# Pulsar Audio announce Version Updates to their Entire Product Line

Pulsar Audio Echorec, Mu, Smasher and Pulsar 1178, are due to receive the following updates today, May 25th... common to all products, and user anticipated requests.

Change Log:

Usability

- Separate oversampling setting for offline rendering.
- Ability to lock parameters, to prevent changes when loading presets.
- Ability to restore factory presets.
- Ability to completely disable background hiss - (Mu and Echorec only).
- Better management of mouse cursors.

Graphical Improvements

- Better drawing and image rendering accuracy.
- Better rendering speed.
- Better rendering of fonts at intermediate zoom factors.
- Improved compatibility with some older OpenGL drivers.
- Improved appearance of help balloons.
- Fixed various rendering bugs.

Bug Fixes

- Fix bug when entering MS mode while in "screen" view mode.
- Fix iLok-related audio bugs.
- Fix crash on some old Xeon processors
- Fix bug on Restore Factory Presets option
- Fix Apple windowing issue on MacOS Lion
- Fix "clean install" option in Windows installer

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