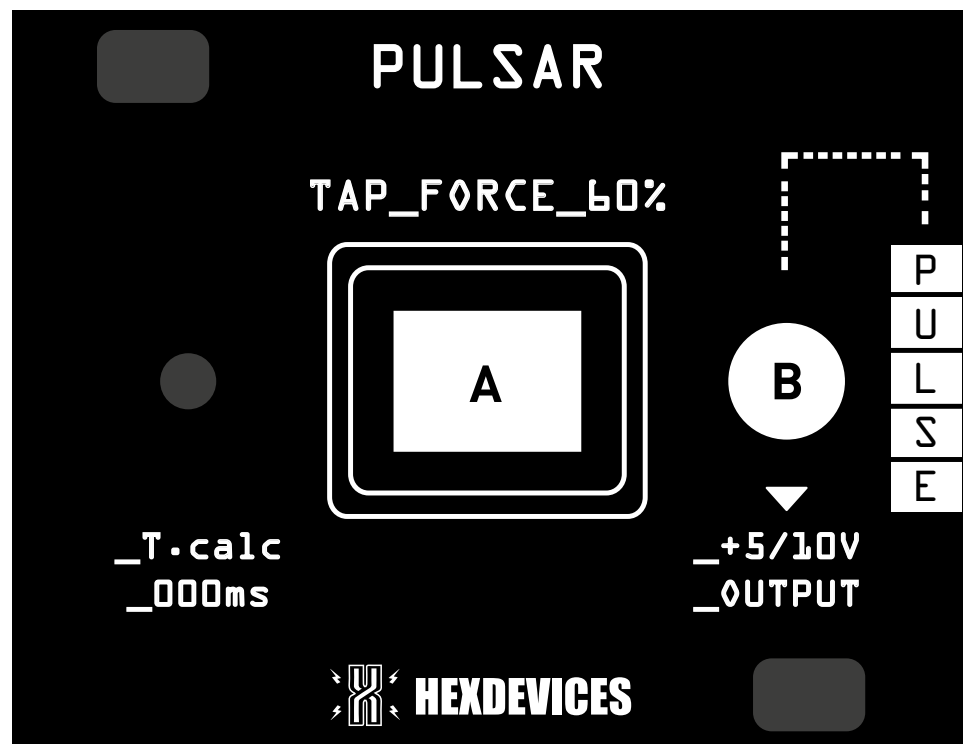




**HEXDEVICES**  
technology for humans

# User Manual Pulsar

Thank you, and congratulations on your purchase of the Hexdevices Pulsar Module! That was a smart move. You are now the proud owner of a small but useful tap tempo module.



## **The brain inside the shell**

This tap tempo module uses a microcontroller to calculate the time between two taps. Once the time is calculated, it then produces a clock pulse output based on this time. If you tap it again introducing different timing, then the microcontroller always adapts the output frequency to its latest time information.

## **How to use (see pic.)**

**A:** Is the tap tempo button of the module. By pushing this button twice, you can set your own tempo. This button is also equipped with an LED indicator for visual representation of the given tempo.

**B:** Is the output of the module. With the use of a 3.5mm TS mono mini jack, you can take your pulse output signal and use it, for example, as a clock or trigger signal for other devices.

## **Extra info**

On the back side of the module, there's a trim pot. By turning this trim pot, you can adjust the voltage output level from 0-10V, depending on your needs.

## **Specifications:**

- Low-drift, clock pulse tap tempo generator.
- Output signal 0-10V
- Power, +-12VDC Eurorack format
- Module format 1U, 10HP
- Dimensions in mm, 50.8x40x35\*
- Weight, 40g

*\*Measured from the front panel till the edge of the power connector.*

## **Warranty**

This module comes with a 5-year warranty from the day of purchase for the electronic part only. Not for the casing or front panel. More information can be found here:

[www.hexdevices.com/policy](http://www.hexdevices.com/policy)

## **Recycling guidelines**

First of all, why throw away this masterpiece?! Anyway, if you want to do so, please be mindful that our planet is already full of waste. So please throw this device only in special electronic recycling places. More information can be found here:

[www.hexdevices.com/policy](http://www.hexdevices.com/policy)

## **Contact with us**

**[info@hexdevices.com](mailto:info@hexdevices.com)**