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INDUSTRIAL PRODUCT DATASHEET

Baisha Pocket Watch

A vintage-inspired pocket watch featuring 178 LEDs, accelerometer-based time setting, and a built-in thermometer.

SKU	UPDATED	PRICE
MSC02141P	2024-08-09 02:15:06	$119.00(Excl. VAT)



Overview



The Baisha Pocket Watch blends antique copper design with 178 SMD LEDs and an MSP430 microcontroller, offering a unique accelerometer-based tap-and-tilt interface for time setting and a built-in thermometer. It runs on a CR2032 battery, providing approximately 21 days of operation with power-save mode.

Key Features

This is not your grandfather's pocket watch!

Antique sophistication is coupled with 21st century chic in this copper, vintage inspired creation by the renowned Chinese developer and designer, Baisha. 178 SMD LEDs are controlled by a MSP430 microcontrollerwhich is powered by a CR2032 lithium ion "coin" battery. The built-in MMA7660 3-axis accelerometer acts as the user interface for setting the time and is absolutely unique.The time is set by tapping on the clock to switch between the hour, minutes, and seconds and by tilting the watch clockwise or counterclockwise to increase or decrease the time. The battery should last approximately 21 days assuming that you use the power-save mode. The watch even has a thermometer feature. This winning combination of the futuristic PCB and the retro-styled pocket watch will be the envy of all of your friends!

Specifications

- Battery Life Span(LEDs on 10min/day): 21Days
- Current Consumption(when LEDs are On): 70mA
- Current Consumption(LEDs Off/power-save mode): 2uA
- Temperature Unit of Measurement: °C
- Temperature Range: 0°C -85°C
- Waterproof: No
- Weight: 53g

Features

- Unique time-setting function via the accelerometer sensor
- LED dial clock
- Switchable power-save mode
- Thermometer function
- Powered by a CR2032 lithium ion "coin" battery

Documents

Please visit our **wiki** page for more information about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our**forum**.

Product Gallery







Resource Links

- https://www.seeedstudio.com/Baisha-Pocket-Watch-p-1080.html
- Wiki

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