



PRODUCT NAME : Cirrus Logic Audio Card

PRICE : Rs 7,999.00
SKU : RM3302



DESCRIPTION

Unleash the audio capabilities of your Raspberry Pi! The **Cirrus Logic Audio Card**, produced by Element14 in collaboration with Cirrus Logic, offers Raspberry Pi® users similar flexibility to a PC sound-card to capture audio alongside their camera, and experiment with stereo digital capture and playback.

The Cirrus Logic audio board adds a powerful class D amplifier to the Raspberry Pi. The audio board adds inputs for SPDIF, Line in and Microphone as well as outputs for SPDIF, Speakers and a dedicated Headset port.

Features:

- Based on Cirrus Logic's WM5102 audio hub, WM8804 S/PDIF transceiver, and a pair of WM7220 digital microphone ICs.
- Onboard 1.4W per channel class D power amplifier for connection to external speakers (requires separate power supply)
- On-board class D power amplifier for external speakers, with connection to external power source if needed.
- Capable of rendering HD Audio at 24-bit, 192kHz
- 3.5mm 4-pole jack for headphone output, with microphone facility (for headphones w/ boom microphone)
- Small pin header for additional connections

Compatible with: [Raspberry Pi A+](#), [Raspberry Pi B+](#). **Note!** This is NOT compatible with the Model B or Model A! We also have reports it is **not** compatible with the Pi 2

TECHNICAL DETAILS

Inputs:

- 3.5mm jack(4-pole) for a headset/boom mic for gaming or VoIP applications
- 2x On-board MEMS microphone
- 3.5 mm jack stereo line input for connection to devices such as digital audio players (iPod etc.) or mobile phones
- SPDIF Coaxial digital

Outputs:

- 3.5mm jack(4-pole) for a headset/boom mic for gaming or VoIP applications
- 3.5 mm jack for stereo line output for connection to devices such as external stereo amplifiers or powered speakers
- SPDIF Coaxial digital

Software Requirements:

- At this time support is not provided within the current Raspberry Pi image for the Cirrus Logic board. We recommend that you download this [Raspberry Pi Image](#) from Element14 that contains support for the Cirrus Logic audio card.

Dimensions:

- 58mm x 74mm x 28mm / 2.3" x 2.9" x 1.1"