Antares

WARM

USER GUIDE

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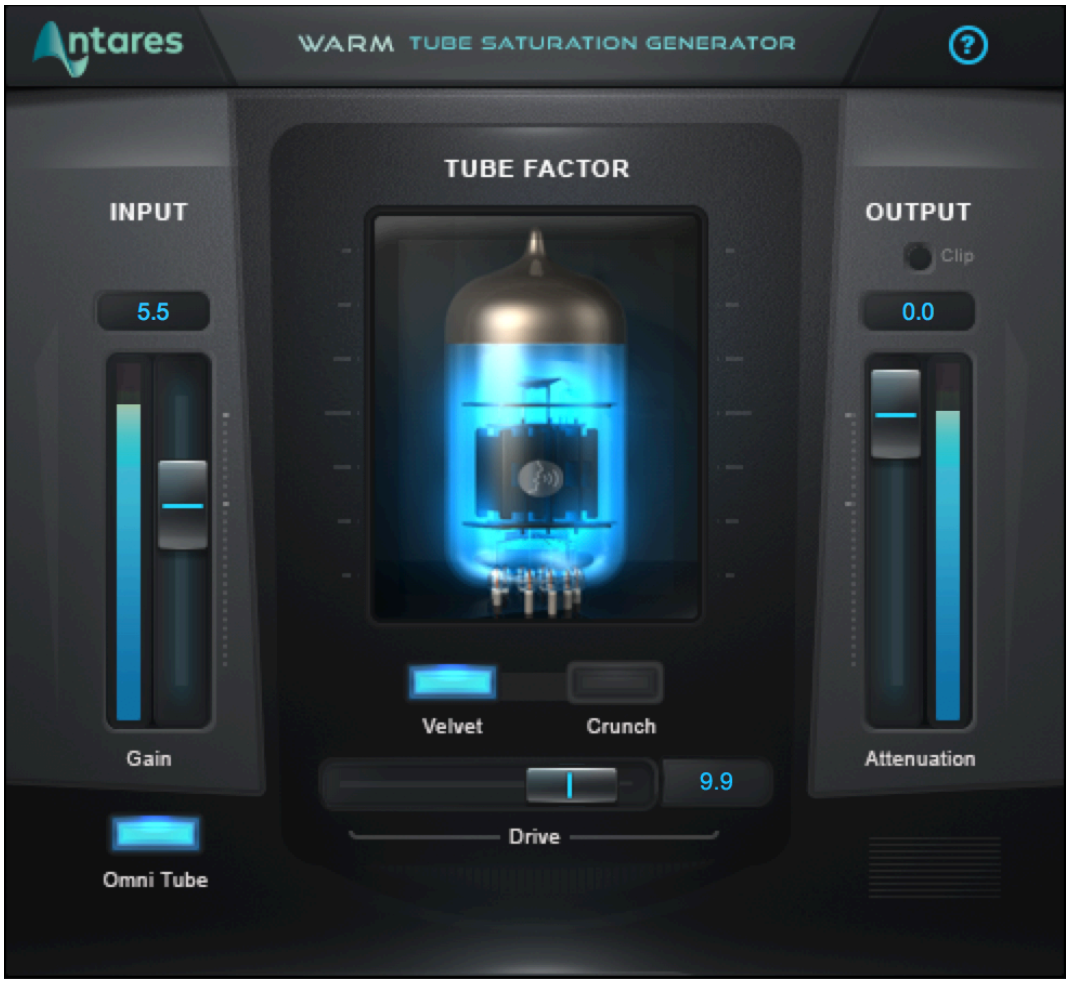
Introducing Warm



Nothing warms up a track like a high quality analog tube preamp. With **Warm**, you can add that tube warmth to every track in your mix, with two different models of vintage analog tube saturation.

The Velvet model gives you the subtle effects of classic tube saturation, and the Crunch model gives you the deep, warm distortion of an overdriven tube amplifier.

The unique Omni Tube feature lets you apply tube saturation to the entire signal, instead of just the transients, as is typically the case with a tube preamp.

And since Warm is extremely DSP efficient, you can use it on an almost unlimited number of tracks simultaneously.

Quick Start – License Activation

Activation Instructions

Before we can use Warm, we need to activate our license first using the Auto-Tune Central application. Please follow the steps below, or watch our instructional video to get started:

Step 1: Install Auto-Tune Central

Auto-Tune Central is Antares' download manager, where you can install your plug-ins and manage their activations. If you don't have it installed on your computer yet, visit our website here to download the latest installer. After downloading, run the installer.

After installation is complete, you can find Auto-Tune Central in your computer's applications folder:

MacOS
/Applications

Windows
C:\Program Files\Antares Audio Technologies

Step 2: Open Auto-Tune Central and Log In

On the login screen in Auto-Tune Central, enter the email address and password for your Antares account.

If you purchased your plug-in license directly from our website (antarestech.com), navigate to the Plug-Ins tab to install and manage your license activations.

If your purchase was made through a third party, please follow the instructions in Step 3. Otherwise, skip to Step 4.

Step 3: Navigate to the Redeem a License Tab

In the top banner of Auto-Tune Central, select "Redeem a License." Enter your 25-digit registration code, then click **Redeem and Activate**.

Step 4. Install Your Plug-In

Click the blue **Install** button next to your license. If you have an Auto-Tune Unlimited subscription or similar plug-in bundle, you can install all of the included plug-ins with one click using the Install All button.

***Note**: If an update is available for your plug-in, the blue Install button will be replaced with a yellow **Update** button. Click the **Update** button to install the latest version of your plug-in.*

Step 5. Activate Your License

Click the blue **Activate** button. Each license can be activated on up to two locations simultaneously. You may activate your license onto a computer, a physical iLok dongle, or a combination of the two options.

See this FAQ page for more information on iLok license management.

After activating your license, you're ready to use your Antares plug-in(s) in your DAW!

Step 6: Open Warm In Your DAW

Below, you'll find instructions on how to insert Warm onto a track in various compatible DAWs:

Pro Tools

Choose an empty insert slot on one of your audio tracks, instrument tracks, or buses. Then select Warm from the pop-up menu in the “Pitch Shift” and “Effect” Categories, as well as the Antares Manufacturer list.

Logic Pro

Choose an empty insert slot on one of your audio tracks, instrument tracks or buses and select Warm from the pop-up menu. You will find Warm in:
Audio Units > Antares section (named Warm).

Ableton Live

In either Session or Arrangement View, select the track you would like to place Warm on by clicking the track name.

At the top left of Ableton's interface, click on the Plug-in Device Browser icon. From the plug-ins list, double-click Warm, or drag it onto the track.

Cubase

Choose an empty insert slot, for example in the Mixer, and select Warm from the menu that appears.

Studio One

Click the '+' button next to the Inserts tab of an audio track, and select 'Warm' from the drop-down menu. Alternatively, drag and drop the plug-in from the Antares Effects folder.

Reaper

Click the ‘FX’ button next to the track name of an audio track, and select ‘Warm’ from the EQ or Dynamics category.

Digital Performer

In the Digital Performer Mixing Board, click an empty insert slot to open the Insert Effects list. Select Warm from the list, or use the search bar to locate it quickly.

Getting Started With Warm

Follow these steps to get started with Warm

Choose a Tube Model

Select a tube model using the Tube Selector control.

The **Velvet** mode gives you the subtle effects of classic tube saturation.The **Crunch** model gives you the deep, warm distortion of an overdriven tube amplifier.

Adjust the Gain and Drive Settings

Set Input Gain so that the input level is near the top of the Level Meter during the louder parts of your track, without clipping.

Adjust the Drive control for the desired amount of tube saturation effect. If needed, lower the output level with the Output Attenuation control to avoid clipping.

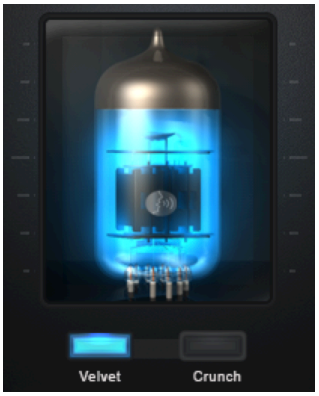
Try Omni Tube

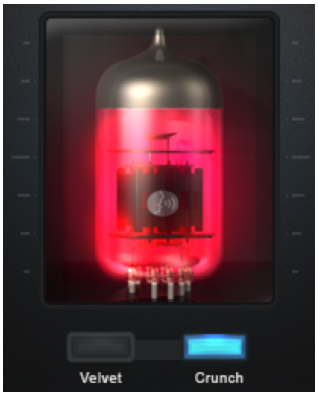
Omni Tube lets you apply tube saturation to the entire audio signal, instead of just the transients, as is typically the case with a tube preamp.

Try turning it on to apply tube saturation equally to your entire audio signal, including the quieter portions.

Controls

Tube Selector





The **Tube Selector** controls lets you choose between the two different models of vintage analog tube saturation.

The **Velvet** model (blue) gives you the subtle effects of classic tube saturation.

The **Crunch** model (red) gives you the deep, warm distortion of an overdriven tube amplifier.

Input Gain and Level Meter

Input Level Meter
The Input Level Meter shows the level of your audio after gain adjustment by the Input Gain control, but before tube saturation is applied.

Input Gain
The Input Gain control applies gain to the audio before it's passed to the tube model. It helps also determine the amount of tube saturation applied to the audio, in combination with the **Drive** and **Omni Tube** settings.

To engage tube saturation and avoid digital clipping, set the Input Gain so that the input level is near the top of the Level Meter during the louder parts of your track, without clipping.

Omni Tube

Omni Tube lets you apply tube saturation to the entire audio signal, instead of just the transients, as is typically the case with a tube preamp.

When Omni Tube is off, Warm functions just like a real tube preamp, applying audible saturation only during louder parts of the audio signal (when the input level is near the top of the **Level Meter**).

When Omni Tube is on, tube saturation is applied to the entire signal, including the quieter portions.

To accomplish this, when OmniTube is on, a compressor is inserted into the signal path after the Input Gain control and before the tube model. After the tube effect is applied to the entire signal, an inverse gain function restores the signal's original dynamics.

Drive

Drive controls the amount of tube saturation applied to your audio, in combination with the **Input Gain** and **Omni Tube** controls.

For best results, set the **Input Gain** so that the input level is near the top of the **Level Meter** during the louder parts of your track, without ever reaching the very top.

Then adjust the **Tube Saturation** control to taste, and reduce the **Output Level** as needed to avoid clipping.

Output Attenuation and Level Meter

Output Level Meter
The Output Level Meter shows the output level of your audio, after passing through the Input Gain control, tube model, and Output Attenuation control.

Output Attenuation
The Output Attenuation control gives you a final stage of gain adjustment after applying tube saturation. Start with a setting of 0dB, and then reduce the level as needed to avoid clipping.

Clip Indicator
The clip indicator light gives you a visual indication when your output audio exceeds the threshold of digital clipping. If it lights up, lower the Output Attenuation control.