SoundWedge.

Product Name

SoundWedge S16 Series

Category

Premium Retail Demo Playback & Control System

Ideal for

Headphone Walls	Portable Speaker Displays	Integrated AV Mechandising

S16 SERIES

The Ultimate Control and Play System.

The SoundWedge S16 Series:

The SoundWedge S16 Series is the ultimate control and playback system for high-performance in-store demos of headphones and portable audio gear. Engineered to drive up to six audio zones, each system delivers studio-quality sound and intuitive user interaction through rotary dials, push buttons, or touch panels.

Choose from two models:

S16A – An affordable solution for analog 3.5mm audio demos with straightforward setup.

S16B – A premium model with digital audio, USB-C support, 4K video output, and Dolby Atmos® playback, tailored for advanced AV demos.

With optional 4G connectivity, the S16 Series enables remote content updates, real-time analytics, and fleet monitoring, eliminating the need for onsite maintenance.

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Key Features

Up to 6 Output Zones – Connect headphones or speakers via modular T1 terminals (RJ45).

Hi-Res Audio Playback – Up to 24-bit / 192 kHz (S16B) for professional-grade demonstrations.

Multi-Control Compatibility – Supports push buttons, rotary dials, and custom touch panels.

Plug-and-Play Design – Quick setup with MicroSD playback and preloaded demo tracks.

Video Output (S16B only) – HDMI output up to 4K UHD @ 60Hz with HDR, Dolby support.

USB-C Audio & Charging (S16B) – Ideal for showcasing USB-C headphones or portable speakers.

Future-Ready Remote Access – Optional 4G module for remote content sync, display health, and interaction tracking.

SoundWedge Advantages

Endorsed by global AV brands and deployed in flagship retail locations.

Developed entirely in-house with quality assurance and compliance testing.

Designed for longevity, with modular upgrades and minimal maintenance.

Supports custom branding, interface overlays, and installation styles.

Retail Use Cases

Headphone Displays

Let shoppers A/B test multiple audio products, switching between models with a button or dial.

Portable Speaker Demos

Feature high-resolution audio and volume tests in open environments.

Hybrid Audio/Video Stations (S16B)

Use synchronized video and sound for a full brand immersion experience.

Live Product Charging

Demonstrate battery-powered products while actively charging via USB-C.

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Tech Specifications

	S16A	S16B
Audio Output	16-bit / 44.1 kHz	24-bit / 192 kHz
Dolby Support	–	Dolby Digital / Plus / Atmos®
Video Output	–	HDMI 4K @ 60Hz, HDR, CEC
Audio Connections	3.5mm Analog	USB-C & 3.5mm (Digital/Analog Combo)
T1 Terminal Adapters	T1A	T1B / T1HD
Control Options	Push, Rotary Buttons	Push, Rotary Buttons
Remote Connectivity	Optional 4G module	Optional 4G module
Content Update	Local MicroSD	MicroSD + USB + Remote (via 4G)
Storage	16–64GB MicroSD	16–64GB MicroSD
Supported Formats	WAV	WAV, MP3, M4A, FLAC, APE, MP4, AVI
Power Supply	100–240V AC / 12V DC	100–240V AC / 12V DC
Dimensions (Main Unit)	152 × 88 × 30 mm	152 × 88 × 30 mm
Mounting	Yes	Yes

Package Contents

S16 Media Player (A or B model)

T1 terminals (varies per setup)

RJ cables for S16 and T1's

Power Supply (100–240V AC)

Quick Start Guide

Preloaded MicroSD with curated demo content

Optional Accessories

Custom rotary dial control kits

Touch panel overlays

4G upgrade module (includes remote

Technical Compliance & Support

Operating Temp: 0°C to 50°C

Multi-region electrical compliance

3-Year Manufacturer Warranty

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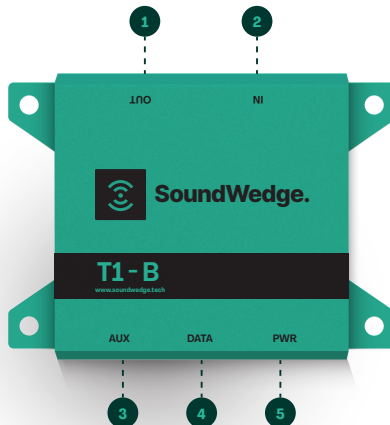www.soundwedge.tech

Hardware Specifications

COM HDMI USB MicroUSB DC 12V

S16B
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www.soundwedge.tech
Model - S16A
SoundWedge Products

01 02 03 04 05 06

S16B Specs

1. Ethernet (S16B) / Serial (1S6A)
2. HDMI (S16B Only)
3. USB
4. Micro SD
5. 12V DC / Status LEDs
6. RJ45 to T1

T1B

OUT IN

T1 - B
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AUX DATA PWR

T1B Specs

1. RJ12 (peripherals)
2. RJ45 from S16 (ports 1-6)
3. AUX to Product
4. USB Data to Product
5. 5V Charging to Product

S16 / T1 SERIES

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