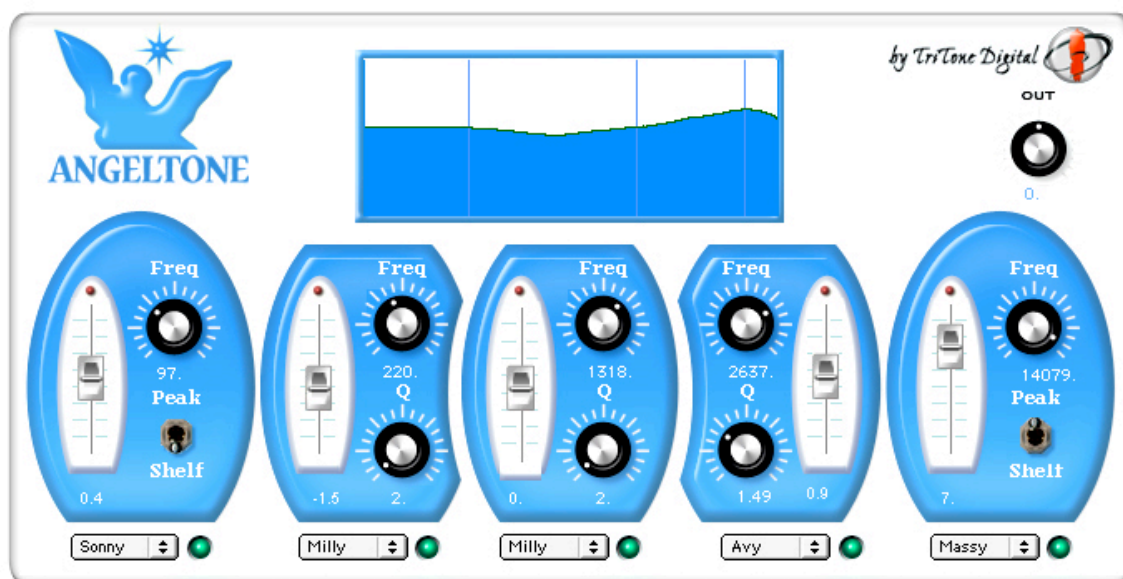




# TRITONE DIGITAL



## AngelTone User's Manual

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# Welcome to the Land of Tone!



Congratulations on your purchase (or free download) of a great new TriTone Digital plugin!

This document contains all the information you need to get up and running, and for you to understand the features and capabilities of your new plugin.

On a more personal note, we warmly invite you to join our user forum. There, we provide additional support, take suggestions for enhancements to our products, and provide our users with sneak-peaks and beta testing opportunities.

The forum can be found at: [www.tritonedigital.com/forum/index.php](http://www.tritonedigital.com/forum/index.php)

We hope you will enjoy your new plugin and, as always, please do not hesitate to contact us with any questions or just to say hello!

Warmest regards,

*Damon & Salvator  
Co-Founders  
Tritone Digital*

# AngelTone Overview



AngelTone is a digital mastering EQ that utilizes state-of-the-art modeling to combine analog mastering EQ sweetness with digital precision and recall.

AngelTone features five bands. Three bands are capable of full-range parametric operation. The two extreme bands feature both full-range peaking and shelving EQ modes. All parametric and peaking bands have access to the entire range of EQ frequencies available in AngelTone, allowing for unprecedented sculpting and precision.

AngelTone, like its mix-oriented brother HydraTone, allows for band-by-band selection of EQ algorithms.

This unique TriTone Digital concept allows you to use, for example, the color and charm of the "Massy" on the top end and the strength and heft of a "Sonny" on the bottom.

AngelTone features four classic EQ models. These algorithms are derived from the very best analog EQs used in mastering studios the world over.

"Milky" is a sweet but precise tube EQ. "Sonny" is based on one of the oldest parametric EQ designs and has a tight solid-state low end that mastering engineers adore. "Avy" is based on solid-state EQ favored for its clarity and openness. "Massy" is based on a modern beast of a tube EQ that is noted for its sweet sound and broad curves.

We have made every effort to preserve the unique character of each EQ model. All of the sweetness, character and idiosyncrasies that we love about these analog EQs are now finally available in the digital world!

# AngelTone System Requirements



AngelTone requires the following minimum system configuration:

- Mac OSX 10.3.9 (Windows is not supported at this time)
- G5 2 GHz or faster recommended
- Up to 32 bit/96 kHz operation
- VST, RTAS and AU support via free Pluggo extensions (see the Installation Instructions section of this manual)
- AngelTone requires ProTools 7 or higher for RTAS use
- Pluggo 3.6.1 or higher
- 



**Windows is not supported at this time.**



**IMPORTANT: PLUGGO & MAX/MSP OWNERS: Please email us at [support@tritonedigital.com](mailto:support@tritonedigital.com) with your configuration to ensure compatibility.**

# Installation Instructions



**IMPORTANT: Before installing our products, you must first download and install Pluggo Runtime (a free download).**

Pluggo Runtime is a free set of extensions that allows our plugins to work with VST, RTAS and AU-capable audio programs.

To obtain the correct version of Pluggo Runtime for use with ColorTone, please use the link below:

Mac: <http://www.cycling74.com/download/pluggoruntime361.dmg>

Please install Pluggo Runtime before installing our plugins.


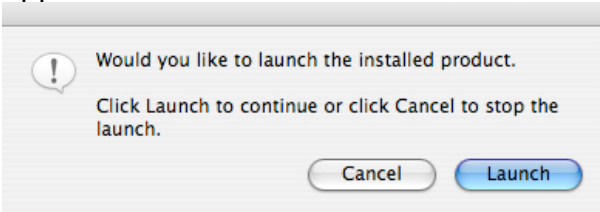



**IMPORTANT: PLUGGO & MAX/MSP OWNERS: Please email us at [support@tritonedigital.com](mailto:support@tritonedigital.com) with your configuration to ensure compatibility.**

## Mac installation (VST, RTAS & AU)



Once Pluggo Runtime is installed, the following steps will install your new TriTone Digital plugin on your system:

|               |   |
|---------------|---|
| <b>Step 1</b> | Launch the TriTone Digital plugin installer.  |
| <b>Step 2</b> | <p>Enter your Mac OSX Admin Password.</p>   |
| <b>Step 3</b> | Follow the on-screen instructions, click "Continue", read and agree to the License Agreement, and then click "Install".   |
| <b>Step 4</b> | <p>At the end of the installation process, a pop-up window will appear.</p>  <p>Click "Launch". This will launch the <a href="#">Pluggo AudioUnit Scan</a> application. This brief application scans for new Pluggo-based plugins (like ours) and updates the list in the Pluggo AU plugin.</p> <p> <b>Tip!</b> Whenever you add/remove a Pluggo plugin, re-run the <a href="#">Pluggo AudioUnit Scan</a> application, located inside your Applications folder.</p> |
| <b>Step 5</b> | Installation is now complete!   |



*Tip! If your system cannot find our plugins, you may need to manually refresh your audio application's plugin cache (the list of plugins your audio application is aware of); either through your software or by deleting the plugin cache yourself. Please see your audio applications manual for instructions on how to do this.*

# Authorizing Your Plugin



After installing your plugin, it's time to authorize it so you can get to work!

Our plugins are protected by an embedded proprietary authorization system, designed by TriTone Digital, which links your installer and instance of your plugin directly to your purchase & account information. Please keep your serial number private and safe!

With this system, it's easy to authorize your plugins. Just follow the steps below:

|                |  |
|----------------|--|
| <b>Step 1</b>  | Launch your favorite audio application.  |
| <b>Step 2</b>  | Insert your new TriTone Digital Plugin on a track.   |
| <b>Step 3</b>  | From the plugin interface, click on the button labeled "Enter Serial".   |
| <b>Step 4</b>  | A pop-up window will appear, allowing you to enter the serial number you were given by email after your purchase.  |
| <b>Step 5</b>  | Type in your serial number.  |
| <b>Step 6</b>  | If you have issues typing in the serial number, or if the entry box does not appear (a known issue in some applications) you can alternately follow Steps 7-9 below.                       |
| <b>Step 7</b>  | Type your serial number into a text document using your favorite text-editing program (ex: <i>TextEdit</i> on Mac). Save this as a .txt text file. Files MUST be plain text not rich text. |
| <b>Step 8</b>  | From the plugin interface, click on the button labeled "Load Serial File". A file dialog box will appear.  |
| <b>Step 9</b>  | Select the text file you created in Step 7.  |
| <b>Step 10</b> | Restart your audio application and you are now authorized!   |



*Tip 1: If the "Enter Serial" and "Load Serial File" buttons do not automatically appear, try clicking on the TriTone Digital logo.*

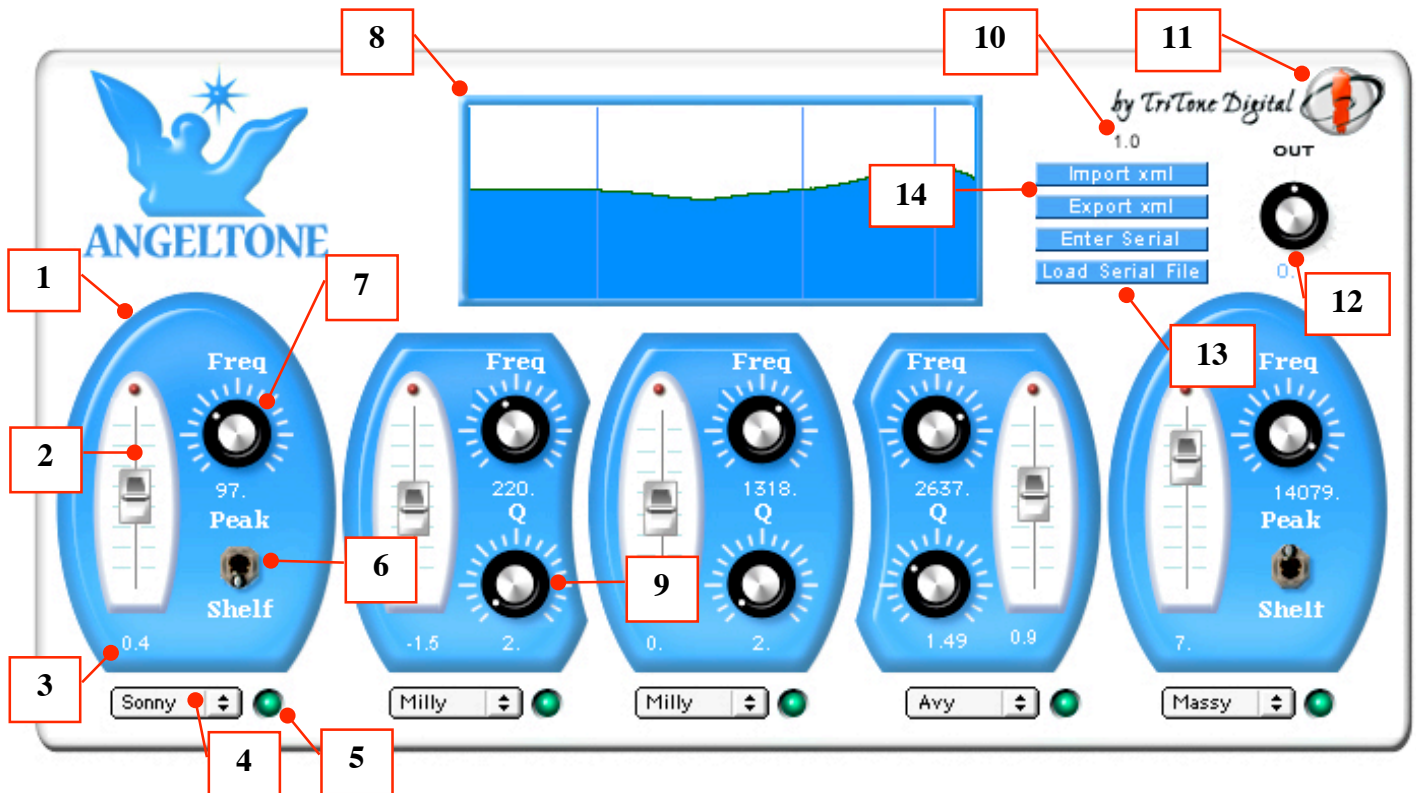
*Tip 2: Keep your serial number somewhere safe! You may need it*






*again if you decide (for example) to re-format your hard drive or to perform a clean reinstall of your OS.*

# AngelTone Features



|          |                       |  |
|----------|-----------------------|--|
| <b>1</b> | <b>Bands</b>          | Five independent bands. The three middle bands are capable of full-range parametric operation. The two extreme bands may be switched between peaking and shelving using the Band mode switch (6).  |
| <b>2</b> | <b>Gain fader</b>     | Adjusts the gain between -12 dB and +12 dB.  |
| <b>3</b> | <b>Value</b>          | Displays the numeric value for the current position of the associated control. Clicking resets the corresponding control to its default value.   |
| <b>4</b> | <b>Model selector</b> | <p>Selects the model for the given band.</p> <ul style="list-style-type: none"> <li>• "Milly" is a sweet but precise tube EQ.</li> <li>• "Sonny" is based on one of the oldest parametric EQ designs and has a tight solid-state low end that mastering engineers adore.</li> <li>• "Avy" is based on solid-state EQ favored for its clarity and openness.</li> <li>• "Massy" is based on a modern beast of a tube EQ noted for it's sweet sound. Massy's curves are gentle and the gain curve varies with the Q setting.</li> </ul> |



|           |                            |  |
|-----------|----------------------------|--|
| <b>5</b>  | <b>Band bypass</b>         | Band bypass switch/indicator. Green is active and black is bypassed.   |
| <b>6</b>  | <b>Band mode</b>           | Switches the corresponding extreme band between shelving and peaking modes.  |
| <b>7</b>  | <b>Frequency knob</b>      | <p>Adjusts the center or turnover frequency for the given band. All parametric / peaking models are capable of the full-range of frequencies.</p> <p>The shelving models provide the individual turnover frequencies present in the real-world EQs they recreate.</p> <p> <b>Tip!</b> With the "Sonny" model, the shelf's turnover frequency is variable over quite a wide range.</p> |
| <b>8</b>  | <b>Frequency graph</b>     | Displays the current frequency curve using FFT analysis.   |
| <b>9</b>  | <b>Q</b>                   | Adjusts the Q of the given parametric band.  |
| <b>10</b> | <b>Versioning</b>          | The version number for your copy of the plugin.  |
| <b>11</b> | <b>TriTone logo</b>        | Clicking shows/hides the authorization & XML panels (13 & 14).   |
| <b>12</b> | <b>Output</b>              | Controls the main output level.  |
| <b>13</b> | <b>Authorization panel</b> | <p>"Enter Serial" &amp; "Load Serial File" buttons. Please see the "Authorizing Your Plugin" section of this manual for more details.</p> <p><i>NOTE: This section disappears once the plugin is authorized.</i></p>   |
| <b>14</b> | <b>XML panel</b>           | <p>"Export XML" and "Import XML" buttons. Allows the current state of the plugin's parameters to be saved to an external XML file or a saved-state to be recalled by loading a previously saved XML file.</p> <p><i>NOTE: This section disappears once the plugin is authorized.</i></p>   |

# AngelTone Version History



## **Version 1.0**

(current Mac version)

- Initial release.

# Support



If you have any issues with your new plugin, please first re-read this manual, paying particular attention to the sections on System Requirements, Installation Instructions and Features. Please also note any sections of the document indicated by these symbols.



Tips



Warnings

Also consider visiting our user forum at:

[www.tritonedigital.com/forum/index.php](http://www.tritonedigital.com/forum/index.php)

We often interact directly with our users on this forum to solve their issues. By searching the forum you may find your issue has already been solved!

If these tips do not solve your issues, then please don't hesitate to contact us at [support@tritonedigital.com](mailto:support@tritonedigital.com).