BAKVENDT

BAKVENDT is a granular synthesizer masquerading as a reverse delay. It can delay stuff in reverse, time stretch stuff in reverse, freeze stuff, pitch stuff upwards in octave intervals, pitch stuff downwards in octave intervals and generally make lots of narly noises. This is a limited device made for the good people of ILF.

LEVEL Master volume. Unity gain is around noon. Max gain is +16dB.

MIX Dry/Wet mixer.

TIME/ STRETCH Delay time and time stretch parameter. From full ccw to noon increases the delay time from ~100ms to ~950ms. From noon til full cw the pedal will perform timestretching. At full cw the audio is frozen.

LOOP/ REGEN Decay parameter. At noon there's no regeneration. Decreasing ccw adds non-destructive looping feedback. At full ccw audio is repeated indefinitely. Increasing cw from noon adds destructive direct feedback. This will regenerate the granulation and octave of the wet signal as well as change the playback direction (reverse in reverse etc.). In the middle octave modes adding full cw regen will crush the signals offset resulting in a sort of distortion effect. Runaway oscillation is not available.

OCTAVE Select an octave for the reverse delayed signal. Up yields an upper octave, down yields a lower octave. The middle position doesn't add any pitch shift (middle octave).

GRAIN Grain direction. Sets the playback direction of the individual grains that combine to create the faux reverse delay effect. Up yields forward direction while down yields reverse. Forward grains give a more vanilla/safe sound. Reverse grains will add clicking sounds dependent on the TIME and LOOP knob settings. It's character is harsher, has more fluidity at high looping feedback settings and has more texture at high direct feedback settings.

IN / OUT Mono audio input and output sockets

9V 9VDC power supply socket

TECHNICAL DATA

Voltage	9VDC center negative. No battery operation.
Current	100mA
Input Z	1MΩ
Ouput Z	< 1kΩ
Size	125 x 66 x 60 mm