

## BTTF Time Machine Clock



I started by making a small scale Flux capacitor. Once I accomplished that, it seemed lonely, somehow. It needed to be part of something more, so, what more appropriate than something that tells time.

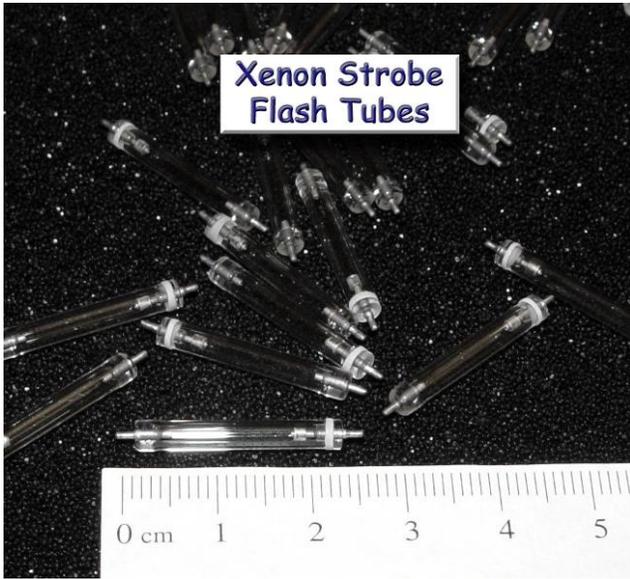
First I'll start with the flux capacitor build.

While standing in line at Lowe's, I spotted Lowe's gift card holders. Being a big BTTF fan all I could visualize was a Flux Capacitor.



I removed the card holder insert, made a mold, and poured a solid version, using Alumilite. I got some of those flashy pins from Party City for the electronics. Xenon Strobe Flash Tubes from eBay & some brass snaps from Hobby Lobby, for the vacuum relays. The tiny LEDs come from eBay. For the wires, I used I

just used yellow wires with bigger red wire insulation on the ends. The top "conduit" container is a plastic pipe I got at Lowe's. The black rubber around the window is black wire insulation, split and glued on.

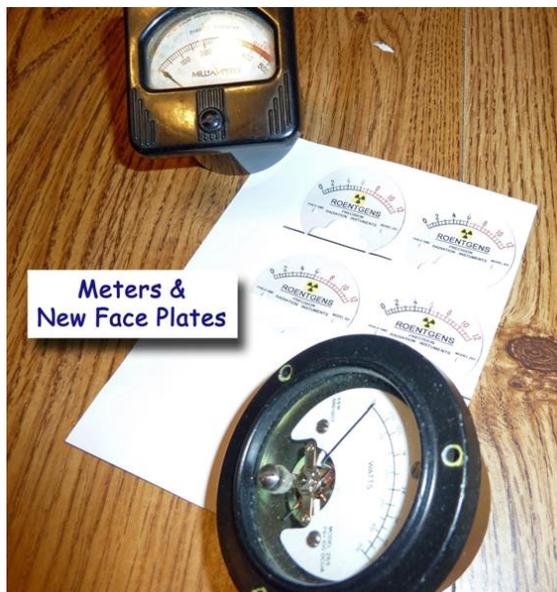


The "vacuum tubes" started out as real vacuum tubes. Wrap the tubes in a paper towel then gently break the glass. It doesn't take much. Using the insides, an LED will fit up inside. The bases are those LED tea lights from the dollar store, painted black. The "glass" parts are cut down plastic candy tubes from eBay.



The digital clock on top was a kit I found on eBay and the housing is a cut down computer speaker enclosure.

The plutonium meter is a simple watt meter from eBay, taken apart, and I changed the face plate. I made the face plate with Photoshop. I also put an LED inside for effects. The plutonium switch (which controls the meter, tubes, and jewel light) is a spst push button switch I painted. I replaced the bulb in the jewel light with an LED.



The antique looking analog clock on top came from Hobby Lobby's jewelry making department.

All of the above fit nicely onto an aluminum BUD Box.

The digital clock and the Flux Capacitor run on 6vdc. The meter, tubes, and jewel light use 3vdc. For now I have a 6v power supply which plugs in. I'm using batteries for the 3v. Eventually I put a drop down circuit in to eliminate the batteries.