



USER MANUAL

BLUETOOTH BASED RPM DETECTOR

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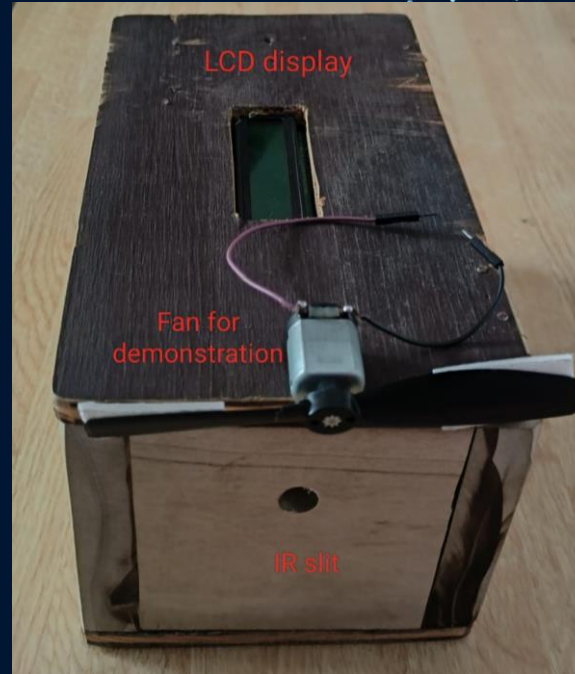


Product overview

- Bluetooth based rpm detector is a device that helps to monitor anomalies in fans by monitoring there rpm.
- This specific product monitors the rpm using an IR module and it displays the value on the lcd screen.
- Apart from this the product has inbuilt Bluetooth connectivity to interact with a mobile app, where the user is allowed to feed in the number of blades of the fan which is to be monitored and the value of the rpm will also be displayed on the UI of the app.

Package contents

- 16x2 LCD display
- IR module
- HC-06 Bluetooth module
- Atmega32
microcontroller
- PCB
- 3.7V rechargeable
battery



Getting started

- All you need to get started with the device is to install the Bluetooth control app
- There is no requirement to power the device since the device is powered with 3.7V rechargeable battery.
- All you have to do is to just press the power button of the device to start using it.

Operating Instructions

- Initially press the power button.
- Then open the Bluetooth control app.
- Then enter the number of blades contained in the fan that is to be monitored.
- Then point the IR slit close to the blades of the fan.
- Examine the rpm value on the LCD display and the mobile app.





Thank You
