

# New Features in 1.5.1

## Content

- A new Galway-Noise drumkit from Chris Hülsbeck has been included as the first galway-noise-factory preset.

## Enhancements

- The OSX text-input fields are no longer modal and thus can be deactivated by clicking elsewhere.

## Fixes

- Sound would crackle a lot when the hosts' output buffer size varied too much from call to call (mainly FL Studio, possibly others).
- Hanging notes under certain conditions in FL Studio & Logic.
- It was not possible to load galway-drumkits back into quadraSID.

# New Features in 1.5

## Enhancements

- The GUI got a new rack-mode and some new controls for the new features. A setup-page was also added, to change some global (per bank/song) settings.
- loFi, normal and hiFi modes were added. HiFi mode uses 4x oversampling with a very steep high-quality filter to remove unwanted aliasing. Normal oversampling option (1x – 8x) has been removed.
- Each SID-chip can now be routed to any of the four stereo-outputs.
- Bitcrusher-option (4, 8, 12 and 16bit) included for every SID-chip.
- Envelope loop-points can now be moved by normal mouse-clicking and dragging without the need to press obscure key-combinations.
- 'Enhance sound' option on the setup-page, to boost certain frequencies for a fuller, more pleasant sound.
- PC and Mac preset-files are now compatible to each other.

## Fixes

- The glide feature was broken in 1.4.1.