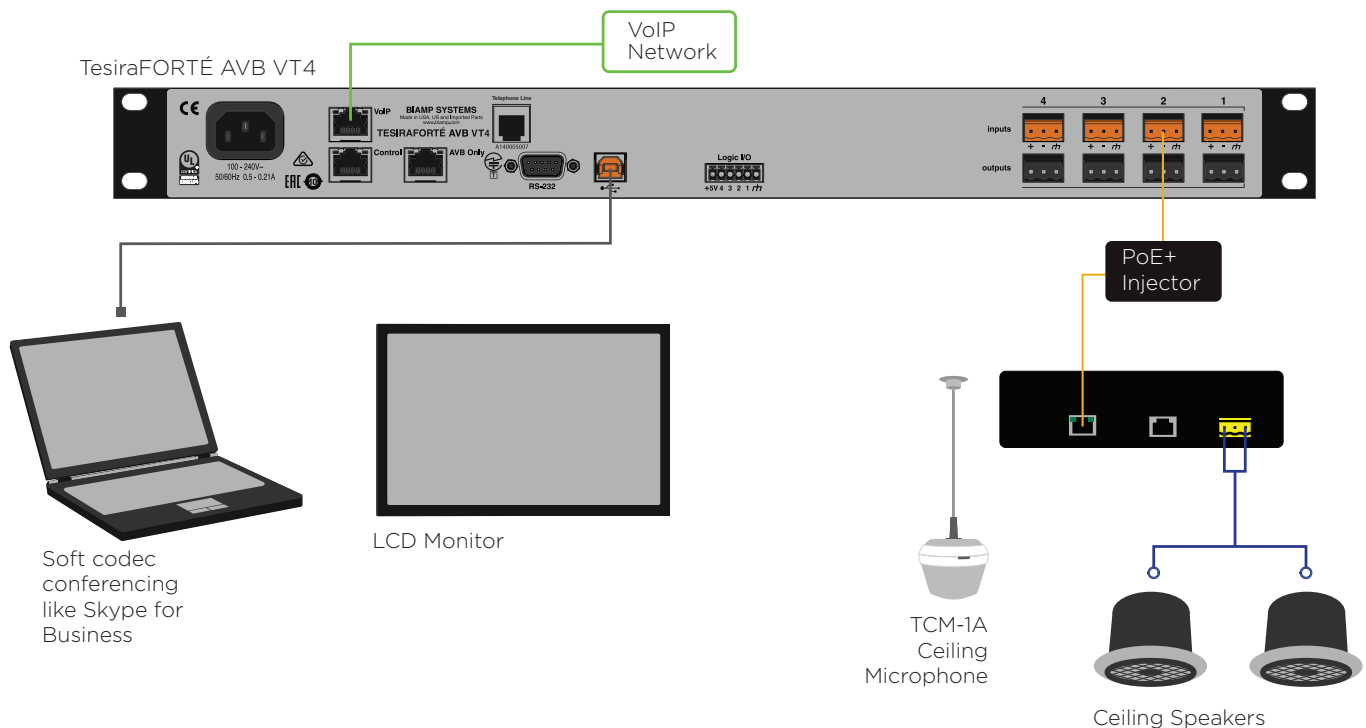**biamp.**

# SYSTEM DESIGN GUIDE SMALL CONFERENCE ROOM

## TesiraFORTÉ® AVB VT4 AND BEAMTRACKING™ MICROPHONES

Tesira® is an ideal platform for conference rooms of all sizes. For smaller conference rooms, only a single Ethernet cable is needed to connect a TesiraFORTÉ® DSP to our new Tesira TCM-1A Beamtracking™ microphones, for an exceptional conferencing experience. The TCM microphones are PoE+ powered, allowing direct connection from our DSP via PoE+ injector for simplicity.
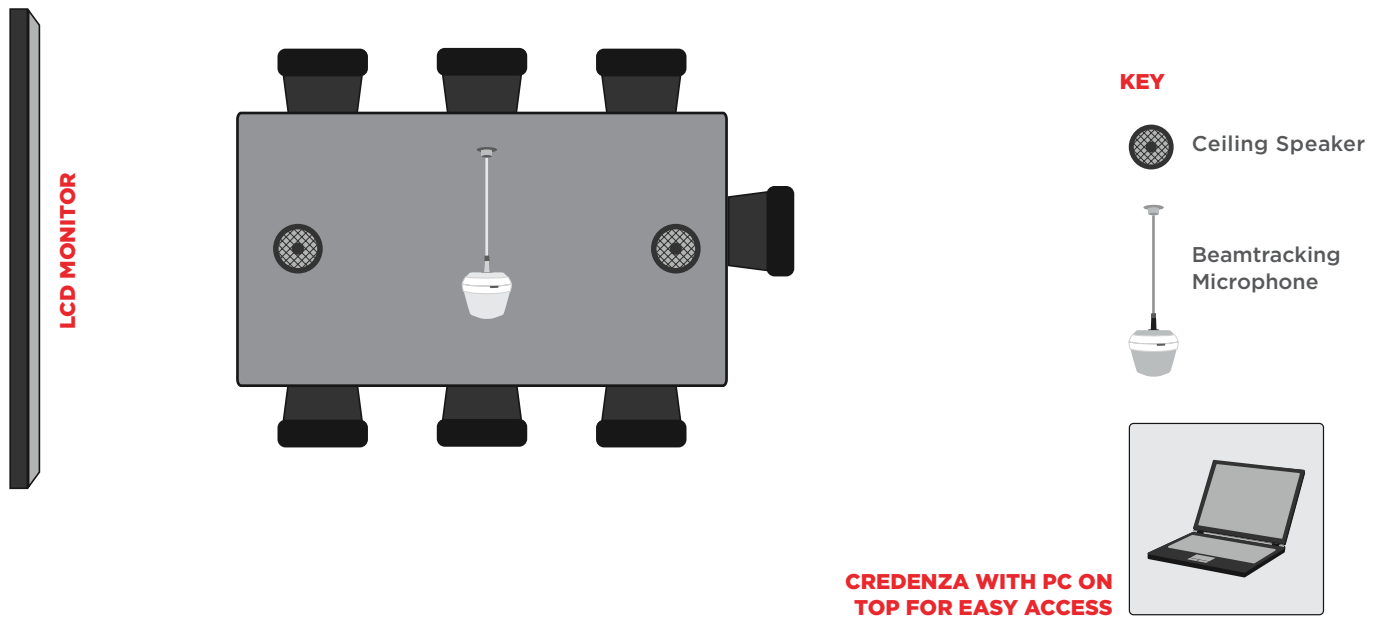
## SMALL CONFERENCE ROOM EXAMPLE



VoIP Network

TesiraFORTÉ AVB VT4

PoE+ Injector

Soft codec conferencing like Skype for Business

LCD Monitor

TCM-1A Ceiling Microphone

Ceiling Speakers

## FEATURES/BENEFITS

- Three 120° zones can simultaneously identify and steer towards talkers, allowing participants to move around freely

- Configurable USB audio provides direct connection to soft codec conferencing technologies like Skype for Business™, WebEx™, and Google Hangouts

- Audio levels remain consistent as a result of our AGC processing—whether the talker is facing towards or away from our mic

- The TesiraFORTE AVB VT4 offers all of the DSP power of a traditional TesiraFORTÉ, without the unused I/O cost

# SMALL CONFERENCE ROOM FLOOR PLAN

LCD MONITOR

## KEY

Ceiling Speaker

Beamtracking Microphone

CREDENZA WITH PC ON TOP FOR EASY ACCESS

## EQUIPMENT LIST

| Quantity | Product | Function |
|:---:|:---:|:---|
| 1 | TesiraFORTÉ AVB VT4 | Specifically designed for spaces that require less analog I/O, TesiraFORTÉ AVB VT4 offers all of the processing power of a traditional TesiraFORTÉ without the extra I/O cost. It also supports VoIP, POTS, and USB conferencing in a single chassis for maximum flexibility. |
| 1 | Laptop | Connected to TesiraFORTÉ via USB port, it allows customers to initiate a Skype for Business, WebEx, or other soft codec conferencing software call. Customers can take full advantage of mics and speakers in the room. |
| 1 | TCM-1A Beamtracking microphone | Actively tracks and intelligently mixes conversations from around the table. The built-in 2-channel PoE+ amplifier provides amplification to the ceiling speakers. |
| 1 | Presentation monitor | Allows all meeting participants to view a presentation or valuable data being shared in the meeting. |
| 2 | Ceiling mounted speakers | Provides sound reinforcement for distance conferencing and/or video conferencing. |

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