

Yealink MVC S90 Room Solution



Yealink MVC S90 Room Solution Instructions

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A: It's not recommended to connect more than 3 speakers simultaneously to RCH40 E2 to avoid power shortage risks.

Q: What is the coverage area of the CM20 microphone?

A: The CM20 microphone provides extensive coverage of up to 60m2, enabling high-fidelity full-duplex audio capture within 30 m2.

Q: What is the purpose of the MVC S90 system?

A: The MVC S90 system is designed for ultra-large conference spaces and supports a wide range of AI functionalities, facilitating flexible and automated speaker tracking.

SYSTEM DESIGN GUIDE

Extra-Large Meeting Room with ProAudio Devices

- In the realm of extra-large meeting rooms, Yealink's MVC Room Solution serves as the avant-garde foundation, synergistically complemented by the cutting-edge MVC S90 multi-camera configuration, to deliver an unparalleled and highly optimized intelligent audio-video conferencing experience. This holistic solution encompasses an independent and robust audio-video network architecture, meticulously engineered to ensure the utmost security, resilience, and fidelity in the transmission of audio and video data, thereby establishing an unrivaled conferencing ecosystem for large-scale deployments.



Key Features

Full Scheme Teams and Unobtrusive Ceiling Integration

- Yealink's comprehensive solution has obtained Microsoft Teams certification, ensuring seamless integration and interoperability. The entire deployment process is straightforward and efficient, catering to communication requirements in various scenarios. Removable magnetic suction mesh covers and a completely embedded ceiling design enhance the aesthetic appeal of the ceiling integration.

Enhanced Beamforming Audio Capture

- The Yealink CM20 is equipped with 16 omnidirectional microphone units, offering unparalleled audio fidelity across 8 autonomous pickup zones. Each CM20 microphone provides extensive coverage of up to 60 m², enabling high-fidelity full-duplex audio capture within 30 m². This exceptional performance makes it an optimal choice for medium to large-scale environments, ensuring an elevated and immersive vocal playback experience.

Crystal Vocal Playback Experience

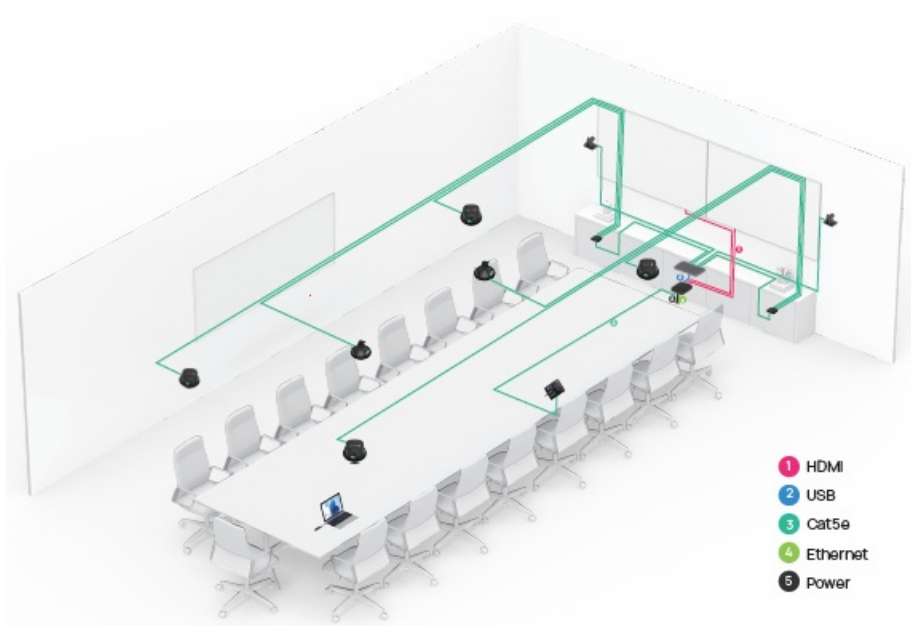
- Yealink employs meticulous professional audio tuning techniques to optimize the speakers for meeting room settings, ensuring exceptional vocal clarity and prominence. Through precise calibration, Yealink achieves an exemplary Crystal Clear Vocal Playback Experience, immersing participants in an elevated auditory encounter where voices are rendered with remarkable precision and distinction.

Integrated DSP and AI-based Audio Processing

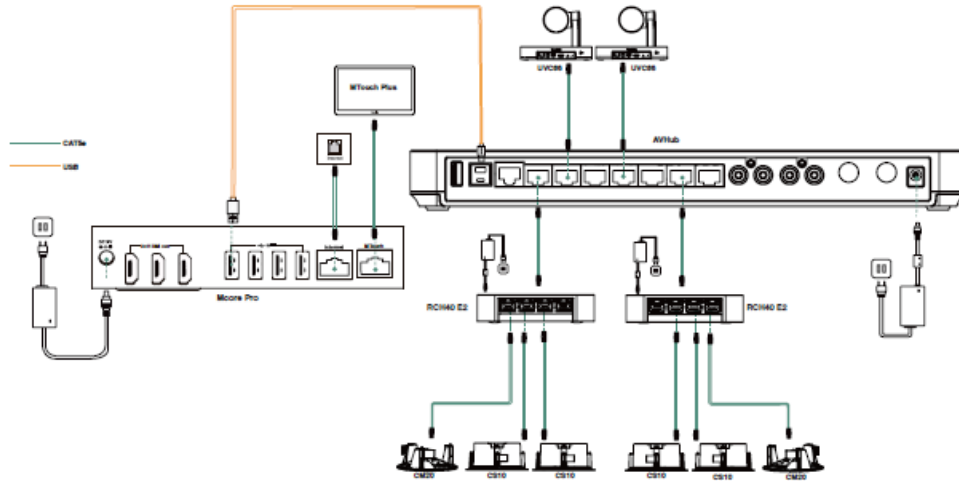
- Equipped with an integrated DSP, CM20 offers plug-and-play functionality with Yealink MVC systems, removing the need for external audio processing. Yealink's exclusive intelligent noise cancellation and reverberation suppression algorithms leverage advanced signal processing techniques to dynamically optimize room acoustics, minimizing the degradation of human speech. This cutting-edge technology provides a superior acoustic experience, delivering exceptional sound quality with enhanced clarity and intelligibility.

Meeting Scenario

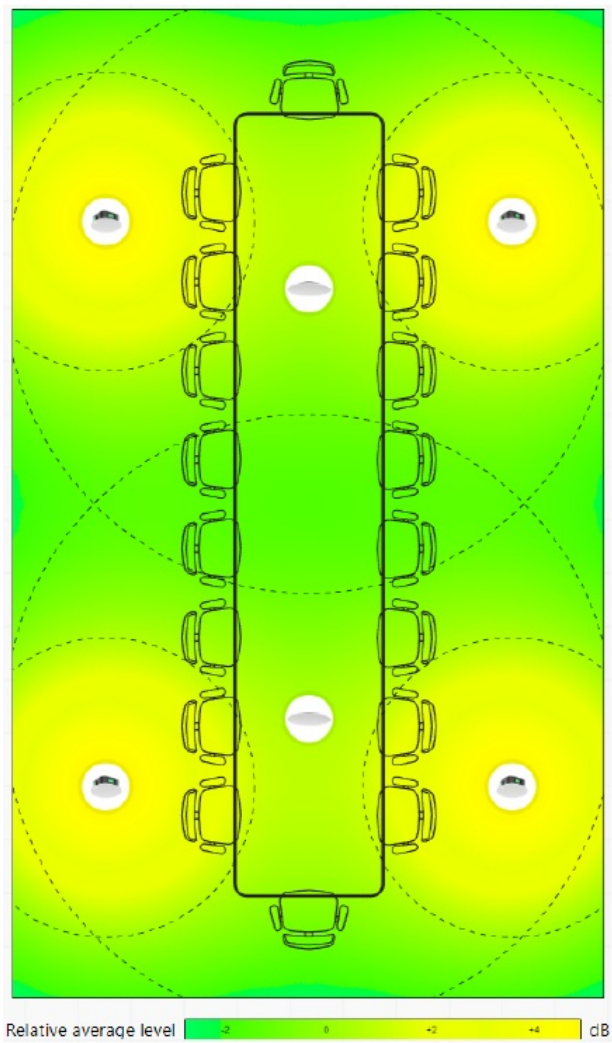
- Room Dimension: 6 × 10 m
- Ceiling Height: 2.7-3.3 m
- RT60 Value: 500-800 ms
- Noise Level: 42-48 dBA




Connection



Device Coverage Area



Yealink Equipment List

Quantity	Product	Introduction
2	CM20	The Yealink CM20 is a premium ceiling microphone, expertly crafted to enhance audio performance in professional conference settings. Its 8 beams provide precise talker tracking.
4	CS10	The Yealink CS10, a low-profile 2-way coaxial network speaker, excels in video conferencing with its exceptional audio performance. CS10 blends high-quality audio with an elegant, minimalist design, making it a perfect match for contemporary meeting rooms.
2	RCH40 E2	<p>RCH40 E2 is a compact and user-friendly meeting room switch introduced by Yealink. It features disabled EEE (Energy Efficient Ethernet) functionality and supports Dante and AES67 protocols for audio transmission.</p> <p> RCH40 E2 supports connecting 2 speakers + 2 microphones. It's not recommended to connect more than 3 speakers simultaneously to RCH40 E2 to avoid power shortage risks.</p>
1	MVC S90	Yealink offers a proprietary multi-camera solution specifically designed for ultra-large conference spaces. The MVC S90 combination boasts the capability to support a wide range of AI functionalities, facilitating flexible and automated speaker tracking. The S90 system excels in independently executing tasks such as portrait cropping and image stitching, thereby delivering a seamless integrated intelligent conferencing experience.

About Yealink

- Yealink (Stock Code: 300628) is a global-leading provider of Unified Communication & Collaboration Solutions specialized in video conferencing, voice communications, and collaboration, dedicated to helping every person and organization embrace the power of “Easy Collaboration, High Productivity”. With best-in-class quality, innovative technology, and user-friendly experiences, Yealink is one of the best providers in more than 140 countries and regions, ranks No.1 in the global market share of IP Phone, and is the Top 5 leader in the video conferencing market (Frost & Sullivan, 2023). For more information about Yealink, click here.

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Technical Support

- Visit Yealink WIKI (<http://support.yealink.com/>) for firmware downloads, product documents, FAQs, and more. For better service, we sincerely recommend you to use the Yealink Ticketing system (<https://ticket.yealink.com>) to submit all your technical issues.



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Documents / Resources

	<p>Yealink MVC S90 Room Solution [pdf] Instructions MVC S90, CM20, MVC S90 Room Solution, MVC S90, Room Solution, Solution</p>
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References

- [Yealink Support](#)
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- [Yealink Ticket](#)
- [User Manual](#)

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