



TRITONE DIGITAL



ValveTone '62 User's Manual

Table of Contents



Welcome to the Land of Tone!	1
ValveTone '62 Overview	2
ValveTone '62 System Requirements	3
Installation	4
Authorizing Your Plugin.....	5
ValveTone '62 Features	6
ValveTone '62 Version History	8
Support.....	10

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

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*

ValveTone '62 Overview



ValveTone '62 is a unique, vibe-laden plugin that pays tribute to the EQs of yesterday; it's all about silky highs and incredibly thick tone.

Deceptively simple BASS and TREBLE controls provide boost and cut algorithms that are both complex and pleasing.

ValveTone '62 is modeled after the EQ circuit found in a rare, hand-wired, all-tube, mono mixer built in the 1960's. This EQ circuit uses a classic negative-feedback design and provides smooth and complex boosts and cuts few other EQs could manage.

The DRIVE control provides you with four completely unique EQ curves: "Toasty 1" and "Toasty 2", which provides warm, velvet-smooth EQ, and "Smokin 1" and "Smokin 2", which are more driven, colored and over-the-top.

So, don't expect some well-behaved Linear Phase EQ: ValveTone '62 is all about character and TONE!

Just turn the knobs and you'll see what we mean.

ValveTone '62 System Requirements




ValveTone '62 requires the following minimum system configuration:

- Mac OSX 10.4 or later
- 2 GHz / or faster processor recommended
- Up to 32 bit/96 kHz operation
- ProTools 7 or higher for RTAS use

Installation



The following steps will install your new TriTone Digital plugin on your system:

Step 1	Launch the TriTone Digital plugin installer.
Step 2	Enter your Mac OSX Admin Password.  A screenshot of a Mac OS X 'Authenticate' dialog box. The title bar says 'Authenticate'. The main text reads 'TTD_ANGELTONE_Installer requires that you type your password.' To the left is a padlock icon. Below the text are two input fields: 'Name:' with 'osusername' entered, and 'Password:' with a series of dots. At the bottom left is a 'Details' link with a right-pointing arrow and a help icon. At the bottom right are 'Cancel' and 'OK' buttons.
Step 3	Follow the on-screen instructions, click "Continue", read and agree to the License Agreement, and then click "Install".
Step 4	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!

Just follow the steps below:

Step 1	Launch your favorite audio application.
Step 2	Insert your new TriTone Digital Plugin on a track.
Step 3	From the plugin interface, click on the button labeled "Authorize".
Step 4	Click on the button to copy your challenge phrase into your clipboard.
Step 5	Go to http://www.tritonedigital.com . Login to your account. Open the "Support" menu in the main menu area and select "Authorize Plugins". Fill in the form, pasting your challenge phrase into the correct field. Click to submit.
Step 6	We will email you back a response phrase within 48 business hours. Select this entire phrase and copy into your clipboard. Save this email somewhere safe.
Step 7	From the plugin interface, click on the button labeled "Authorize". Now select to paste this response.
Step 8	Restart your audio application and you are now authorized!

ValveTone '62 Features



1	Gain knob	Adjusts the gain for each band between -12dB and $+12\text{dB}$. The curves are broad, complex and interdependent. This EQ has been modeled exactly. 0dB Gain settings still provide color as the signal still passes through a tube and transformer rich signal path.
2	Band bypass	True bypass for each band. Down is bypass, up is active.
3	Drive	Provides four completely independent and unique EQ curves.



		<p>"Smokin" and "Toasty" are samples from the same EQ, but performed with different gain staging for more tube saturation: "Toasty" is less overdriven than "Smokin".</p> <p>Mode "1" is the true character of the original EQ as modeled, which features a bass drop during extreme treble boosts.</p> <p>Mode "2" is modified to lessen this bass drop for a more even sound when boosting the treble over 9 dB.</p>
4	Output	Controls the main output level.
5	Mono / Stereo switch	Allows manual control over the number of active channels to conserve CPU. This is only necessary on platforms that do not automatically lower the CPU usage when used on mono tracks. The Mono setting mutes the right channel.
6	Version Number	The version number for your copy of the plugin. Also indicated the authorization status of your plugin.
7	Setup A / Setup B Button	Toggle button to compare two plugin settings; A and B. Click to toggle between these settings.
8	A->B, B->A Buttons	Allows the copying of settings from Setup A to Setup B and vice versa.
9	Load XML Button	Load an XML file containing plugin settings saved using the Save XML button
10	Save XML Button	Saves an XML file of the current plugin's settings.
11	Authorize Button	<p>Click this button to show the authorization panel. See the <i>Authorizing Your Plugin</i> section of this manual for more details.</p> <p>Changes to show "Registered" when the plugin has been successfully authorized.</p>
12	Latency	Latency is 42 samples at all sample rates.

ValveTone '62 Version History



Version 2.0	<ul style="list-style-type: none">• Recoded for native VST, RTAS and AU support.• Pluggo no longer required.• 40% less CPU usage• Load x3 faster• XML preset export/import added• A/B comparison of settings added• Option-click to reset parameters to default• Lower latency (42 samples)• RTAS plugin recall does not work between version 2.0 and earlier versions.
Version 1.50	<ul style="list-style-type: none">• Intel-based Mac CPU optimizations.• Fixed Logic 8 authorization issues.
Version 1.44	<ul style="list-style-type: none">• Added serial number authorization.• Fixed Digital Performer graphical crash.
Version 1.40	<ul style="list-style-type: none">• Pluggo 3.6.1 required.• MacIntel / Universal Binary compatible.
Version 1.31	<ul style="list-style-type: none">• Modifications to the Windows version of our challenge-response system for greater stability.
Version 1.30	<ul style="list-style-type: none">• Better support for Pluggo 3.5.3.• Implementation of our proprietary challenge-response copy protection system for Windows.• Windows SSE CPU optimizations.• Support for sampling rates up to 96 kHz.• Clicking on the Tritone Digital logo displays the authorization fields.
Version 1.20	<ul style="list-style-type: none">• Fixed audio clicks at the beginning of the first crossed region for hosts that use dynamic CPU management.• Plugin Delay Compensation implemented.• Fixed an error when recalling output level settings.• Fixed an error that lost the mono setting when bypassing or recalling the plugin.• Fixed an error in the frequency response of "Smokin 2" (at 2 specific gain settings).• Improved GUI loading.• New EQ presets.• Version number is now is featured in the interface.
Version 1.10	<ul style="list-style-type: none">• Addition of two more EQ models (Mode "1" and "2").• Various bug fixes.
Version 1.0	<ul style="list-style-type: none">• 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

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.