H2 AUDIO
USER GUIDE



User Guide :

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Version 1.0.0

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Introduction

“ Thank you for purchasing. This guide gives you a complete overview of the complete plugin. If you have any questions or support requirements, please visit kitplugins.com and reach out to help@kitplugins.com. Be sure to join our newsletter and connect with us on social media for new releases and product updates! ”

— Matthew Kleinman, Founder & CEO

H2 0011: The unmistakable punch, presence and musicality of a classic EQ and Pre, brought into the digital domain.

In collaboration with H2 Audio, KIT Plugins brings the character of the legendary 0011 Series to your DAW. Inspired by the original-style microphone preamp and three-band EQ, H2 0011 captures the distinctive tonal shaping that helped define the sound of classic rock recordings.

Shape your sound with the unmistakable weight of the low frequencies, the focused character of an inductor-based midrange and the clarity of a fixed-frequency high shelf. From adding body and definition to drums and bass to bringing presence and character to vocals, guitars and entire mixes, H2 0011 offers a musical approach to EQ that makes every adjustment count.

Designed for modern production without losing sight of its heritage, H2 0011 combines classic-inspired tone with the flexibility of a DAW plugin.

H2 Comp: The indisputable attitude of rich and flavorful compression, expanded for the modern studio.

Developed in collaboration with H2 Audio, KIT Plugins brings the character of the legendary H760 FET Compressor/Limiter into your DAW as H2 Comp. Inspired by the original hardware's distinctive dynamics and vintage rock heritage, this plugin combines classic FET compression with expanded controls and processing capabilities designed for today's production workflows.

From punchy drums and upfront vocals to aggressive guitars and tightly controlled mixes, H2 Comp delivers versatile dynamic shaping with the character and impact that have made classic FET compression an enduring studio favorite.

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Installation & Requirements

After purchasing from our website, you will be asked at the **Order Status** page to enter and submit your **iLok ID** (e.g. the "**username**" you use to login to **iLok License Manager**) for validation and license deposit to your iLok account. If you do not yet have a **FREE iLok Account**, you may create one at ilok.com, and download the required **iLok License Manager** application.

* If you miss this step, you may return to the '**Order Status**' page from the link provided in your order receipt email.

Once done, you may proceed to launch the **iLok License Manager** application on your system, login with the **iLok ID** for your account (and that you used for the deposit process above), select the '**All Licenses**' tab, select the license and right-click and active to your desired location.

System Requirements & Compatibility:

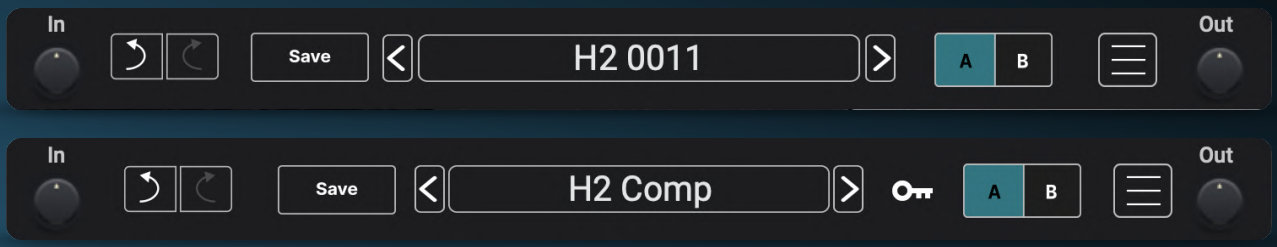
- macOS 10.14 or above
- Windows 7 or above
- An Intel or M-Series processor
- 16 GB RAM or above (recommended)
- Internet Access for download, authorization and intermittent validation request
- A compatible Host or DAW for plugin format use

* This plugin supports **iLok Cloud**, **iLok 2** or **iLok 3** (generation) keys, and **Machine** activation.

Installation contains **64-Bit** versions of applicable plugin formats – **VST3**, **AU**, **AAX** – for the aforementioned **macOS** and **Windows** platforms.

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Top Bar

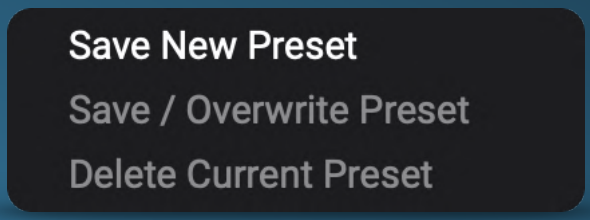


Undo/Redo:

- Select to Undo or Redo your last performed action/parameter value change.

Save Menu:

- Click to view the save menu options — **Save New Preset**, **Save / Overwrite Preset**, and **Delete Current Preset**.



Save New Preset

- Click to open the Save dialog window, allowing you to — create a preset bank or save to one already created by selecting from the drop-down menu, and enter a preset name.

- Click the '**Save**' button to save the preset to your **User Presets** folder, or '**Cancel**' to exit.



Save / Overwrite Preset

- If you make a modification to a loaded User preset, this option will appear and allow you to '**Save / Overwrite**' your preset on disk.

Delete Current Preset

- Deletes the currently loaded preset from your User Presets folder.

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* The preset will remain loaded so you may further edit and resave as desired. If you do not save a new preset and close and recall your session, a temporary preset will be automatically generated to recall your settings, and you may then save as needed.

Sidechain Key

- (where applicable) Enables/Disables key input for the sidechain detector circuit.

Preset Manager:

The '**Preset Manager**' displays your current selected preset and navigation arrows for quick load (next/previous).

You may click the preset name to open its corresponding drop-down menu to show **Factory**, **Collaborator**, **Team** and **User** saved presets and options.

At the very bottom of the presets list you will see the following options…

Import Preset

- Click to open **Finder** (**macOS**) or **Explorer** (**Windows**). From here you may navigate your system and select an available/shared preset file to '**Import Presets**' into your **User Presets** folder.

Refresh Presets

- Click to '**Refresh Presets**'. If you have imported user shared presets, be sure to click this option to update the preset listing.

Reload Current Preset

- Click to '**Reload**' the currently selected preset and, recall its saved state parameter settings.

Open Presets Folder

- Opens your **Finder** (**macOS**) or **Explorer** (**Windows**) window, to view and organize your User presets and folders. Should you may and changes, click the 'Refresh Presets' option to update the preset listing.

A/B Preset

- Select between A/B buttons to load a preset, adjust and quickly audition between two sets of parameter value settings. You may also copy your settings between each A or B with a right-click mouse action.

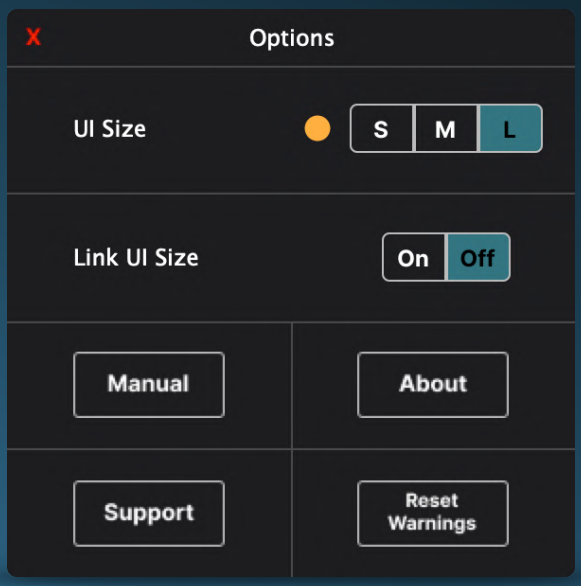
Note;

KIT Plugins Factory Presets have been designed as general starting points for the noted instruments and applications, based on a pre-input signal level of -18 dBFS (transient peak). Settings reflect the intended processing effect and the source material used by the preset designer. For consistency, Input Trim and Output Trim are set to 0 dB.

Where Master Bus is engaged, the Output Fader has been set to provide the intended drive into the modelled console output stage. Its position is an integral part of the preset's processing and tonal character, rather than simply a means of adjusting the final output level. For any subsequent level adjustment or make-up gain, the Output Trim provides up to +36 dB of clean output gain, allowing you to raise the final signal level or match it to bypass without changing the drive into the Master Bus.

Options Menu:

The ‘**Options Menu**’ (clicking the **Menu** button in the Top Bar) opens the window panel display to view and set global preferences — **UI Size**, **Link UI Size**, view the **Manual**, **About**, **Contact Support**, **Reset Warnings**.



UI Size

- Select a preset ‘**UI Size**’ for the plugin. Custom sizing may be set by clicking and dragging the bottom right-hand corner of the interface, and you may set a fixed default size for new instance clicking the colored radio button.

Link UI Size

- Turn on to link all instances and set their UI Size the same. Note; this option links same plugin formats only (i.e AAX with AAX, VST3 with VST3, etc).

Manual

- Opens the (“this”) User Guide in your default PDF viewer/application.

About

- Click to view the about information for the plugin.

Support

- Click to contact customer support. Your default mail application will open to send a new email to our support team.

Reset Warnings

- Click to reset warning dialog windows if you have suppressed them to not show again.

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H2 0011 — Controls



Input & Output Trim

- Input and Output controls housed in the topbar provide ±36 dB clean gain staging; allowing for precise control and optimal gain structure in and out of the plugin.

Pre

- Provides 25-75 dB gain, driving saturation via the modelled Lustraphone M10 input transformer.

EQ Section

- LF — (60, 100, 200, 300Hz, +10 dB boost), or Variable 50Hz high-pass filter
- MF — (0.7–6kHz, ±10 dB boost/cut — peak or trough selectable)
- HF — (fixed 10kHz, ±10 dB boost/cut)

HPF

- 0-80Hz high pass filter.

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EQ Cut

- Disables/Enables the EQ Section; the Preamp remains engaged.

Phase

- Flips the polarity of the signal.

Metering

- Input, Master Bus, Output.

Fader

- Changes the fader cap colour (Black, Blue, Green, Red, White).

Master Bus

- Engages the Master Bus, passing the post-fader signal through the modelled output stage of the Neve® 8058 console at Blackbird Studios.

Output Fader

- Sets the final output level (pre- Output Trim), and drives signal through the Master Bus when engaged.

Analog Hum

- Adds analog-style noise and hum to the output.

Hum Level

- Sets the level of the noise and hum.

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H2 Comp — Controls



Input & Output Trim

- Input and Output controls housed in the topbar provide ±36 dB clean gain staging; allowing for precise control and optimal gain structure in and out of the plugin.

Gain Reduction Meter

- Displays the amount of gain reduction applied through compression/limiting.

Operational Mode: (‘V’ button On/Off)

- **Modern** (Off) — Aligns internal gain staging to modern digital standards, preventing over compression.
- **Vintage** (On) — Calibrates internal headroom to historic analog standards, requiring traditional, lower console gain staging.

Attack

- Sets the Attack time (.25, .5, 1, 2.5, 10, 25 ms).

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Release

- Sets the Release time (.025, .05, .1, .2, .4, .8, 1.6, 3.2 Sec, and A “Auto”).

Ratio

- Sets the Ratio at which compression occurs above the threshold.

 The unique, original British numbering system on the H760’s ratio control dial reads as fractional pairs (30:15, 24:8, 20:10, 15:5, 15:3 and 10:1). In standard modern ratios, these translate roughly to:

- 2:1 (via 30:15 and 20:10)
- 3:1 (via 24:8 and 15:5)
- 5:1 (15:3), and
- 10:1

PK Limit (with LED indication)

- Sets the level where the Limiter catches peaks.

Comp In & Out

- Sets the input and make-up gain for the compressor.

Limit Mode

- **Lim** — Engages the Limiter
- **Comp + Lim** — Engages both Compressor and Limiter
- **Comp** — Engages the Compressor
- **Pre-Emph** (available for Lim or Comp + Lim only) — Applies a subtle LF cut and High-Shelf boost to the Limiter's detection circuit

SC Filter

- Filters low frequencies from the Compressor's detection circuit.

Metering

- Input, Master Bus, Output.

Fader

- Changes the fader cap colour (Black, Blue, Green, Red, White).

Master Bus

- Engages the Master Bus, passing the post-fader signal through the modelled output stage of the Neve® 8058 console at Blackbird Studios.

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Output Fader

- Sets the final output level (pre- Output Trim), and drives signal through the Master Bus when engaged.

Analog Hum

- Adds analog-style noise and hum to the output.

Hum Level

- Sets the level of the noise and hum.

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Functional Commands

Reset Parameters / Controls

- **Mac:** Option + Click
- **Windows:** Alt + Click

Fine Control

- Hold Shift and drag the functional control.

Manual Value Entry

- Double-click an applicable control and enter a numerical value.

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Credits

Development:

- Syntra Research

Conceptual Design:

- H2 Audio
- Syntra Research
- KIT Plugins

Team Management:

- Jim Collet (KIT Plugins President)

QC / Beta Management / Preset Designer:

- Ashley Smith

Marketing:

- Taven Romesser

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