



Ultrasonic Range Finder - XL-MaxSonar-WR

🔌 SEN-15798 ROHS ✓

DESCRIPTION

FEATURES

DOCUMENTS

- 3.3V to 5V supply with very low average current draw
- All interfaces are active simultaneously
 - Serial, 0 to Vcc
 - 9600 baud, 8-N-1
 - Analog, (Vcc/1024) / cm resolution
 - Pulse Width
- High acoustic power output
- Real-time auto calibration and noise rejection for every ranging cycle
- Precise narrow beam
- Continuously variable gain
- Object detection includes zero range objects
- Readings can occur up to every 100mS, (10-Hz rate)
- Free run operation can continually measure and output range information
- Triggered operation provides the range reading as desired
- Sensor operates at 42KHz



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Ultrasonic Range Finder - XL-MaxSonar-WR Product Help and Resources

VIDEOS

SKILLS NEEDED



Ultrasonic Sensors with
Engineer Jim Lindblom

JUNE 8, 2010

COMMENTS

2

REVIEWS

0

Comments

⚙ Looking for answers to technical questions?

We welcome your comments and suggestions below. However, if you are looking for solutions to technical questions please see our [Technical Assistance](#) page.



Member #863444 / about 3 months ago / ★ 1

Are you able to scan through substances other than air with these ultrasonic sensors?



🔥 Santa Claus Impersonator / about 3 months ago / ★ 1

Hi there, it sounds like you are looking for **technical assistance**. Please use the link in the banner above, to get started with posting a topic in our **forums**. Our technical support team will do their best to assist you.

That being said, I have heard of the ultrasonic sensors being used with other **fluids**, but you would probably have to modify component for the environment (i.e. waterproof it if needed) and calibrate the readings for the fluid it interacts with.




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