

## Hardware Synthesizer / Sampler



**Inventor** Firma Fairlight CMI

**Year** ~1970

To record and play sounds digitally. You can change pitch, bass, trebles, snip single words and glue them together like you want. It is also possible to use other mathematical models, e.g. Fourier analysis/transform to analyse the samples or to modify them. Simplest variant, if you play twice the same with delay of 0.2 seconds to achieve an echo effect. See "Curve Discussion"

### Use Cases

Make music, manipulate voice recordings prior to negotiation, behavioral sciences, e.g. The "Pavlovian Dog" experiment...

## Active Denial System



**Inventor** US Air Force

**Year** ~1980

The Active Denial System roasts the top layer of the skin at a distance of 500m. For a range of 5 m logically more than 100 x smaller, small enough to fit in a cell phone. Actually, 1930s electron tube technology, but today you can do this also with semiconductors (Esaki/tunnel diode). Directly in the CPU with Army-Grade Crypto. The "Active Denial System"-denialer would thus be the natural archnemesis of an TinFoil-hat

### Use Cases

To roast Victims cowardly at a range of 500m or terrorize lodger with such scrap for "fun and profit"