



# StarTech ICUSBAUDIO2D Stereo Audio USB External Sound Card Specifications And Datasheet

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**StarTech ICUSBAUDIO2D Stereo Audio USB External Sound Card**



## Introduction

The ICUSBAUDIO2D External USB Sound Card lets you add a S/PDIF digital audio output and standard 3.5mm analog audio/microphone connections to your system through USB – a convenient way to bypass or replace an internal sound card without having to open the computer case. For home-theater quality sound, the USB DAC (digital-to-analog converter) offers 96KHz / 24-bit sampling rates for both playback and recording and a 3.5mm S/PDIF port with support for Dolby Digital 5.1 surround sound (AC3) and DTS pass-through (**Note:** 5.1 surround sound is supported in Windows only).

This versatile USB audio adapter features an integrated 3.5mm 4-position TRRS connection for your headphones or combination headset/microphone. Also a convenient external volume control for quick adjustments, a hardware EQ switch for Bass or Treble boosting, and an LED status bar to display the current sampling rate. Please note that the microphone input is stereo only. Backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports, and Compatibility

### 1. CE Certification

The product most certainly possesses CE certification, proving that it complies with safety and environmental criteria set by the European Union.

### 2. FCC Certification

Additionally, it can be FCC certified, indicating that it complies with American Federal Communications Commission rules.

### 3. RoHS Compliance

It is possible that this sound card complies with the RoHS regulations, which forbid the use of dangerous materials like lead and mercury and promote environmental protection.

## Compatibility

- **Operating Systems:** Windows 10, 8, 7, Vista, XP macOS, Linux

## Applications

- Connect your computer to a home theater audio receiver through S/PDIF, without opening the case
- Add digital audio support to an Ultrabook or small form factor system with no internal expansion options
- Replace or upgrade the integrated audio on a laptop or portable computer

## Features

- 96KHz / 24-bit Hi-Fi USB Audio
- S/PDIF digital output with AC3 (Dolby Digital) and DTS pass-through support
- 5.1 Surround Sound supported (Windows only)
- 3.5mm headphone/microphone ports
- 4 position TRRS headset with Mic supported
- Hardware volume knob and Bass/Treble boost EQ switch
- LED sample rate indicators
- 16in attached USB cable

## Specifications

### Hardware

- **Warranty:** 2 Years
- **Bus Type:** USB 2.0
- **Chipset ID:** Cmedia CM6533

### Performance

- **Audio Specifications:**
  - 96 KHz / 24-bit Sample Rate
  - Approx 91dB SNR (A-weighting)
  - 16-100ohm Headphone Drive Ability

### Connector(s)

- **Connector Type(s):**
  - 3.5mm Mini-Toslink (SPDIF, Optical)
  - 3.5 mm Mini-Jack (4 Position)
  - 3.5 mm Mini-Jack (3 Position)
  - USB Type-A (4 pin) USB 2.0

### Software

- **OS Compatibility:**
  - Windows XP, Vista, 7, 8, 8.1, 10, 11

- Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019
- Mac OS X 10.6 to 10.8
- *Note: DTS pass-through is supported in Windows 8, 8.1, and 10 only*

## Special Notes / Requirements

- **System and Cable Requirements:** Available USB Port
- **Note:** 5.1 surround sound output is supported in Windows only
- **Note:** Microphone is stereo only.

## Indicators

- **LED Indicators:**
  - Power
  - Playback / Recording sample rate
  - Power

## Power

- **Power Source:** USB-Powered

## Environmental

- **Operating Temperature:** 0°C to 60°C (32°F to 140°F)
- **Storage Temperature:** 0°C to 70°C (32°F to 158°F)
- **Humidity:** 10~90% RH (Non-Condensing)

## Physical Characteristics

- **Color:** Black
- **Material:** Plastic
- **Cable Length:** 16.0 in [40.6 cm]
- **Product Length:** 1.9 in [47 mm]
- **Product Width:** 1.8 in [46 mm]
- **Product Height:** 0.6 in [16 mm]
- **Weight of Product:** 1.2 oz [33 g]

## Packaging Information

- **Package Length:** 5.6 in [14.3 cm]
- **Package Width:** 6.8 in [17.3 cm]
- **Package Height:** 1.3 in [32 mm]
- **Shipping (Package) Weight:** 3.7 oz [106 g]

## What's in the Box

- USB Stereo Audio Adapter
- Software CD
- Instruction Manual

Product appearance and specifications are subject to change without notice.

## FAQ's

What is the StarTech ICUSBAUDIO2D External Sound Card?

The StarTech ICUSBAUDIO2D is an external USB sound card that allows you to enhance your computer's audio capabilities by providing stereo audio input and output through a USB connection.

What are the key features of this external sound card?

The key features of the StarTech ICUSBAUDIO2D include stereo audio input and output, a USB interface, plug-and-play compatibility, and support for various audio applications.

Is this external sound card compatible with Windows and Mac operating systems?

Yes, the StarTech ICUSBAUDIO2D is compatible with both Windows and Mac operating systems, making it versatile for various computer setups.

What audio quality does this sound card support?

This external sound card typically supports 16-bit and 48 kHz audio quality, providing clear and crisp stereo sound for your computer.

How do I install and use this external sound card?

Using the StarTech ICUSBAUDIO2D is straightforward. Simply plug it into an available USB port on your computer, and it should be automatically recognized as a sound device. No additional drivers or software installation is usually required.

Can I use this external sound card for audio recording and playback?

Yes, you can use the StarTech ICUSBAUDIO2D for both audio recording and playback. It provides stereo audio input and output, making it suitable for various audio applications.

Does it have volume control or mute functions?

The StarTech ICUSBAUDIO2D may have volume control functions, but specific features may vary. Check the product details for information on volume control and mute functions.

Is this external sound card suitable for gaming and multimedia applications?

Yes, you can use the StarTech ICUSBAUDIO2D for gaming and multimedia applications, enhancing your audio experience on your computer.

What is the cable length of this external sound card?

The cable length of the StarTech ICUSBAUDIO2D may vary, so please refer to the product specifications for the exact cable length.

Is there a warranty provided for this external sound card?

Yes, StarTech typically provides a warranty for their products, including the ICUSBAUDIO2D. The duration of the warranty may vary, so refer to the warranty details provided with your specific product.

Can I connect external speakers or headphones to this sound card?

Yes, you can connect external speakers or headphones to the StarTech ICUSBAUDIO2D using the available audio output port, improving your audio playback experience.

Does this sound card have any LED indicators or status lights?

The StarTech ICUSBAUDIO2D may or may not have LED indicators or status lights. Check the product details for information on indicator lights.

Is the StarTech ICUSBAUDIO2D available in different colors or styles?

The StarTech ICUSBAUDIO2D is typically available in a standard design. Variations in colors or styles may be limited, and the product details will specify available options.

**References:** [StarTech ICUSBAUDIO2D Stereo Audio USB External Sound Card – Device.report](#)