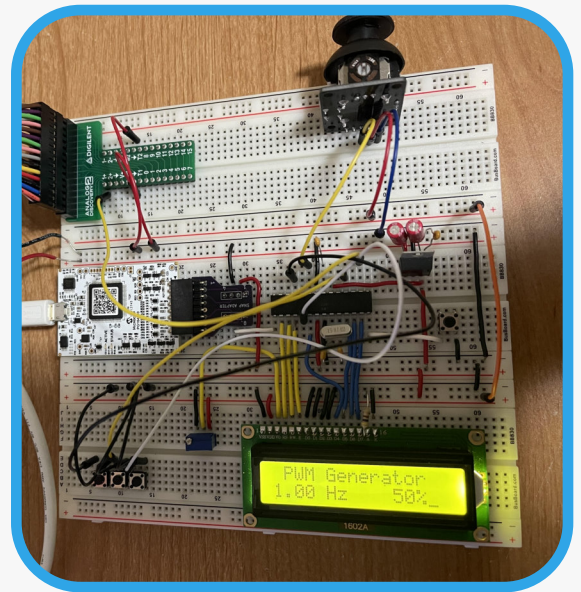


Adjustable Pacemaker

Helping you live the life of your dreams



The Adjustable Pacemaker is a PWM configurable waveform generator that assists those with irregular, or slow, heartbeats by generating a waveform which will be set according to the patients needs such as activity level, health condition and lifestyle. The relevant components of this device are a joystick, which will adjust the frequency which corresponds to heart rate, 4 push buttons, 3 of which will give the user three different duty cycle options and the last push button to reset the waveform's duty cycle and an LCD to display the specifics of the waveform being generated.



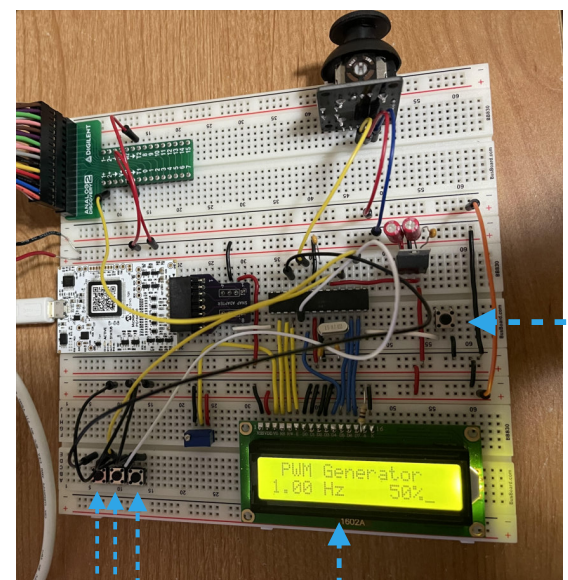
Operating Instructions

1. Plug in 12V power source and the waveform will continually
2. Choose your duty cycle, either 25%, 50% or 100% by pressing one of the three buttons
3. Adjust the frequency with the analog joystick between 1.00-1.67 Hz, which will change the heart rate between 60-100 BPM
4. To prep the device to be reconfigured, press the Reset Button



Warnings

- the device will revert back to a 0% duty cycle before changing the frequency



Push Buttons
for Duty cycle

LCD

Reset Button

Disclaimer

*To avoid any harm or damage to the device, keep it away from any liquids

Technical Specifications

Heart Rate Range	60-100 BPM	Operating Voltage	1.8 V - 5.5 V
Response Time	130 mS	Operating Temperature	-40 °C to 85 °C
Dimensions	11 x 24 x 1 cm	Weight	200 grams

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