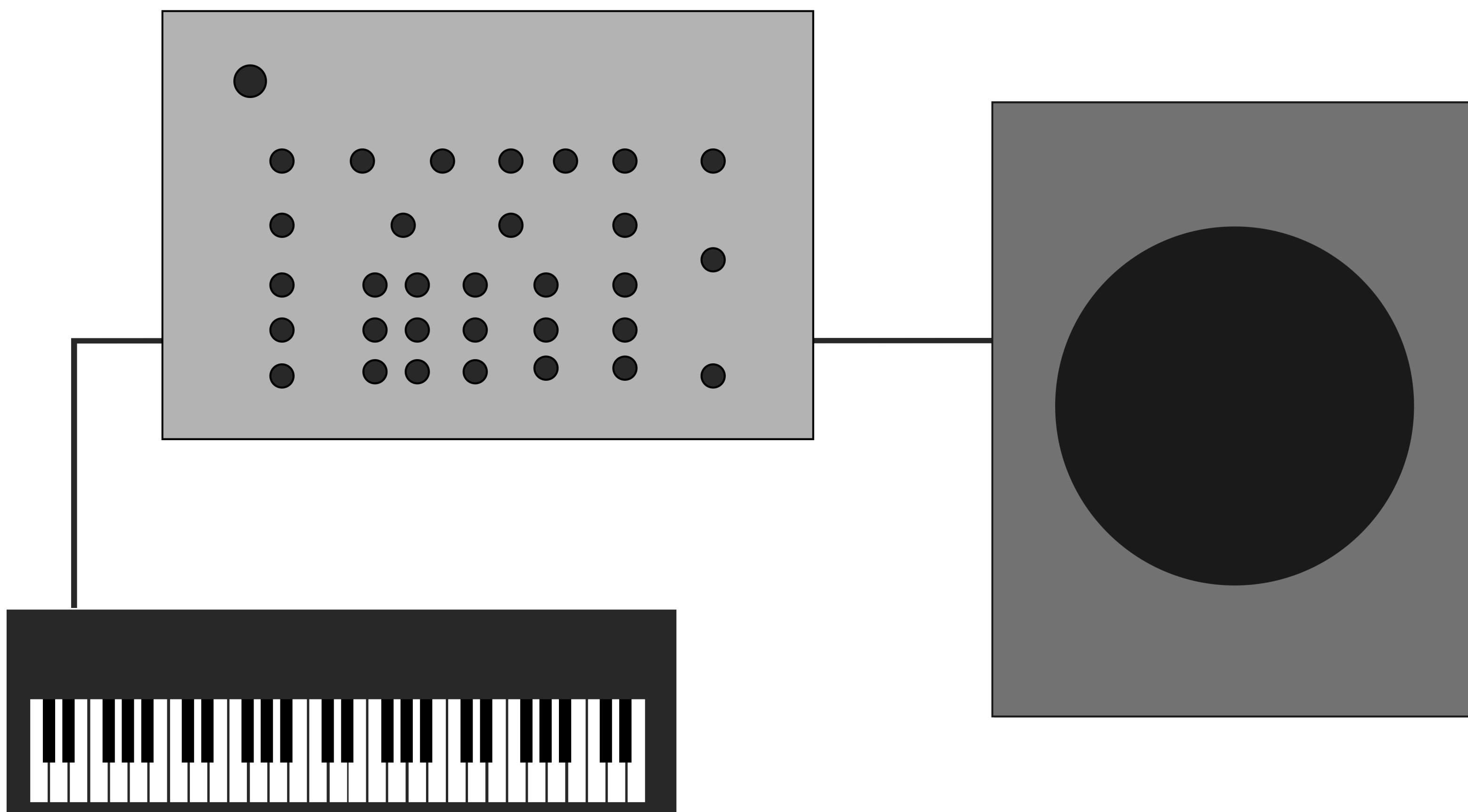


THE MOOGER UNION



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The Mooger Union is a moog synthesizer. It is a modular electronic music system which generates a huge variety sounds through a series of analog circuits. Sounds are user controllable and customizable by adjusting knobs and other controls. The synthesizer connects via MIDI to an electronic keyboard, and outputs a signal that can be played through a speaker.

The controls are divided into several functional blocks. The voltage controlled oscillator (VCO) creates basic signals at different frequencies. The voltage controlled filter (VCF) applies a filter to the signal which alters the timbre. An attack, delay, and release (ADR) can be defined. Those shape each signal. A low frequency oscillation (LFO) can be added to the VCO or to the ADR which can create different effects such as tremolo.