­My Cool Cardboard Blaster

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Does cardboard have a soul? We think so.

Is that shoebox really a computer? You bet your ass it is.

*How does it work?*

Powered by the Teensy Arduino microcontroller, My Cool Cardboard Blaster uses real hardware sound synthesis and dynamic sample playback to create an immersive music experience.

*How do I use it?*

Use the keypad to generate sounds! The 16x16 silicone grid detects tactile input and transforms it into digital audio.

*What makes it unique?*

My Cool Cardboard Blaster is a fully self-contained audio synthesis machine, functioning without the aid of additional hardware or software. This machine is a stunning amalgamation of electronic engineering, computer programming, and musical creativity.

This machine showcases the capabilities of simple hardware components and elegant code executed in a collaborative development environment. Physical computing combines creativity, craftsmanship and analytical skill to create fun and interactive devices such as this one!