

## Introduction

The SC8000 is a high-end stereo sound card uses high quality components and precision layout. Let your desktop PC to deliver unparalleled audio quality for music playback. Built-in 120dB SNR DAC and powerful headphone OP amps, you can easily hear the sound detail, through CMEDIA's Xear3D technology, it will create multi-channel virtual surround sound through headphones or pair of speakers. SC8000 is great and valuable gear for audiophiles or music enthusiasts to build up a stereo high definition playback system.

## Features

- Stereo Sound board uses high quality components and precision layout

- Uses CMEDIA CMI8787 high end 32-bit Audio Processor

- Uses AKM AK4396 high quality DAC ; THD+N: - 100dB; SNR: 120dB

- Uses JRC4580 high quality OP, low distortion: 0.0005% typ.

- Uses high precision resistors to reduce the noise of differential amplifier

- Uses SUNCON capacitors to reduce coupling distortion by low resistance and high stability

- Uses SANYO OS-CON capacitors and four layers PCB, fully separates the power and ground level to provide clear and stable power for analog audio outputs and reduces the noise.

- Layout can reduce noise and cross talk.

- Direct Coupling Amplifier circuitry avoids bass loss

### Specifications

- 24-bit/192kHz High Resolution Stereo Out

- RCA Stereo Line-Out

- 6.3mm Stereo Headphone Out, can mute Line-Out when Headphone is plugged in.

- Headphone Amplifier with 75mW Output Power

- Supports S/PDIF Coaxial and Optical Outputs

- Measured SNR: 115dB

- Measured THD+N: -90 dB

- Measured Stereo Cross-Talk: -105dB (10K ohms Loading)

- Virtual 7.1 Surround Sound feature

- Built-in Sound Effects for varied listening experience.

- Compatible with Windows 7, Vista and XP

## Requirements

Available PCI slot

Intel® Pentium 4 or AMD® processor equivalent

Intel, AMD or 100% compatible motherboard

1GB RAM

100MB of free hard disk space

Windows 7 / Vista / XP

CD-ROM/DVD-ROM drive for installation

## Contents

SC8000 PCI audio card

Gold plate TRS connector (6.3mm to 3.5mm)

User manual

Installation CD