

seed studio

INDUSTRIAL PRODUCT DATASHEET

reSpeaker XMOS XVF3000 with Case - AI-powered 4-Mic USB Array

reSpeaker XMOS XVF3000 with Case: AI-powered 4-mic USB array for clear far-field voice capture and noise suppression in automation, robotics, and healthcare applications.

SKU

107990193

UPDATED

2026-04-17 02:38:56

PRICE

\$69.00(Excl. VAT)



Overview



The reSpeaker XMOS XVF3000 with Case is an AI-powered 4-microphone USB array that provides 360° far-field voice capture up to 5m using on-board acoustic algorithms including AEC, AGC, DoA, VAD, dereverberation, beamforming, and noise suppression. It features plug-and-play USB Audio Class 1.0 connectivity with 12 programmable RGB LEDs and is compatible with Windows, Mac, Linux, and Android.

Key Features

Product Upgrade: Check out the new [reSpeaker XVF3800] with improved far-field voice capture and advanced audio processing at a LOWER price!

reSpeaker XVF3800 is a professional circular 4-microphone array based on **XMOS XVF3800**, enabling clear target voice capture in noisy environments. Features dual modes (I2S/USB), 360° far-field voice pickup (up to 5m), on-board AI acoustic algorithms (AEC, AGC, DoA, VAD, dereverberation, beamforming, and noise suppression).

- Plug & Play (No driver required), compatible with Windows 10/8/7, Mac, Linux and Android that support OTG.
- Far-field voice capture
- Support USB Audio Class 1.0 (UAC 1.0)
- Four microphones array
- 12 programmable RGB LED indicators
- Speech algorithms and featuresVoice Activity Detection
 - Direction of Arrival
 - Beamforming
 - Noise Suppression
 - De-reverberation
 - Acoustic Echo Cancellation

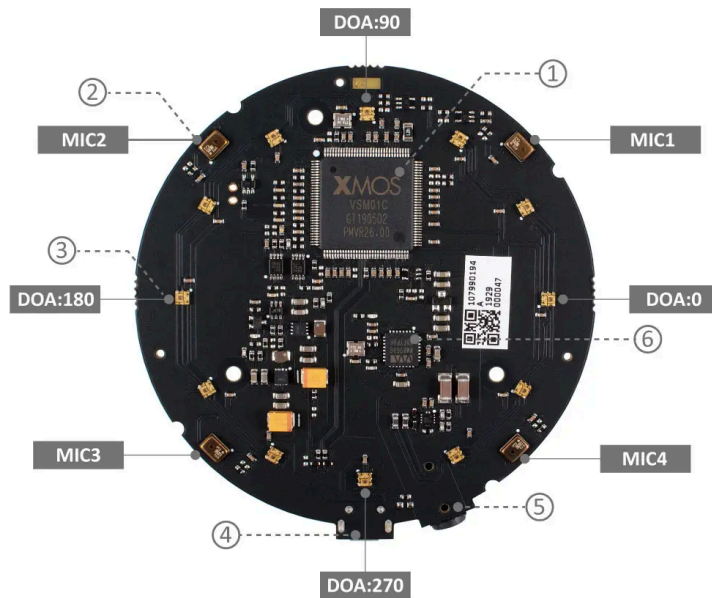
Product Gallery



Specification

Specification	Details
Dimensions	77mm (Diameter)
Weight (N.W.)	43.6g
Weight (G.W.)	104.2g
Battery	Exclude

Hardware Overview



Applications

- NS(Noise Suppression)
- Voice pick-up device
- Home/Office automation device
- In-car voice assistant
- Healthcare device
- Voice interaction robot
- Other applications

Part List

reSpeaker USB Mic Array	x1
USB Type A to Micro USB cable	x1
Instruction Card	x1

Compliance & Logistics



HSCODE	8518900090
USHSCODE	8517620090
UPC	
EUHSCODE	8517180000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/ReSpeaker-USB-Mic-Array-p-4247.html>
- reSpeaker Series Flyer
- reSpeaker XVF3000 4-Mic Array Schematic
- reSpeaker XVF3000 4-Mic Array Product Brief
- reSpeaker XVF3000 4-Mic Array 3D Model
- reSpeaker XVF3000 4-Mic Array 3D Model
- reSpeaker XVF3000 4-Mic Array 3D Model
- reSpeaker XVF3000 4-Mic Array Product Brief
- reSpeaker XVF3000 4-Mic Array Datasheet
- reSpeaker XVF3000 4-Mic Array with ROS (Robot Operating System) Middleware

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