



# The Kiss of Shame

## Tape Desecration Processor

"Something so wrong never sounded so right."

The Kiss of Shame, debuted at the Audio Engineering Society Convention 2014 in Los Angeles, was a pioneering DAW plugin that leveraged commercial UX/UI design principles to shape its magnetic tape + circuitry emulation algorithms.

To differentiate itself in the competitive pro-audio plugin market, The Kiss of Shame introduced groundbreaking features including an interactive, multi-touch-ready GUI and analog tape degradation simulation for distinctive audio effects.

The Kiss of Shame was the worlds first (and perhaps only) tape / analog circuitry emulation plugin that realistically models the effects of magnetic particle instability, lubricant loss, substrate deformation, drift, scrape-flutter, print-through and reel expansion/contraction into a suite of FX processing tools for sound design and music production.

It was also the first to leverage machine learning to account for the vast nonlinearities inherent in magnetic tape and analog circuitry. Last but not least, it's the only analog tape emulation that has fully-interactive reels that support touch and can write flange automation on-the-fly akin to a real analog tape deck.

# Installation instructions

!! This is currently work-in-progress. There may be issues with the plug-in.  
Use at your own risk! !!

## Mac

The Mac version of the plug-in is signed and notarized.

1. Copy **KissOfShame.component** to the folder **/Library/Audio/Plug-Ins/Components**
2. Copy **KissOfShame.vst3** to the folder **/Library/Audio/Plug-Ins/VST3**
3. In your DAW, look for **Infernal Love > The Kiss of Shame**. You can insert this plug-in on a mono or stereo track.

TIP: If the AU version of the plug-in is not visible in your DAW, open **Applications/Utilities/Terminal**. Type the following and press the enter key:

```
killall -9 AudioComponentRegistrar
```

Then restart your DAW. Now the plug-in should be visible. If not, reboot your computer.

## Windows

1. Copy **KissOfShame.vst3** to the folder **C:\Program Files\Common Files\VST3**
2. In your DAW, look for **Infernal Love > The Kiss of Shame**. You can insert this plug-in on a mono or stereo track.



## How to use this plug-in

### Choose between two distinct tape types:

**S-111** – A superior reel format popular from the 50s to 70s, was the preferred reference tape for many engineers. The Kiss of Shame introduces its first digital emulation, bringing this legendary format to the digital world.

**A-456** – This classic, high-output/low-noise format is a recording staple used in countless productions. While many software emulations exist, none recreate it quite like this. Unique digital recreation tactics were employed to capture its essence.

NOTE: The tape type selection button currently has no effect.

## **From Weathered to Weather:**

**Age** – This knob allows the user to legislate the amount of hypothetical time the selected tape type has been subjected to the chosen "Environment" to manipulate the severity of the corresponding effects.

**Environment** – Choose between several simulated storage conditions to inflict the sonic ramifications of factors such as magnetic particle instability, oxidation, lubricant loss, tape pack expansion/contraction, "vinegar syndrome" and more upon the source material. Users can even choose a "Hurricane Sandy" setting to access processing modeled from tape immersed and then recovered from the storm's flood waters.

NOTE: Only the Hurricane Sandy environment is implemented.

## **A real-world obstacle:**

**Shame** – The Kiss of Shame recreates the full spectrum of these factors like Drift, Wow, Flutter and Scrape-Flutter which the user can impart with the center knob. It can take your source signal from mildly colored to totally mangled.

**Print-Through** – Also known as "bleed-through", this emulation captures the mechanical speed fluctuations present in analog recordings. While they posed challenges for engineers in the past, they became a hallmark of classic records.

NOTE: The print-through feature is not implemented.

## **Reach out and touch tape:**

The Kiss of Shame is the first tape plug-in to feature animated, interactive reels that can be manipulated with a simple click or touch. This allows users to access authentic analogue tape flange in real-time, without the need for two physical tape decks, and in a fraction of the time.

All parameters, including reel movements, are fully automatable, and for screen real estate optimization, the reels are collapsible and fully customizable.

TIP: To flange, drag on the reels. To collapse the reels, double-click anywhere in the UI.

# Credits & license

Copyright (C) 2014-2015 Eros Marcello

Original developers:

- Eros Marcello – Founder, Chief Product Architect
- Brian Hansen – DSP Engineering / Algorithm Development
- Yannick Bonnefoy – GUI

Updates and improvements by Matthijs Hollemans and contributors.

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

Some of the code originated in The Synthesis ToolKit in C++ (STK) by Perry R. Cook and Gary P. Scavone.

JUCE is copyright © Raw Material Software.

VST® is a trademark of Steinberg Media Technologies GmbH, registered in Europe and other countries.

## Warranty and disclaimer

Use this plug-in at your own risk!

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.