Yealink Ceiling Speaker CS10 Datasheet

2-Way Coaxial Networked Ceiling Loudspeaker for Exceptional Sound Quality

The Yealink CS10, a low-profile (120mm) 2-way coaxial network speaker, excels in video conferencing with its exceptional audio performance. Designed specifically for the modern meeting environment, the CS10 blends high-quality audio with an elegant, minimalist design, making it a perfect match for contemporary conference rooms.

Versatile and engineered for ease of use, the CS10 is a PoE-enabled speaker that can be optionally deployed with a variety of supplementary components, simplifying installation across diverse ceiling types. Its covert design establishes the CS10 as more than just a speaker – it is an essential addition to your meeting space, enhancing both visual and auditory experiences.

The CS10 is not just a functional device for your conference room; it's a statement of elegance and technological prowess, representing the ideal audio solution for your professional needs.

Key Features and Benefits

Innovative Coaxial Structure

Features a 2-way coaxial setup with a robust 5.7-inch LF Woofer and a crisp 1.1-inch HF Tweeter for high-fidelity audio delivery.

Acoustically tuned design for speech

Boasts impressive acoustic parameters, with a sensitivity of 88dB@1W 1m and a maximum SPL of 99dB@20W 1m, ensuring clear, powerful sound. With an acoustically tuned design for speech clarity, ideal for conferences and presentations.

PoE-Enabled Active Speaker

CS10 masterfully blends active speaker functionality with integrated DAC and PoE technology, enabling swift digital signal processing from the network for a hassle-free setup and minimal latency, tailored for dynamic professional scenarios.

Versatile Deployment

Offers diverse indoor installation solutions, compatible with various ceiling types and grid systems, ensuring easy adaptation to any interior design.

Sophisticated Design

Features a detachable, paintable magnetic grille in black and white, adding to its sleek, low-profile (120mm) look that complements any modern interior.

Specifications

Parameters	Description
Package Content	• CS10 Speaker • White Mesh Cover (Black Optional) • Quick Start Guide • Assembly Fixing Bracket • Dust Cover • Deployment Instruction Template • Bracing Bridge • Dust Cover Screw × 6 (M3 × 4CMHOZN3)

Audio Specifications	• Frequency Response (-6dB): 100-20kHz
	• Maximum SPL:
	  ○ Continuous: 99dB @20W 1m
	  ○ Sensitivity: 88dB@1m 1W

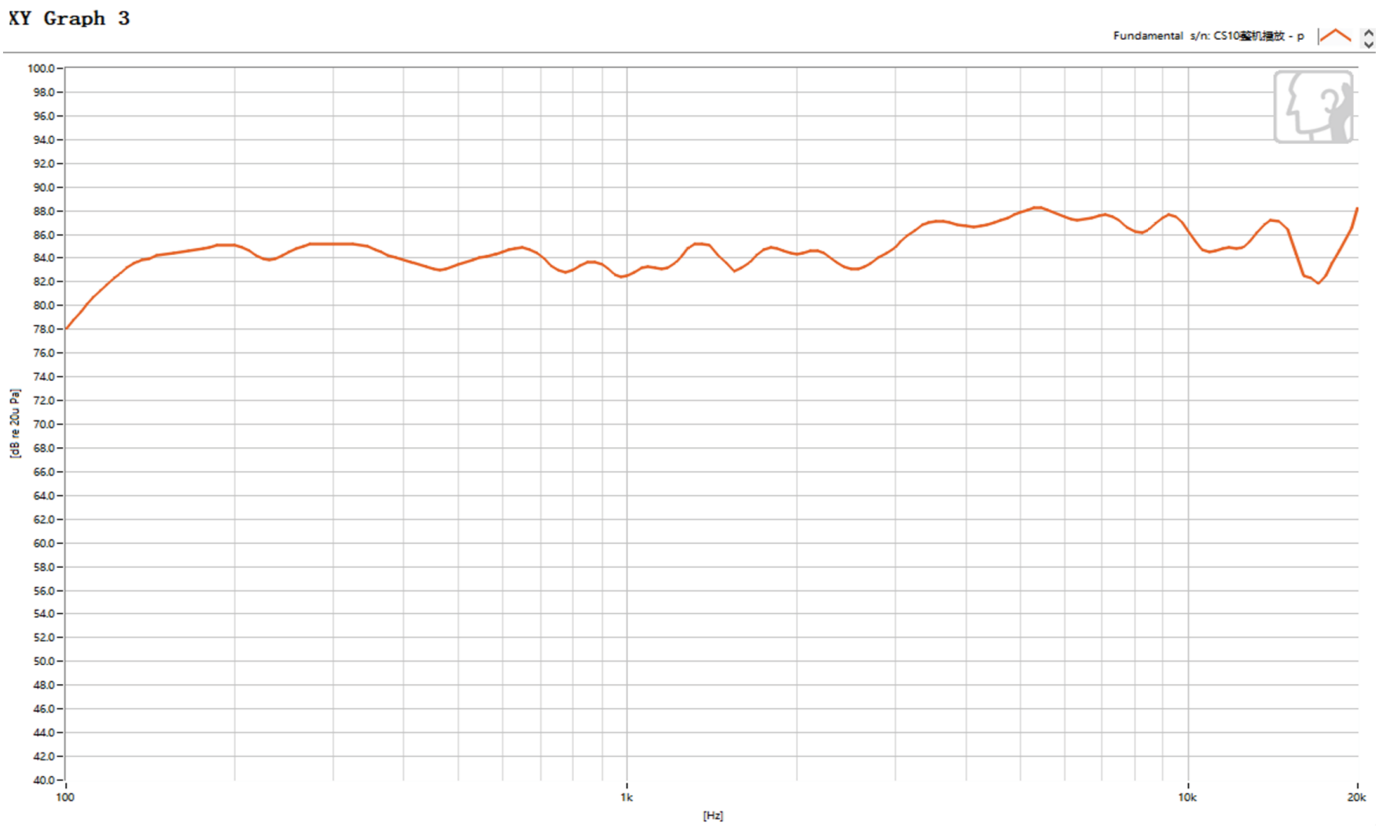
Speaker Specification	• LF: 5.7 inch (145 mm) woofer

	• HF: 1.1 inch (28 mm) tweeter • Nominal Impedance: 8Ω • Nominal Coverage Angle: 120 • Speaker Frequency Response: 100-20kHz • Sensitivity: 88dB • Sound emission angle:120 • Rated Power: 24W • Typical Power: 20W • Total Harmonic Distortion (THD): <1% • Power Supply: PoE+ (IEEE802.3 at class 4)

Product Specifications	• Size:
	  ○ ф294*H125.8 mm (with cover mesh)
	  ○ ф287.2*H125 mm (without cover mesh)
	• Weight:
	  ○ 2808 g (without cover mesh)；
	  ○ 207 g (Cover mesh)
	• Product Color: white/black
	• Cover Mesh Color: white/black
	• Product Materials:
	  ○ Cover Mesh: PC/ABS Welded SPCC
	  ○ Main Body Shell: PA (Polyamide) with 15% GF

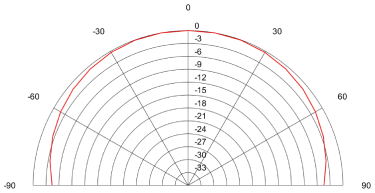
	◦ Bottom Shell: aluminum alloy ◦ Cover Plate: PC/ABS and SGCC • Plenum Rated UL 2043 (suitable for air handling spaces)
Physical Specifications	• Operating Temperature: 0-50°C • Storage Temperature: 0-50°C • Operating Humidity: 5%~90% • Interface: 1 RJ-45
Logistic Information	• Canton Size: 398 × 355 × 185 mm • N.W/CTN: 4.628 kg • G.W/CTN: 5.597 kg

Frequency Response

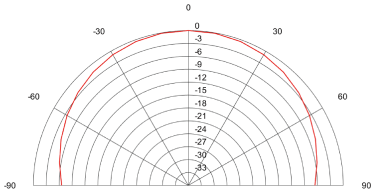


Polar Pattern

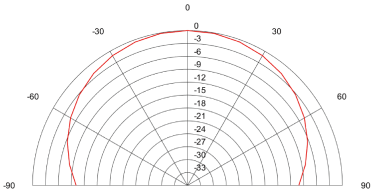
100Hz



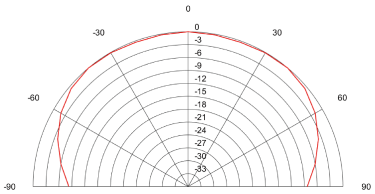
250Hz



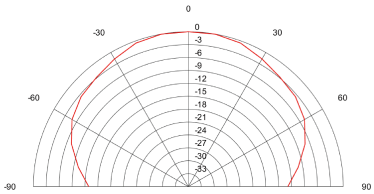
500Hz



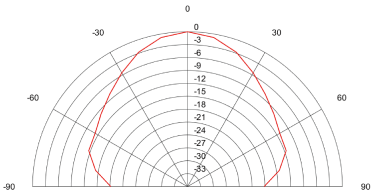
1000Hz



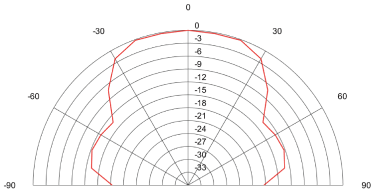
2000Hz



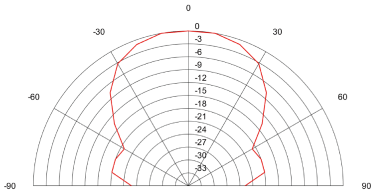
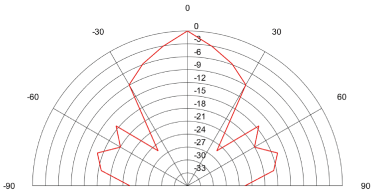
4000Hz



8000Hz



16000Hz



20000Hz