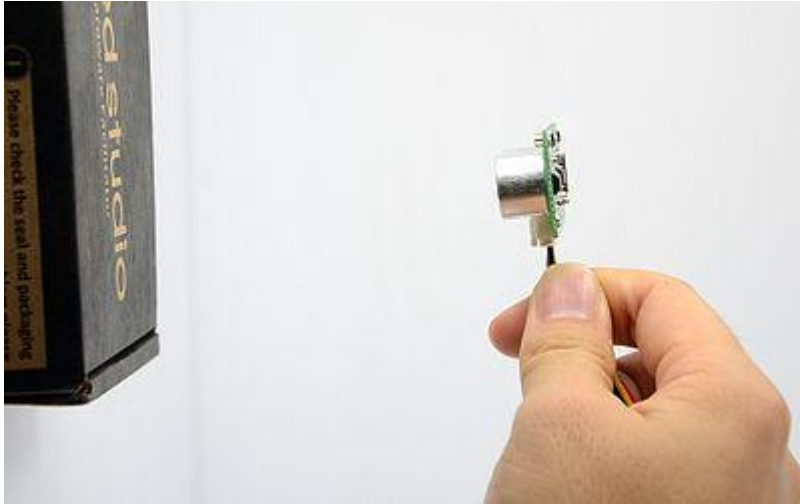


Grove - Ultrasonic Ranger

Introduction

This Grove-ultrasonic sensor is a non-contact distance measurement module which is compatible with the Grove system. It's designed for easy modular project usage with industrial performance. there is also the electronic brick version of this module [here](#)

Model: [SEN10737P](#)



Features

- Detecting range: 3cm-4m,Best in 30 degree angle.
- Grove interface
- 5V DC power supply
- Arduino library ready

Specifications

Supply voltage	5V
Global Current Consumption	15 mA
Ultrasonic Frequency	40k Hz
Maximal Range	400 cm
Minimal Range	3 cm
Resolution	1 cm
Trigger Pulse Width	10 μ s
Outline Dimension	43x20x15 mm

Mechanic Dimensions

Usage

Hardware Installation

There is a vidio for this module [here](#),includes the hardware installation and related software.

Programming

Please ref the code [here](#), also, you can download the library below to start your own software design.

Library

[Ultrasonic Ranger library](#)

Support

[Ask questions on Seeed forum.](#)

Version Tracker

Revision	Descriptions	Release
v0.9b	Initial public release	16, Aug, 2011

Resources

- Schematic in Eagle file
- Schematic in PDF
- Demo code
- Chip datasheet(optional)

How to buy

Click here to buy from Seeedstudio Bazaar.

See Also

Other related products, resources and projects.

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