches

Archetype: Cory Wong has two types of switches: stomp and toggle. Stomps are used to handle on/off the pedals, and toggles are used to move controls in the amplifiers section. To change the value of a stomp or a switch, just click on them.

For stomp and switches a LED type indicator will illuminate to let you know a parameter is engaged.

SUPPORT AND CONTACT INFORMATION

NEURALDSP.COM/SUPPORT

For technical issues or any problems experienced with our software contact us at neuraldsp.com/support. Here you will find our FAQ (Frequently Asked Questions), our troubleshooting info (your question might have been asked before) and our contact email support@neuraldsp.com. Please be sure to contact this email only for support purposes. If you contact some other Neural DSP email, your support will be delayed.

SUPPORT INFORMATION

In order to help and assist you, please attach the following information to our support team:

- *Product serial number and version (e.g Archetype Cory Wong, Ver 1.0.0, serial xxxx-xxxx-xxxx-xxxx-xx)*
- *Version number of your audio system (e.g ProTools 2020.5, Cubase Pro 10, Ableton Live 10.0.1)*
- *Interface/hardware (e.g. Apollo Twin, Apogee Duet 2, etc.)*
- *Computer and operating system info (e.g. Macbook Pro OS X 10.15, Windows 10, etc.)*
- *A detailed description of the problem*

CORPORATE CONTACT

Neural DSP OY.

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FILES LOCATION

MacOS

AudioUnits: Macintosh HD / Library / Audio / Plug-ins / Components / Archetype Cory Wong

VST2: Macintosh HD / Library / Audio / Plug-ins / VST / Archetype Cory Wong

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64-bit AAX: C:/ Program Files / Common Files / Avid / Audio / Plug-Ins / Archetype Cory Wong

64-bit Standalone: C:/ Program Files / Neural DSP / Archetype Cory Wong

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NEURAL DSP - VERSION 1.0

Archetype: Cory Wong Version 1.0.0

Archetype: Cory Wong is a trademark belonging to his respective owner and it's used with express permission from their respective owners.

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