



## PRODUCT FEATURE

### TIM-1000 Trackable Intelligent Microphone

Ever since the formal launch of TIM-1000, our award-winning tracking intelligent microphone, people have been curious to see how it sounds, reacts and adjusts to the environment it is in. This revolutionary product eliminates several factors that typically impede speech intelligibility. Coupled with outstanding sound quality, TIM is at the right place and time to create a new standard for huddle rooms, conference rooms and videoconferencing facilities.

TIM offers integrators the ease of a simplified and streamlined installation. Key to TIM's success is the solution's ability to self-configure in any space and Clockaudio's Adaptive Proximity Technology© (APT). This APT allows TIM to keep a consistent sound level for the person speaking and automatically compensates for the distance of the participant from the microphone while maintaining real time audio capture. Basically, TIM looks for a source of sound, independent of its location and since it is not tied down to any preprogrammed, fixed lobes it can easily adapt to multi-use or reconfigurable rooms.

With TIM 1000, any steady noise in the room (like a projector or the HVAC system), will be attenuated so the room sounds quieter to users at the far end of the room. TIM's tracking feature eliminates the need to pre-set lobes pointing in a specific direction. In the event that a person speaking gets up from their chair to point out a graph on a wall mounted display, the shotgun pattern TIM creates will follow the speaker, wherever he or she goes in that room, and will adjust the output level as if there was a boom operator following them as they walk around.

For some applications, having lobes pointing at chairs is ideal and this is what the users expect from a ceiling microphone. With TIM, the space that gets covered isn't limited to the seats around the table, so there is no need to have lobes pointing at chairs (like some other ceiling microphones require). Instead, TIM is quite capable of covering an entire room up to 25' X 25' with superior sound quality.

For smaller Huddle rooms, which are becoming more popular, TIM is the perfect solution. No matter how many people, wherever they choose to stand or sit, TIM will capture every word that is said in the room. For integrators, TIM's 'no set-up needed' and ease of installation goes hand in hand with keeping the huddle room design cost effective. Saving time (and therefore saving money), an installation including a LCD display, a computer or Laptop interface, a camera and TIM 1000 hooked up to a Dante-to-analog device, using a soft Codec, could take a couple of hours instead of a couple of days.

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Whether you hook TIM up to a sophisticated system, or simply to a computer running the new Dante software and using a soft codec, TIM sets up quickly and works instantly to capture and adjust every voice in that room to make them sound even, wherever those voices are in the room. In fact, TIM is ready to use in less than one minute after it is hooked up to the PoE Dante network. All that needs to be done is route its ONE channel of output in Dante controller to the desired input of the DSP and you are done!

Built for simplicity, or shall we say “TIMplicity”, TIM-1000 installs just like a ceiling speaker (using dog legs) and can easily be installed in a drop ceiling or hard ceiling. Once the solution is installed, TIM-1000 is ready to “go”.

Today’s AV designs demand products that not only provide great sound quality, but that also have the ability to adapt to environmental and situational needs. This level of product intelligence and flexibility is what truly sets TIM apart from other microphones and is another way, Clockaudio is clearly different from its competitors.

### **MORE ABOUT TIM-1000**

TIM 1000 is a low-profile ceiling microphone with the unique ability to track sound within a room. The microphone is easy to install and uses an intuitive GUI and UDP commands for set up and control. Frequency response 150Hz to 15KHz; powered by 8W PoE+; seamless integration to Dante network and AES 67 devices.



As a timesaving, turn-key, digital solution for AV, Audinate’s Dante continues to expand its reach and versatility to support digital audio and video device interoperability. At Clockaudio, we look forward to finding new ways and new products that will incorporate Dante into more of our brilliant microphone solutions.

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