

The PostcardWeevil is a micro-sized electronic sound maker with a variety of circuit bends for chaotic sonics. Like the larger Weevil devices, it features two lofi squarewave oscillators that are ring-modulated together. The PostcardWeevil also has a small onboard amplifier and speaker.

Oscillators

Pitches of the oscs are set by their associated pitch dials with fully clockwise giving the highest pitch. The oscs are designed so that at lowest pitch they emit low frequency clicking sounds, rising to tones at higher frequencies. Note that the pitching is greatly effected by the Low Power control. Pitch can also be changed by bridging between the two metal contact points for each osc with your fingers (lick your fingers for more extreme pitching). Of course, you can touch contact points from both oscs thus creating chaotic cross modulation and also add in the two central contact points – the small one is a ground connection and the large one is the output of the ringmod.



Low Power Dial

This controls the power to the oscillator and ringmod chips and simulates the battery running out of juice (though full power still goes to the amp). Turning the dial fully clockwise gives full power and the loudest, clearest sounds. Turning it back to starve the chips of power results in the oscs going haywire with interesting sonic results.

Power

Make sure the battery is connected the correct way round before turning the device on. The PostcardWeevil should only ever be run off battery power – do not use a power adaptor. Also beware not to allow electrically conducting materials (such as metal) to connect with the back of the device otherwise a short circuit may occur.

Amp & Speaker

While there is no line output on the PostcardWeevil (this was a deliberate design approach!) there are a number of ways to amplify it. A normal microphone can be positioned over the speaker and interesting resonant effects can be achieved by, for example, cupping your hands above the speaker or placing the speaker near to you open mouth (then move your cheeks to change the resonant frequency). You can also hold the speaker close to a magnetic pickup (such as an electric guitar pickup) or try putting a contact microphone on top of it. Each of these methods will give a different sonic flavour.