

Yamaha's New ADECIA Tabletop Solution Brings Clear Scalable Sound to Office-based Audio Conferencing



Yamaha is expanding its ADECIA conferencing solution family with the new wired RM-TT Tabletop Microphone. The ADECIA Tabletop Solution, like the ADECIA Ceiling System, is based on Dante audio networking and is comprised of the dedicated RM-CR conference processor, VXL1-16P line array speakers and optimized SWR2311P-10G PoE+ switch for a comfortable and effortless remote conferencing experience. With innovative DSP technology built in to maximise voice capture, the RM-TT relays speech in high quality, with maximum flexibility and scalability.

Good audio quality in office-based conferencing can be difficult to achieve, with spaces like boardrooms not designed with acoustics in mind. They often include large reflective tables and participants can be several metres from the microphone. The ADECIA Tabletop Solution overcomes these problems thanks to the powerful Yamaha DSP technology in the new low-profile, wired RM-TT Tabletop Microphone. This includes innovations such as auto voice tracking, auto gain control, adaptive echo cancellation, noise reduction and reverberation suppression.

“With a ‘hybrid’ style of working, training and learning - partly office-based, partly at home - now becoming commonplace, high quality conferencing systems are more vital than ever to ensure seamless professional communications,” says

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Marcus-Michael Müller, Manager Sales and Marketing UC Europe. "With the additional option of Yamaha's RM-TT tabletop microphone, users have more flexibility to customize ADECIA to their use case."

All ADECIA solutions are easy-to-set-up, with automated room tuning making them suitable for a wide variety of spaces thanks to the RM-CR, which handles all auto mixing and auto configuration.

When the RM-CR processor and RM-TT tabletop microphones are combined, the unique voice tracking function automatically selects the microphone closest to the person speaking for optimal voice capture. For example, this can be when a meeting participant moves from the conference table to a whiteboard or a teacher is moving around a classroom.

Up to eight RM-TT pods can be easily added to the system for truly scalable solutions, connecting them via a PoE switch to the RM-CR conference processor. The RM-CR lets users customise room capture patterns by choosing one of six directional modes for each microphone pod. These modes - cardioid, super-cardioid, hyper-cardioid, omnidirectional, bidirectional or toroidal - can be used to divide rooms into dedicated zones for different participants, reduce noise from other people in the room and ensure that, even if the person speaking moves around, their voice will be clearly heard.



The complete solution automatically detects all components of the system and optimizes them for the room environment, taking into account the location of speakers and microphones, reverberation, and any echo. Setting up a room is done through the system's configurator in five effortless steps. With USB, Bluetooth, Dante, and analogue connections, this flexible system is suitable for a variety of enterprise or meeting spaces and classrooms.

The ADECIA Tabletop Solution, including RM-TT microphone, will be available in summer 2021.

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