



# Pre X7

(VST, AU, AAX)

produced by Luca Capozzi (Audiority), November 2018.

**Current Manual version: v1.0**

**Pre X7** is an analog modelled preamplifier based on an iconic vintage tube unit primarily designed for bass guitar and that we modified to make it working with several audio sources.

Both input and output 12AX7 tube models are calculated in real-time, bringing you all the subtle non-linearities that will make each instance of this plugin unique without phase issues. An high-pass filter followed by a Tone control lets you shape the input signal before the output tubes. Furthermore, we included a brickwall clipping limiter to help you retain the distortion on extreme settings.

Please, read carefully both product specifications and system requirements **before** purchasing any **Audiority** products.

# Pre X7

produced by Audiority, November 2018.

## Credits

Code & DSP: Luca Capozzi (Audiority Srls), November 2018.

GUI Design: Luca Capozzi

Copyright © 2018 – Audiority Srls – All rights reserved.

## Specifications

- Real-time 12AX7 tube models
- 4 steps Low Cut (pre or post input tube)
- Baxandall tone control
- Boost, Pad and Phase switches
- Brickwall clipping limiter

## System Requirements

### PC

- Windows 7 64bit or later
- Intel i5 or equivalent
- 2 GB RAM
- Screen resolution: 1024×768
- VST2, VST3, AAX 64-bit host

### MAC

- OSX 10.8 or later
- Intel i5 or equivalent
- 2 GB RAM
- Screen resolution: 1024×768
- VST2, VST3, AU, AAX 64-bit host

## File Locations

### Mac

All presets, license files and settings are located in:  
/Users/Shared/Audiority/

AAX and VST plugins will be placed in their own Audiority sub-folder located in:

AAX: /Library/Application Support/Avid/Audio/Plug-Ins/Audiority

VST: /Library/Audio/Plug-Ins/VST/Audiority

### PC

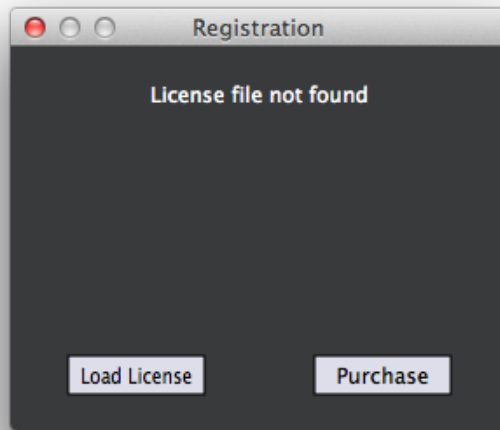
All presets, license files and settings are located to:  
C:\Users\Public\Public Documents\Audiority

AAX and VST plugins will be placed in their own Audiority sub-folder, usually located in:

AAX: C:\Program Files\Avid\Audio\Plug-Ins\Audiority

VST: {Your VST Path}\Audiority

## Product Activation



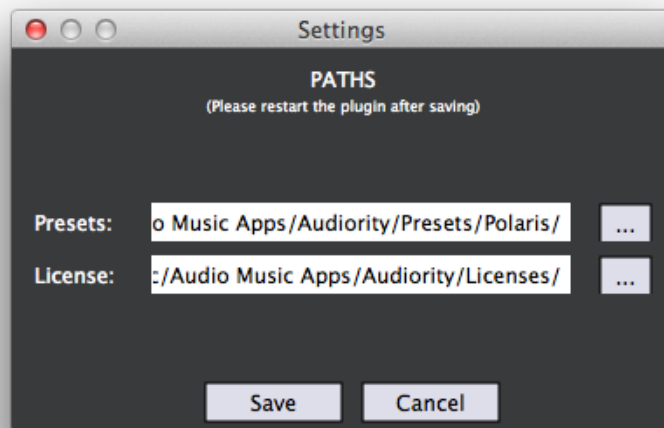
Once you install and open the plugin for the first time, it will be in **Demo Mode** until a license file is loaded. In Demo Mode the plugin will output 3 seconds of silence every minute.

Save the license file you got with your purchase email (or via our User Area) anywhere on your computer.

Then, to activate the plugin, click on the **Audiority** logo and select "**Register**". The Registration window will pop up allowing you to load the license file you got while purchasing the plugin.

---

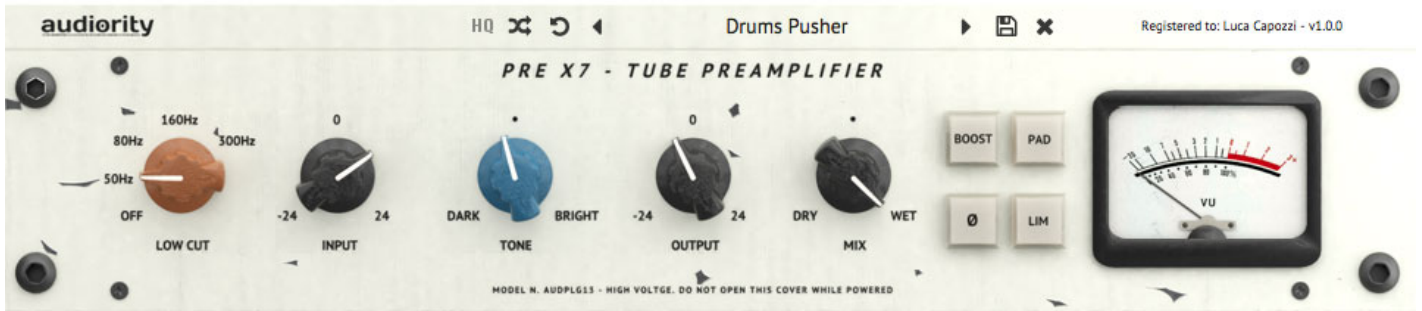
## User Paths Setting



By selecting "**Settings**" from the logo menu, you can change the path for **Presets** and **License** folders.

**Note:** Please do not move the **Settings** folder from its default location.

## Pre X7 - Parameters



<b>LOW CUT</b>	Filters the low frequencies of the incoming signal before the first tube gain stage. Right click this knob to move the filter AFTER the first tube gain stage.
<b>INPUT</b>	Adjusts the input signal going in the first tube stage by +/- 24dB. Right click this knob to make the OUTPUT knob automatically adjusting.
<b>TONE</b>	Adjusts the colour of the signal after the first tube stage and before the output tubes. Move it CCW to increase bass while cutting mids and highs; move it CW to increase treble while cutting lows and mids.
<b>OUTPUT</b>	Adjusts the signal going in the output tube stage by +/- 24dB.
<b>MIX</b>	Balances the unprocessed (Dry) input signal with the processed (Wet) one.
<b>BOOST</b>	Increases the input signal before the first tube stage by +15dB.
<b>PAD</b>	Decreases the input signal before the first tube stage by -20dB.
<b>PHASE</b>	Inverts the phase of the signal.
<b>LIM</b>	Enables the brickwall clipping limiter.

## RIGHT-CLICK OPTIONS

**PARAMETER LOCKING:** Each one of the knobs can be locked so it won't change its value. This is very useful when you load the plugin on an AUX/SEND channel. To lock a knob, simply **RIGHT CLICK** it and select **LOCK PARAMETER**.

**LOW CUT PATH:** You can change the path of the LOW CUT filter to get different sounds. By default, the LOW CUT is placed before the input tube gain stage. In this way, the tube will not get saturated by the low frequencies of the incoming signal. **RIGHT CLICK** it and select **SET LOW CUT AFTER INPUT TUBE** to move the filter after the input tube gain stage and get more saturation on the low frequencies. This setting will be saved along with each preset.

**OUTPUT LINKING:** You can make the OUTPUT knob to be automatically adjusted when you set the INPUT knob by **RIGHT CLICKING** the INPUT knob and select **LINK TO OUTPUT**.

## ENGINE ACCURACY

You can set the accuracy of the circuit simulation engine through the Audiority logo menu.

- **LOW** Both input and output tubes are pre-calculated.
- **MEDIUM** Input tube is real-time, while output tube is pre-calculated.
- **HIGH** Both input and output tubes are real-time. (Default setting)

# CHANGELOG

**v1.0** (November 2018)  
- Original release

## Audiority Srls – EULA (End-User License Agreement)

The software that accompanies this license is supplied under a license agreement. By installing this software you are agreeing to the Audiority License Agreement. If you do not agree with these terms, do not install the software. You may obtain a refund within 14 days through the dealer where you purchased the software, or if purchased at any of Audiority online stores, by contacting [info@audiority.com](mailto:info@audiority.com).

The terms of this license agreement are as follows:

By installing the software, you confirm your acceptance of the Audiority Srls End User License Agreement. This is a non-exclusive, single-user License.

This End User License Agreement ("Agreement") is between Audiority Srls and you.  
IMPORTANT – PLEASE READ THIS LICENSE AGREEMENT CAREFULLY BEFORE INSTALLING THIS SOFTWARE.

By using the Audiority Srls Software you accept these terms. The Audiority Srls Software may be distributed with software or components from third-parties ("Third-Party Software"). Use of Third-Party Software is also subject to the terms of this EULA.

### 1. Limited Use License.

The Software is licensed, not sold, by Audiority or its Third-Party Software suppliers ("Suppliers") to the original end user for use only on the terms set forth in the Agreement. If and only if your Software is purchased through a Audiority Authorized Dealer or Distributor, Audiority, as Licensor, grants you, as an end user Licensee, a non-exclusive license to use the Software (which includes computer software, updates and any bug fixes subsequently delivered and associated media, printed materials and "online" or electronic documentation).

### 2. Title.

The Software is owned by Audiority or its Suppliers as applicable, and is protected by copyright laws and international treaty provisions, as well as other intellectual property laws and treaties. Audiority (or its Suppliers, as applicable) retains title to and ownership of the Software and all copies, as well as any rights not specifically granted. This Agreement only gives you certain rights to use the Software and related documentation, which may be revoked if you do not follow these terms.

### 3. Limited Rights to Install and Use the Software.

#### (i) Permitted use and restrictions.

You may install the Software into the memory of no more than three computers for your internal business use or your own personal enjoyment, but may not redistribute or electronically transfer the Software to someone else's computer or operate it in a time-sharing or service-bureau operation.

#### (ii) Reverse engineering and copying limitations.

You may make one copy of the Software for backup purposes only (and replacement backup copies in the event of loss of or damage to a backup copy), provided you include all copyright notices contained on the original media on the backup copy. You may not modify, translate, adapt, reverse engineer, decompile, create other works from, or disassemble the Software or any portions thereof (except and to the extent that applicable law expressly permits reverse engineering, decompilation or disassembly).

#### (iii) Technical limitations.

The Software may include technological measures that are designed to prevent or detect unlicensed use of the Software. Circumvention of these technological measures is prohibited, except and only to the extent that applicable law expressly permits, despite this limitation. Any attempt to circumvent technical limitations may render the Software or certain features unusable or unstable, and may prevent you from updating or upgrading the Software.

#### (iv) No reconfiguration.

The Software is licensed for installation and use only in the manner it was provided to you, as configured by an automated installation program provided with the Software, or as described in Audiority's Documentation. You may not separate the components contained in the Software or otherwise reconfigure the Software to circumvent technical limitations on the use of the Software or to otherwise exceed the scope of your license.

### 4. Export and Renting Restrictions.

You may not export, convey, rent, sublicense, or otherwise distribute the Software or any rights therein to any person or entity.

### 5. License Transfer.

Except if otherwise stated within this EULA, Licensee may resell the software to a third party or transfer the software permanently if the Licensee purchased the Software from any Audiority store or from any Audiority Dealer. Audiority reserves all rights to deny any requests for the transfer of this license, and may institute transfer fees and policies as it sees fit at the time of any request for the transfer of this license, if the Licensee purchased the license from another Licensee. By transferring a license, the third party agrees in writing with this EULA and Licensee ceases all use of the software, completely removes all installed copies of the software from its computer and – if the software was not purchased via download – deletes or transfers the original data storage to the third party (if Licensee is not obliged to a longer storage by law). NFR (not for resale) copies, including freeware products, free bonus products, and giveaway copies, cannot be resold. Following respective request from Licensee via its email address registered with Audiority, and payment of the Transfer Fee, the license file of the Product will be transferred by Audiority to the third party, and at the same time the registration of Licensee for the software purchased will be deleted. The current and updated Transfer Fee can be found at this address <https://www.audiority.com/faq/#1509113035751-cec03c9c-5c77>

### 6. Excluded Products.

Audiority and its Suppliers give NO warranty for Software free of charge, including Software designated as "demo", "limited release," "pre-release," "loan," "beta" or "test." This Software is provided "AS IS."

### 7. Limitation of Liability.

AUDIORITY AND ITS SUPPLIERS SHALL HAVE NO LIABILITY TO YOU WHETHER IN CONTRACT, TORT, NEGLIGENCE OR PRODUCTS LIABILITY, FOR ANY CLAIM, LOSS, OR DAMAGE, INCLUDING BUT NOT LIMITED TO LOST PROFITS, LOSS OF USE, BUSINESS INTERRUPTION, LOST DATA, OR LOST FILES, OR FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND OR NATURE WHATSOEVER ARISING OUT OF OR IN CONNECTION WITH THE USE OF OR INABILITY TO USE THE SOFTWARE OR DOCUMENTATION, OR THE PERFORMANCE OR OPERATION OF THE SOFTWARE, EVEN IF AUDIORITY OR ITS SUPPLIERS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU. IN NO EVENT SHALL AUDIORITY'S TOTAL LIABILITY TO YOU FOR ALL DAMAGES, LOSSES, AND CAUSES OF ACTION WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE EXCEED THE AMOUNT PAID BY YOU FOR THE SOFTWARE.

8. Termination.

To the extent permitted by law, and without prejudice to any other rights Audiority may have, Audiority may terminate your license if you materially breach these terms and conditions.

9. Third-Party Software and Information.

This EULA governs any Third-Party Software distributed by Audiority. Audiority may include information about third party products and services, including links to Web sites run by others. Audiority is not responsible for, and does not endorse or sponsor, this third-party information.

10. Miscellaneous.

This Agreement constitutes the entire agreement between the parties with respect to the use of the Software and Documentation, and supersedes all prior or contemporaneous understandings or agreements, written or oral, regarding such subject matter. No amendment to or modification of this Agreement will be binding unless in writing and signed by a duly authorised representative of Audiority.

Should you have any questions concerning this Agreement, please contact Audiority Srls at [info@audiority.com](mailto:info@audiority.com)

Copyright ©2010-2018 Audiority Srls. All rights reserved.

Last updated on August 1, 2018



# Thank You

We wanna thank you for buying **Audiority Echoes T7E** plugin.

We hope you will enjoy it as much as we did.

If you have any question, concerns, technical issues or even for just say 'Hello', get in touch with us at:

[info@audiority.com](mailto:info@audiority.com)

or checkout our site at [www.audiority.com](http://www.audiority.com)

Cheers,  
Luca

## Follow us on:

[Facebook](#)

[Twitter](#)

[SoundCloud](#)

[YouTube](#)

[Instagram](#)

## Official Facebook Support:

[Audiority Audiophiles](#)

## Audiority User Area: (registration is required)

[Audiority User Area](#)

