

# 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 optionally be 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**

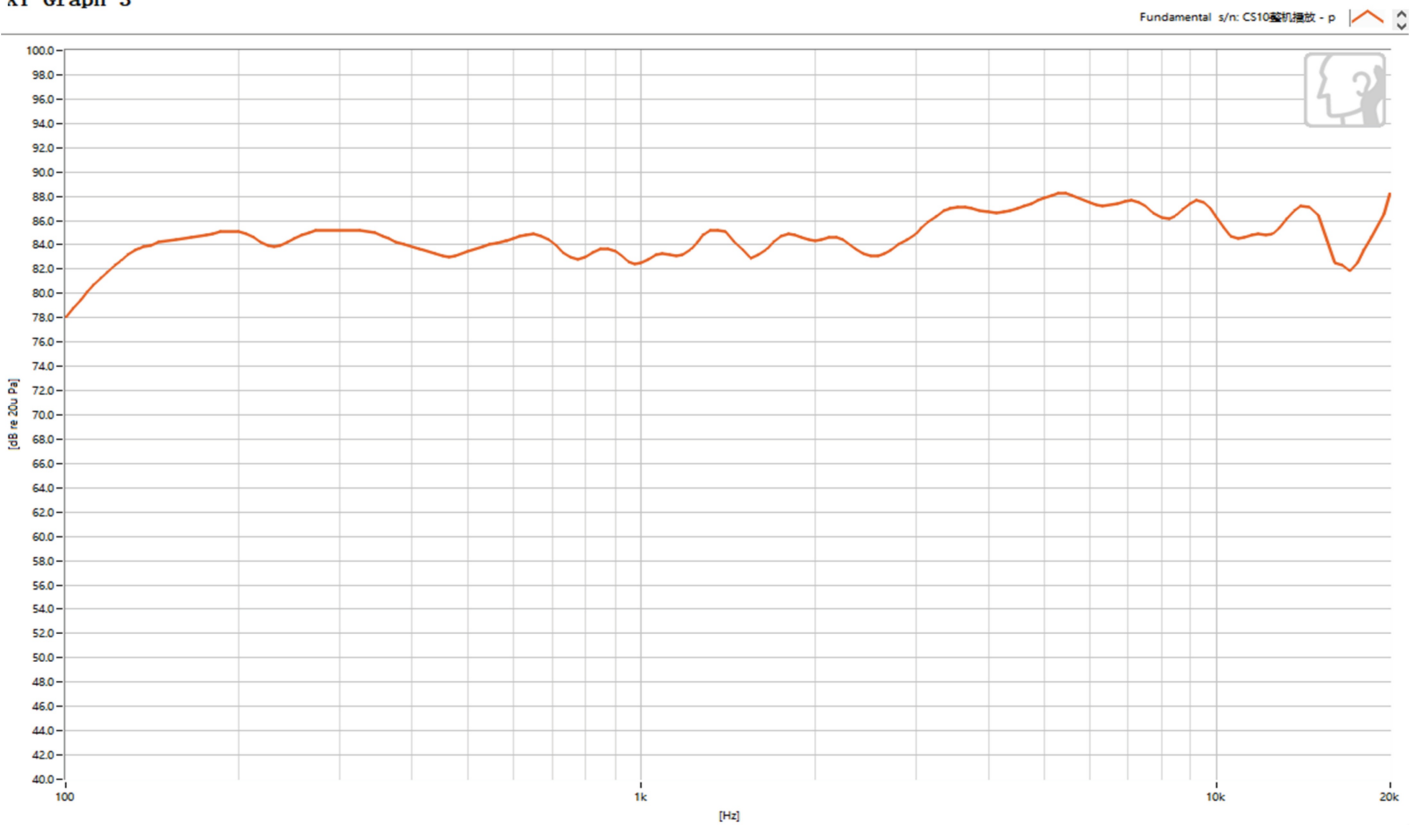
<p>Package Content</p>	<ul style="list-style-type: none"> <li>• CS10 Speaker</li> <li>• White Mesh Cover (Black Optional)</li> <li>• Quick Start Guide</li> <li>• Assembly Fixing Bracket</li> <li>• Dust Cover</li> <li>• Deployment Instruction Template</li> <li>• Bracing Bridge</li> <li>• Dust Cover Screw × 6 (M3 × 4CMHOZN3)</li> </ul>
<p>Audio Specifications</p>	<ul style="list-style-type: none"> <li>• Frequency Response (-6dB): 100-20kHz</li> <li>• Maximum SPL:</li> <li>• Continuous: 99dB @20W 1m</li> <li>• Sensitivity: 88dB@1m 1W</li> </ul>

<p>Speaker Specification</p>	<ul style="list-style-type: none"> <li>• LF: 5.7 inch (145 mm) woofer</li> <li>• HF: 1.1 inch (28 mm) tweeter</li> <li>• Nominal Impedance: 8Ω</li> <li>• Nominal Coverage Angle: 120</li> <li>• Speaker Frequency Response: 100-20kHz</li> <li>• Sensitivity: 88dB</li> <li>• Sound emission angle:120</li> <li>• Maximum Power: 24W</li> <li>• Rated Power: 20W</li> <li>• Total Harmonic Distortion (THD): &lt;1%</li> <li>• Power Supply: PoE+ (IEEE802.3 at class 4)</li> </ul>
<p>Product Specifications</p>	<ul style="list-style-type: none"> <li>• Size:             <ul style="list-style-type: none"> <li>◦ φ294*H125.8mm (with cover mesh)</li> <li>◦ φ287.2*H125mm (without cover mesh)</li> </ul> </li> <li>• Weight:             <ul style="list-style-type: none"> <li>◦ 2808g (without cover mesh);</li> <li>◦ 207g (Cover mesh)</li> </ul> </li> <li>• Product Color: white/black</li> <li>• Cover Mesh Color: white/black</li> <li>• Product Materials:             <ul style="list-style-type: none"> <li>◦ Cover Mesh: PC/ABS Welded SPCC</li> <li>◦ Main Body Shell: PA (Polyamide) with 15% GF</li> <li>◦ Bottom Shell: aluminum alloy</li> <li>◦ Cover Plate: PC/ABS and SGCC</li> </ul> </li> <li>• Plenum Rated UL 2043 (suitable for air handling spaces)</li> </ul>

<p>Physical Specifications</p>	<ul style="list-style-type: none"> <li>• Operating Temperature: 0-50°C</li> <li>• Storage Temperature: 0-50°C</li> <li>• Operating Humidity: 5%~90%</li> <li>• Rated Power: 24 W (Typical power 20 W)</li> <li>• Power Supply: PoE+ (IEEE 802.3at class 4)</li> <li>• Interface: 1 RJ-45</li> </ul>
<p>Logistic Information</p>	<ul style="list-style-type: none"> <li>• Canton Size: 398 × 355 × 185mm</li> <li>• N.W/CTN: 4.628kg</li> <li>• G.W/CTN: 5.597kg</li> </ul>

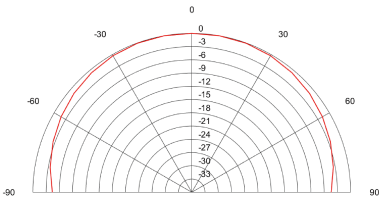
### Frequency Response

XY Graph 3

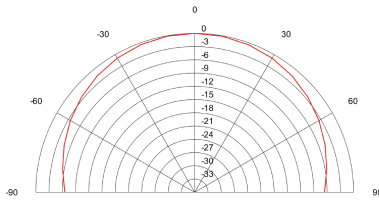


### Polar Pattern

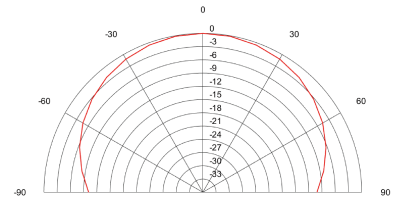
100Hz



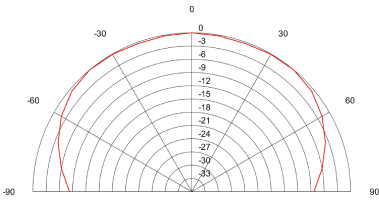
250Hz



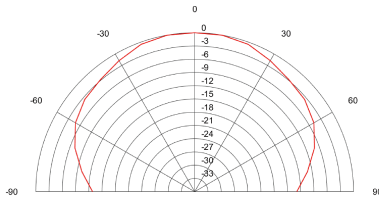
500Hz



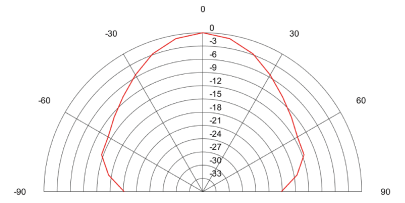
1000Hz



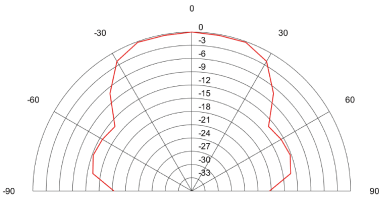
2000Hz



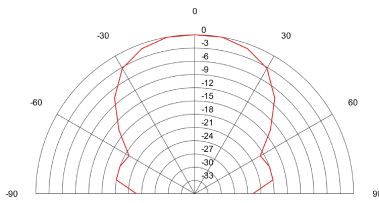
4000Hz



8000Hz



16000Hz



20000Hz

