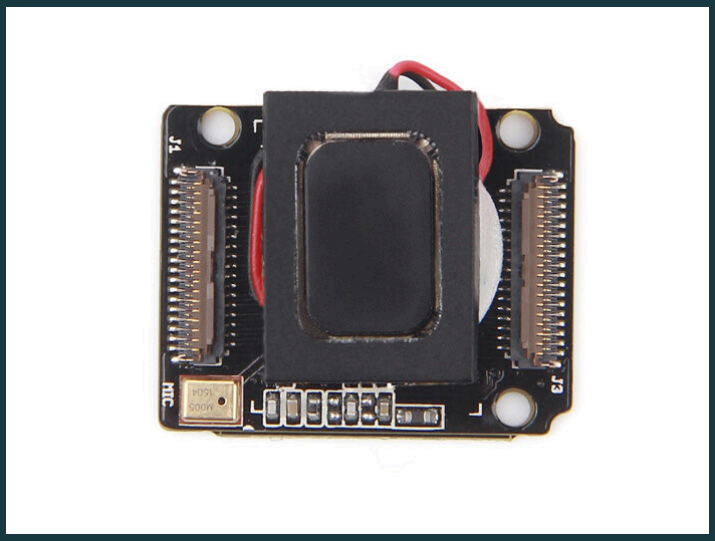
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INDUSTRIAL PRODUCT DATASHEET

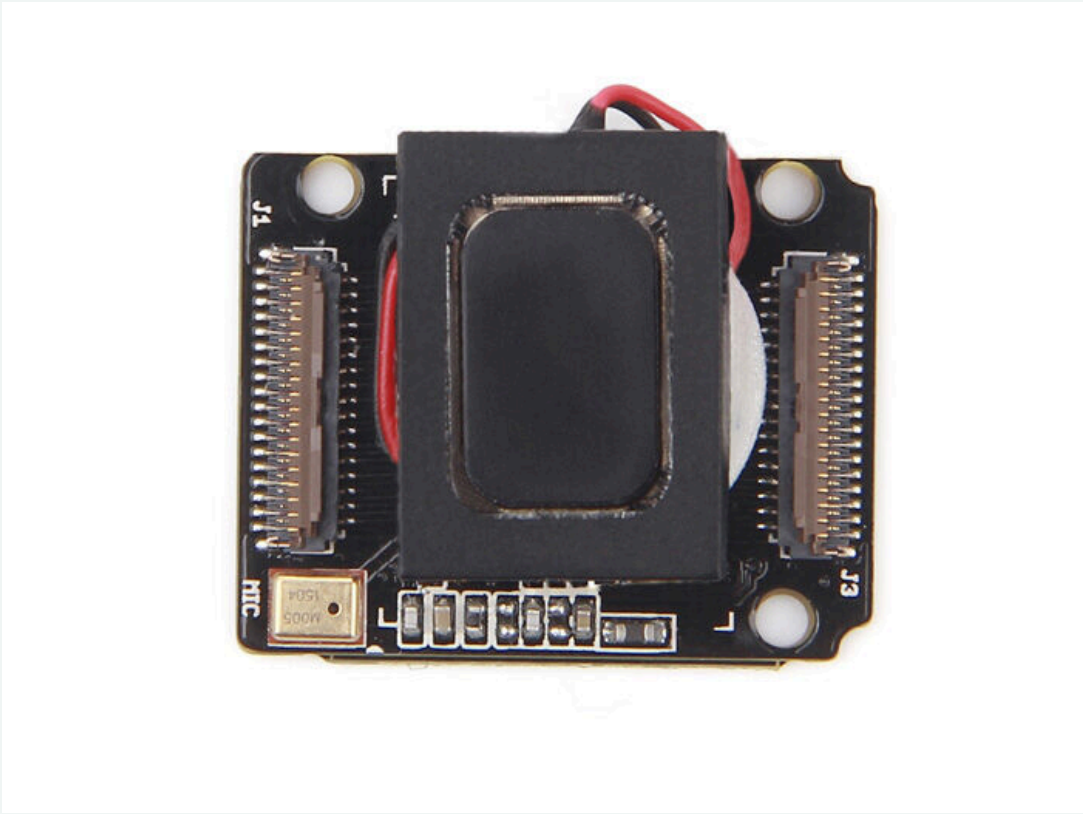
Xadow Audio

A compact audio module integrating a 0.7W speaker and microphone with flat-surface driver and Xadow modular connectivity for DIY projects.

SKU	UPDATED	PRICE
107040001	2026-04-09 12:33:48	$5.00(Excl. VAT)



Overview



The Xadow Audio module combines a 0.7W speaker and microphone on a single board with a flat-surface speaker in a rectangular enclosure for enhanced sound reproduction. It features an open-source modular design with built-in Xadow connectors, making it stackable and chainable for DIY audio and phone projects.

Key Features

The Xadow Audio integrates a speaker box and a microphone on one single board. The speaker unit is rated at 0.7Watt with an impedance of 8 ohm. Unlike the common cone type speakers, the loudspeaker driver used on the Xadow Audio has a flat surface and is mounted in a rectangular enclosure, which enables it to reproduce sounds at an amazing effect.

Include

- Xadow Audio *1
- FPC Cable 35 PIN * 2

Features:

- Open source and modular design
- Built-in enclosure for speaker
- Combines speaker and microphone on one board
- Built-in Xadow Connectors for easy pluggable FPC cables
- Stackable and chainable with other Xadow Modules
- Perfect choice for your audio and DIY Phone projects

Speaker Box:

Resonant Frequency: 900 Hz

Impedance: 8±20% Ω

Rated Power: 0.7 W

MAX. Power: 1 W

Frequency Range: 900 Hz to 20 kHz

Microphone:

Microphone Sensitivity: -42dBV Typ.

Max Input Sound Pressure: 130dB SPL

Dimensions:

Speaker: 13mm X 18mm X 4.5mm / 0.51” X 0.71” X 0.18”

Microphone: 2.95mm X 3.76mm / 0.12” X 0.15”

Board: 25.37mm X 20.30mm / 1’’ X 0.8’’

Product Gallery





Part List

Xadow Audio	1

Compliance & Logistics

HSCODE	8518900090
UPC	841454117582
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Xadow-Audio-p-2554.html
- Xadow Audio Schematic Files
- Datasheet for speaker box and microphone

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