



(gif is of the [red color watch kit](#))

Note: As of October 22nd, 2015, this product no longer comes with 1x CR2032 coin cell battery. [We recommend you purchase a coin cell battery to use with this product.](#)

64 LEDs light up to tell you the time in a variety of ways. Built into the kit are 3 different watch 'faces' - a scrolling marquee with time and date, a binary watch display (for geeks, robots, and binary fans), and a moon phase display (for beach-combers, werewolves). There's also a built-in battery meter so you can check your battery life. [Want to make your own watch? Easy! The microcontroller is an Arduino-compatible, all you need is an FTDI Friend and the Arduino IDE and you can design your own watch faces and upload them to the TIMESQUARE.](#)

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[Try watching this video on www.youtube.com](#), or enable JavaScript if it is disabled in your browser.

Engineered for greatness by PaintYourDragon, this watch squeezes 500-1000 full time displays out of a coin battery, and up to one year 'resting' lifetime, so you can use this as a day-to-day timekeeper.

This watch comes with an ultra bright white LED matrix and a black silicone watch band that fits all wrists from children to adult.

The band is an "off-the-shelf" band that holds the watch in pretty well, we'll be creating other bands - the included band is to just get you started! This watch is meant to be hackable, from the software to the band!

This is a DIY kit, and requires some basic soldering/assembly to put together. It is a beginner kit, so this is a fine project to use in learning how to solder. Tools are not included, you'll need a soldering iron, solder and diagonal cutters as a minimum. [Check the tutorial page for details on what tools and steps are required to assemble.](#) Take about 1-2 hours to put together. Build it in the afternoon and you'll be done in time to hit the clubs in the evening.

[For more information and downloads check out the page in the Adafruit Learning System.](#)

*To show the watch "in action" photos above have the LEDs on with the lights lowered and added the on-wrist photos with photo taken with flash & studio lighting.

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Downloaded from [Arrow.com](#)

TIMESQUARE DIY Watch Kit - White Display Matrix ([10:06](#))

TECHNICAL DETAILS

- 8x8 ultra-bright white matrix display
- ATmega328P chip with Arduino Bootloader
- DS1337 real time clock
- **Note:** As of October 22nd, 2015, this product no longer comes with 1x CR2032 coin cell batteries.

[Read all about it at the Adafruit Learning System!](#)



LEARN



[TIMESQUARE Wordclock](#)

Wordclock add-on to
TIMESQUARE wristwatch



[TIMESQUARE Watch Kit](#)

Show up stylish AND on time
to any event with this
awesome looking DIY watch.

MAY WE ALSO SUGGEST...



Alpha Clock Five - RED -



Alpha Clock Five - WHITE -



Solder:Time Desk Clock



TIMESQUARE DIY Watch Kit



ChronoDot - Ultra-precise



Adafruit PCF8523 Real Time



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4.6 ★★★★★

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