



Auto-Tune 8.1.2 VST PC Notes

Thank you for purchasing or evaluating Auto-Tune 8.1 VST for PC. While the Owner's Manual contains all the platform-independent information you'll need to get the full benefit of Auto-Tune 8.1 (and we really encourage you to read it), this file includes specific installation and use issues unique to the VST PC version.

ANNOUNCING AUTO-TUNE 8.1

Auto-Tune 8.1 contains improvements to the timing of the Graph Mode data, fixing long-standing issues with that data, especially at higher sample rates and in longer songs. We think you will appreciate the ability to more accurately track and correct your audio using this new software!

INSTALLATION

The Auto-Tune 8.1 VST installer will automatically install the plug-in in the standard VST3 plug-in folder(s). On 32-bit systems, and for the 64-bit version of the plug-in, this is in Program Files/Common Files/VST3. For the 32-bit plug-in on a 64-bit system, this is in Program Files (x86)/Common Files/VST3.

All documentation files will be installed in Program Files/Antares Audio Technologies/Auto-Tune 8.1 VST on a 32-bit system, or Program Files (x86)/Antares Audio Technologies/Auto-Tune 8.1 VST on a 64-bit system.

AUTHORIZATION

Authorization is the process by which this software is allowed to run on your computer. Detailed instructions covering the available authorization options will be found in the file "Authorization Read Me" which is included on the installation CD ROM or with your software download.

NOTE: You will not be able to launch Auto-Tune 8.1 until you have completed the authorization process and downloaded your authorization to your iLok smart key.

VERY IMPORTANT NOTE

For those upgrading from older versions of Auto-Tune, it is critical to note the following:

Auto-Tune 8.1 will NOT open sessions created with ANY previous versions of Auto-Tune. Improvements to the timing of the Graph Mode data make that

data incompatible with the data from any earlier versions, including previous Auto-Tune 8 versions (whose version number starts with 8.0).

For that reason, we have configured Auto-Tune 8.1 such that it and Auto-Tune 8 and any existing version of Auto-Tune can be active in your audio host simultaneously (provided that version is compatible with your audio host). The new software will be found under its new name, "Auto-Tune 8.1".

You can begin using Auto-Tune 8.1 for all your new sessions, while at the same time continuing to use your old sessions with the old software (including versions of Auto-Tune 8 prior to 8.1).

Alternatively, you can use whatever method your host offers (bouncing, offline editing, etc.) to permanently render the corrected tracks of your old sessions (using the old software), and then use Auto-Tune 8.1 for any future edits.

DO NOT CHANGE THE LATENCY SETTING WHILE THE TRANSPORT IS RUNNING

Seriously. Don't do it.

SUPPORTED VST HOSTS

While we have tested Auto-Tune 8.1 with most major VST hosts, given the huge variety of available hosts, we cannot guarantee that Auto-Tune 8.1 will function properly in every one. For the current list of supported hosts, consult our online Host Compatibility guide at:

<http://www.antarestech.com/support/host-daw-compatibility.php>

NOTE OBJECT PITCH PREVIEW IN CUBASE

In order to hear pitch previews when moving Note Objects in Cubase, you must uncheck the Preference option, "Disable VST3 plugins when no audio present." This option is checked by default, so you will not hear previews until you manually disable it.

GRAPH MODE SYNC IN SONAR X3

In Sonar X3, changing the playback location while the transport is playing will cause loss of sync in Graph Mode. To maintain sync, stop the transport, move to the desired location, and put the transport back into play.

GRAPH MODE POSITION INDICATOR SYNC

In some hosts, the audio playback will lag slightly behind the graphical position indicator. This is an artifact of some host and/or hardware combinations and is out of our control. It is a cosmetic issue only.

MODIFIER KEYS

The following modifier keys are active in Auto-Tune 8.1 in various VST hosts:

Shift - Toggles Snap-To-Note state in Graph Mode. Toggles Momentary state in Automatic Mode

Control - Allows free movement of correction curves in Graph Mode. Toggles Magnifying Glass function (+/-) in Graph Mode

1 - 0 - Graph Mode function selection (QWERTY keys only)

Control - Cut, Copy, Paste, Undo and Redo

CHANGES FOR VERSION 8.0.4

The following changes were made for version 8.0.4:

- Fixed a potential crash observed sometimes when closing the audio host.
- Fixed the names of certain notes in the E Major and B Major scale on the Graph Mode keyboard.
- Fixed the hiding of the envelope in the main graph when Show Lanes is selected.
- Fixed an issue where the default window size was not being retained.
- Fixed the Update Checker so that it correctly recognizes new update versions.

CHANGES FOR VERSION 8.0.5

The following change was made for version 8.0.5:

- Fixed the version number used to check for updates so that you will not keep getting update notifications when you have already updated your software.

CHANGES FOR VERSION 8.0.6

The following changes were made for version 8.0.6:

- Improved the processing of certain types of audio, especially with certain higher-pitched instruments.
- Fixed a potential time-stretching problem at higher sample rates.
- Fixed a problem at higher sample rates with the notes generated when dragging an existing Note Object in Graph Mode.
- Fixed dragging of correction objects to prevent minor changes in their horizontal (time) position when attempting to alter only their vertical (pitch) position.
- Added a checkbox in the Options dialog to allow turning off/on automatic update checks, along with a button to check for updates immediately.

NOTE REGARDING USE FORMANTS SETTING

In making the fix in version 8.0.6 for certain types of audio, a change was made in how the Use Formants setting is implemented. This will result in audio glitches if you change the setting during playback while processing audible audio. To avoid such glitches, you should always change this setting either when the transport is not running, or during silent moments of the audio.

CHANGES FOR VERSION 8.1.0 (AUTO-TUNE 8.1)

The following changes were made for version 8.1.0:

- Fixed several issues in the placement in time of Graph Mode data, especially at sample rates other than 44.1K (or its multiples), as well as when tracking pitch starting at different locations in the timeline.
- Fixed a delay problem when applying time changes.
- Fixed a problem where certain parameters would not be properly restored when loading sessions that were saved while in Graph Mode.
- Fixed an issue where the new check box for automatically checking for updates would not retain its value.
- When completing a tracking operation in Graph Mode, the graph will now only zoom to the newly tracked data if the Auto Scroll button is turned on.

CHANGES FOR VERSION 8.1.1

The following changes were made for version 8.1.1:

- Fixed an issue where the Graph Mode keyboard would not refresh the labels on its keys when changing the Key or Scale until the graph was scrolled (or otherwise redrawn).
- Fixed a memory “leak” in the graphical correction objects.
- Fixed a bug that could sometimes lead to a crash when generating or drawing new curves on top of existing curves.

CHANGES FOR VERSION 8.1.2

The following changes were made for version 8.1.2:

- Fixed an issue with using the Bass Instrument setting where some audio data could cause a crash.
- Modified the Show Lanes button so that it disables when not using Major, Minor or Chromatic scales.
- Disabled Auto-Tune’s “Key Bindings” (i.e., hot keys) whenever the mouse is being tracked using a Graph Tool or when adjusting the Number of Note Objects, Retune Speed, Adjust Vibrato or Throat Length Adjust knob in Graph Mode.