



Amber SC06/08P Overview

Amber series powered speakers are designed for intelligent network system construction and have digital and analog dual-link backup inputs. This series of powered speakers uses TENDZONE's proprietary audio processing technology to achieve natural sound playback and inherit TENDZONE's good sound quality. It uses TENDZONE Vailink network transmission protocol and realizes network audio transmission through the RJ45 network interface with mutual backup function. It provides stable and safe protection for major integration projects.

Features

- ◆ Built-in digital signal processing, using Chinese Rockchip ARM as the processing and management core
- ◆ Support PoE++/PoE+ power supply
- ◆ Adopting Vailink network audio transmission protocol, it seamlessly connects with AI audio algorithm processing service platform. The platform design software can uniformly design signal routing and management, manage multiple devices in a unified manner, and remotely switch devices on and off
- ◆ 2 Vailink gigabit network interfaces, supporting dual-link transmission and redundant backup. If one link fails, it will automatically and seamlessly switch to the other link
- ◆ The platform software can remotely monitor the working status of the speaker, including: output current, output voltage, temperature, output protection status warning, amplifier module channel mute status display, output limit warning

Application

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|---------------------|------------------|------------------|
| ● Meeting Rooms | ● Courtrooms | ● Hotels |
| ● Conference Center | ● Classrooms | ● Lecture Halls |
| ● House of Worship | ● Training Rooms | ● All Hand Space |

SPECIFICATIONS

General Parameters		
Model	Amber SC06P	Amber SC08P
Low Frequency Unit	6 inches	8 inches
High Frequency Unit	1 inch coaxial horn tweeter	

Speaker Rated Power	60W（POE++）	
Maximum SPL	103dB continuous, 107dB peak	106dB continuous, 109dB peak
Frequency Response (-10dB)	80Hz-20kHz	70Hz-20kHz
Coverage Angle	H100° ×V100°	H90° ×V90°
Working Mode	Adopt dual power amplifier drive: low frequency, high frequency; signal processing: domestic ARM	
Functions		
Connection	Vailink protocol, 2 RJ45, 1000M/100M adaptive, dual-link transmission & management, automatic switching	
Management	Centrally managed by the audio algorithm processing service platform, seamless connection	
Remote Switch	The platform remotely manages the device's switch	
Working Status Monitoring	Output current, output voltage, load, temperature, output protection status warning, mute status display, output limit warning	
Device Search	Remote search, speaker brand backlight flashes	
Display Screen	1.5-inch LCD display, can display device information and parameters, can turn pages and confirm parameters through encoder	
User Control	Supports adjusting volume, mute, and page	
Electrical and Physical Parameters		
Power Supply	PoE++/PoE+, 802.3bt, compatible with 802.3at	
Operating Temperature	0~45℃	
Dimensions	Φ 264×202mm	Φ 320×285mm
Installation Hole Size	Φ 240mm	Φ 290mm
Weight	3.7kg	4.7 kg

Rear Panel

