Reverb Algorithms

A bank of eight, classic reverbs for your Easy Spin pedal. See audiofab.com for information on the Audiofab USB Programmer and Easy Spin pedal.

Where applicable, the SpinCAD Designer source file is provided. All source code is included in the fv1-programmer .json file (so you can directly program your pedal with fv1-programmer).

1. Room Reverb

- Made with SpinCAD Designer

Controls

- Pot 0: Pre-delay
- Pot 1: Reverb time
- Pot 2: Reverb level

2. Hall Reverb

- Made with SpinCAD Designer

Controls

- Pot 0: Pre-delay
- Pot 1: Reverb time
- Pot 2: Reverb level

3. Plate Reverb

- Coded by mdroberts1243 'at' gmail.com; minor modifications to make controls similar to other reverbs
- Derived from Jon Dattorro paper "Effect Design" -- see Dattorro Effect Design. Part 1: Reverberator and Other Filters

Controls

- Pot 0: Damping
- Pot 1: Reverb time
- Pot 2: Reverb level

4. Spring Reverb

- Designed and coded by Don Stavely © 2016 -- Please, not for commercial use (see source code)!
- Modified to remove tremolo, make reverb time and LPF shelf adjustable; pot definitions also changed

Controls

- Pot 0: Tone
- Pot 1: Reverb time
- Pot 2: Reverb level

5. Shimmer Reverb (Version 6)

- Written by DrAlx (Alex Lawrow) -- based on Mick Taylor's (Ice-9s) reverb loop
- Changed pot usage to be consistent with other reverbs in bank

Controls

- Pot 0: Amount of treble in reverb loop
- Pot 1: Reverb time (0 to 10 seconds)
- Pot 2: Shimmer level

6. MN3011 Reverb

- Made with SpinCAD Designer; based on a classic MN3011 reverb design

Controls

- Pot 0: Delay
- Pot 1: Repeats
- Pot 2: Mix

7. Room Reverb-3-4-5

- Made with SpinCAD Designer (by Digital Larry)

Controls

- Pot 0: Delay
- Pot 1: Repeats
- Pot 2: Mix

8. Three Tap Delay Reverb

- Made with SpinCAD Designer

Controls

- Pot 0: Delay
- Pot 1: Repeats
- Pot 2: Mix