# CIRCUIT CIRCLE D.I.Y.-SOLDERKITS

**-short overview of available diy-sound-kits of CircuitCircle-**

**„Squaking Rat"** is a standalone synth. It´s working with the Cmos 4093 chip. There are 4 oscillators, where two work more as modulators and two are the main frequency. The sound range goes from subby bass till annoying squeaky stuff.

**Material Costs: 50€ (including lasercutted housing)**



The **„SillySolderIronSynth"** ist he ultimate nerdy synth device. How cool ist that.. you can solder a solderiron…boom! It based on a attiny microcontroler and come along with nice and chaotic code with weird 8-bit noises, two sliders, a little speaker and 3.5mm jack out.

**Material Cost: 20€**

The **"SUPALOOPA"** is a standalone looping sounddevice based on the ISD 1820 board. With added pitch, in and output jack 6,3mm and an integrated speaker it is a fun device to bring some funky field recording sounds in your diy setup.

Materials Cost: €30 (including case)



The **"MIXA"** is small 4channel mixer with two outputs for your diy projects. It even has 3.5mm and 6.3mm in- and outputsockets so you never need an adapter again. Perfect solution for beginners to connect all your favorite noisetoys.

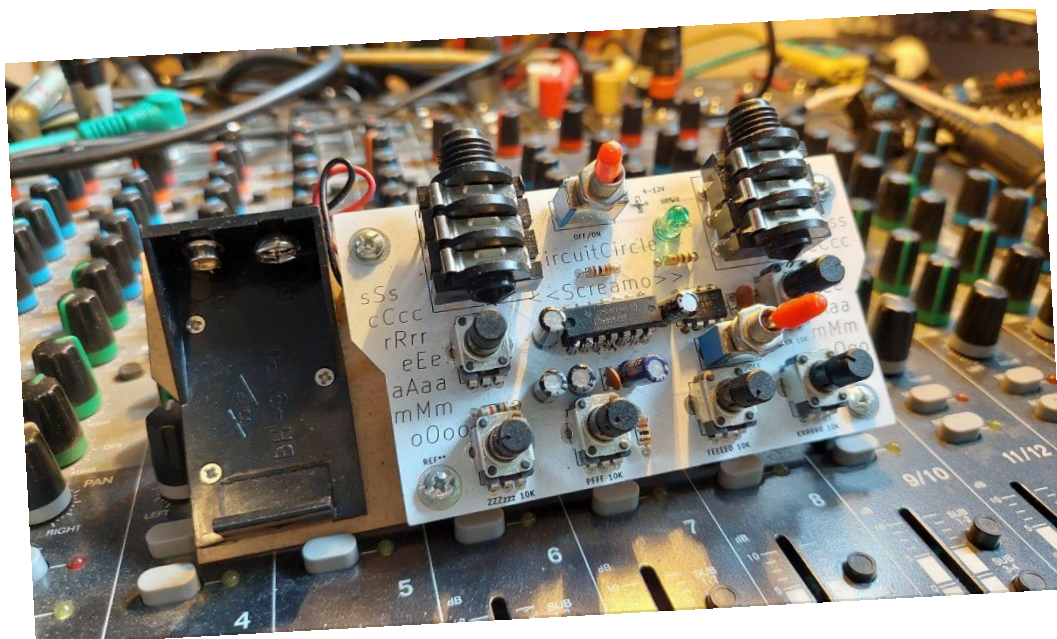Materials Cost: €50 (including lasercutted housing)

The **"TouchSynth"** is a very useful synth device which is played with your skin. Besides creating wild oscillation it also works as a mobile amplifier and distortion fx for your diy projects. You can play with different peoples touching each other.

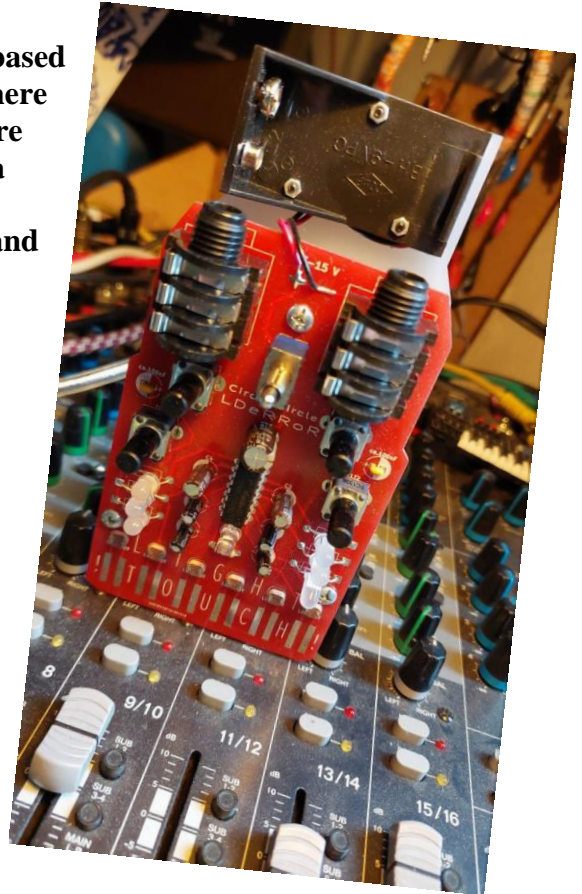Materials Cost: €30 (including lasercutted housing)



The **"SCREAMO"** is a standalone, selfoscillating distortion and gate EFX unit. Its good for hard bassdrums and very harsh types of music. You can even use it for mashup remixes of regular music. Put it in your AUX send and manipulate all your instruments. Sick Sick Sick!!!"

Materials Cost: €50 (including lasercutted housing)

**The "LDeRRoR"** is a standalone synth devices creating a wide range of square wave noises. It´s based on the good old 40106 and it have 6 oscillators, where 3 are duplicated on each output (L+R) and they are mixed via bipolar LED´s. So you can send it into a stereochannel for nice droning and panning. Ist controlled via LDR´s (light dependend resistors) and with your body (bodycontacts).

**Material Costs: 40€**



**Check the video demos here:**

[https://www.youtube.com/watch?v=zREqxKX96Y4](https://www.youtube.com/watch?v=zREqxKX96Y4)

**contact and questions:**

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