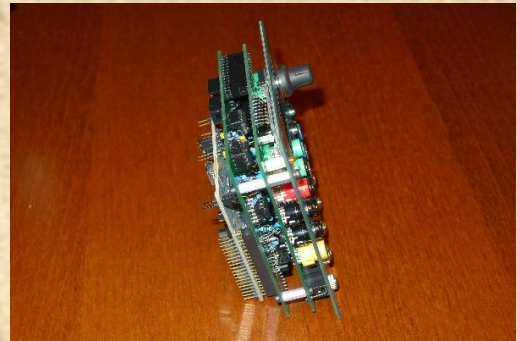# Tempered Chance Duo

Tempered Chance Duo is a two-channel sequence generator and playback control module, that is based on the earlier single-channel Tempered Chance module. It evolved to a fair extent from a frequent practice of using a pair of the single-channel modules, to enable counterpoint or bass-line accompaniment, as well as other harmonic and polyrhythmic work. It can be operated as a pair of independent sequencers, but it also has various integrated melodic, harmonic and tempo/timing capabilities, made possible by the common internal control system. It can be used for discovering or programming discrete note sequences, within various traditional and microtonal scales, from minor pentatonic to 24-tone equal temperament, but can also generate more "modern" continuous, smoothly changing random pitch variations. The module has clock and reset inputs, two independently assignable CV inputs, and a CV/gate output pair for each sequencer channel. The CV input voltage range, offset, signal smoothing, and quantization overlap (hysteresis), are independently adjustable, to adapt to various inputs, and yield more "playable" sequences. (Unusual DIY signal sources were a significant design influence.)