

DOTKLOK

DOTKLOK is an **open-source, hackable, Arduino-based digital clock** that displays a series of unique time animations.



Basic Time



Pong Time



Tetris Time



Pacman Time

ABOUT DOTKLOK

Distinguishing DOTKLOK from other clocks is its library of animations which provide multiple ways to view the time on a single device.

The passing of time is depicted with numbers, abstract and geometric patterns, and even retro video game displays, like Pong and Tetris. An optional “random mode” changes the animation each day at midnight so you’re greeted with a different animation each morning.

A full list of animations and demo videos are available at www.aomalley.org/dotklok

DOTKLOK FEATURES

Practical and smart

- Will never lose track of the time, thanks to a dedicated real-time clock (RTC) chip with battery backup that **accurately keeps the time and date**, even when not plugged in.
- Very **low powered**. Using only 2 watts of power, it would take the equivalent of 30 DOTKLOKs to consume the same amount of energy as a 60 watt light bulb.
- Comes with a **customized power adaptor** to fit any country’s power jack, anywhere in the world.
- Kit comes **fully-loaded** with all the necessary hardware plans, schematics, source code and instructions.

DOTKLOK

Stylish and aesthetic

- Can be **personalized**; choose either a red or green LED screen to display the time.
- Is encased in a **stylish**, minimal and durable enclosure made from specially designed, custom laser-cut acrylic panels.
- Minimal aesthetic fits well with both **contemporary** and “future retro” decor.
- Makes a great conversation piece, a **fun** “DIY” kit, or an amazing gift for any geek at heart <3

OPEN-SOURCE AND HACKABLE

Because DOTKLOK is Arduino-based, open-source and hackable, it provides a great **platform for anyone to expand** on and develop. This means almost anything on it can be customized or modified.

- **Open-source:** Customize DOTKLOK’s behaviour by changing the code to alter button functions, creating new time animations, or by turning it into a hand-held video game console.
- **Hackable:** Re-purpose or expand DOTKLOK for nearly anything imaginable. A designated “prototyping area” on the circuit board with all unused Arduino pins allows extra components like switches, buzzers and sensors to be added.

Everyone is encouraged to share their code and designs at www.Facebook.com/dotklok

COMES AS A KIT OR PRE-ASSEMBLED

DOTKLOK is available **fully assembled** and programmed, ready to simply plug in and enjoy. Or as an **easy-to-assemble kit**.

The kit includes comprehensive, fully illustrated assembly and usage instructions. Because the kit instructions are easy-to-follow, even a beginner (with some soldering experience) can confidently build their own DOTKLOK.

MORE INFORMATION

For more information on DOTKLOK, or to purchase, visit:

www.aomalley.org/dotklok or www.andrewomalley.etsy.com

