LAYOUT

Title of webpage in corner
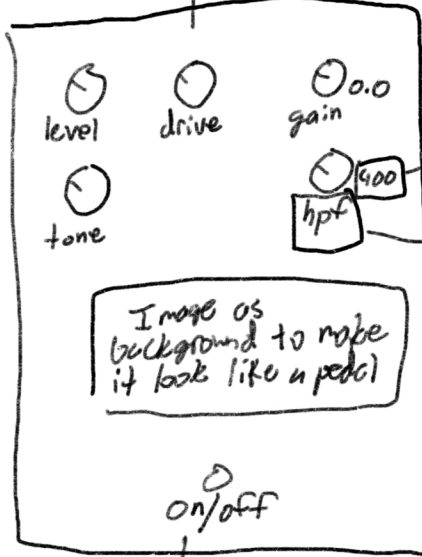
St. Aud.
Start audio button under title

slider type
ranges converted to look like knobs

Block background

level   drive   gain 0.0

number indicating amount

400

hpf

tone

label for each knob

Image as background to make it look like a pedal

on/off

checkbox for power switch

BLOCK DIAGRAM

Input gain — slider controlled by "gain" value on website (-20 – +6 db)
simple gain node that affects how much signal goes into distortion

highpass filter — slider controlled by "hpf" value on website (0 – 2000 hz)
biquad filter that modifies signal before distortion

distortion node — waveshaper using distortion curve
slider controls amount of dist.

lowpass filter — biquad filter that affects whole signal after dist
slider controls frequency

output gain — slider controls "level" value on website
gain node that controls overall level of output

on/off switch — disconnects output from destination / reconnects

destination