

Brain Machine Workshop

From Noise Bridge

Brain Machine Building Workshop

When: Saturday, February 16th, 2008 -- noon to 4pm

Where: 221 Pine St. 6th floor

What: Noisebridge's first Hardware Sprint! -- All parts, tools, and food provided

- *17 people made their own Brain Machine at this first official Noisebridge event!*
- *Tons of fun for all.*
- *Check out these photos* (<http://www.flickr.com/photos/maltman23/sets/72157603930403848/>)

Let's make something!

This fun workshop is for everyone: total beginners (even if you've never built anything, ever), as well as people skilled in the art.

The Brain Machine blinks light and pulses sound at a pre-programmed sequence of brainwave frequencies -- in this case, a meditation sequence. If you use the Brain Machine, your brain synchronizes to the meditation sequence, and you experience it! And a nice bonus is that you hallucinate beautiful colors and patterns from your subconscious mind. Sound cool? Most people agree!

I originally wrote up the Brain Machine as a DIY project for MAKE Magazine #10 in May-07 (http://cachefly.oreilly.com/make/wp_brainmachine.pdf) . (Here's a video (<http://makezine.com/10/brainwave/>) .) Since then several hundred people have taken the workshops I've given at Maker Faires, hacker conferences, and friends' places. Everyone has successfully completed their Brain Machines. You can too.

By building one of these you will learn how to:

- Solder like a pro
- Program an Atmel Micro
- hack microcontrollers
- Make LEDs blink
- Attain Zen-like states in under 7 minutes

All tools and parts are provided. Parts cost me \$20, and I ask that people pay me for the parts.

I'll bring food and drinks. Feel free to bring more.

Mitch.

Please add your name below if you are interested in doing the workshop (no committment implied):

- Mitch Altman
- Jacob Appelbaum
- Audrey Penven

- scott lamorte
- Matt Peterson
- Rachel McConnell
- Asheesh
- Rubin Starset - Will hopefully show up with some soldering irons and random tools.
- Al Billings
- Mark Cohen - Will also hopefully bring an iron, solder and random tools...
- David Molnar
- Jesse Zbikowski
- Alex Graveley
- Matthew Baggott
- Praveen Sinha

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