



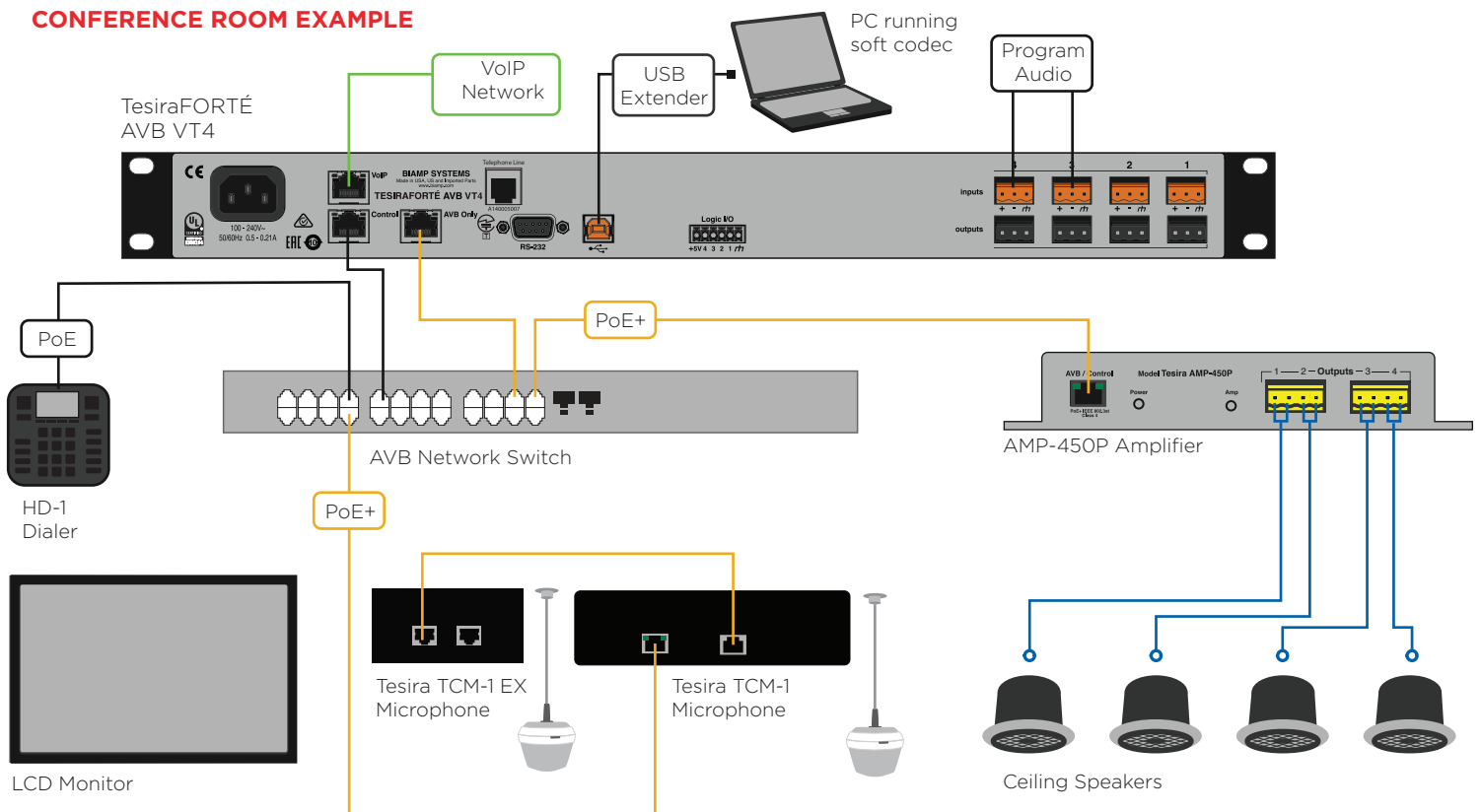
# SYSTEM DESIGN GUIDE CONFERENCE ROOM

## TesiraFORTÉ® AVB VT4 AND HD-1 DIALER



In conference rooms large and small, you no longer have to yell into a phone at the center of the table to be heard. Our new Beamtracking™ microphones actively track and intelligently mix conversations from around the table, allowing far-end conference participants to experience the conversation naturally. Each pendant microphone uses only one channel of AEC, leaving two inputs available on the TesiraFORTÉ® AVB VT4 for local program audio. The VT4 also supports VoIP, POTS, and USB conferencing for total flexibility, creating a superior audio experience that leaves everyone on the call feeling heard.

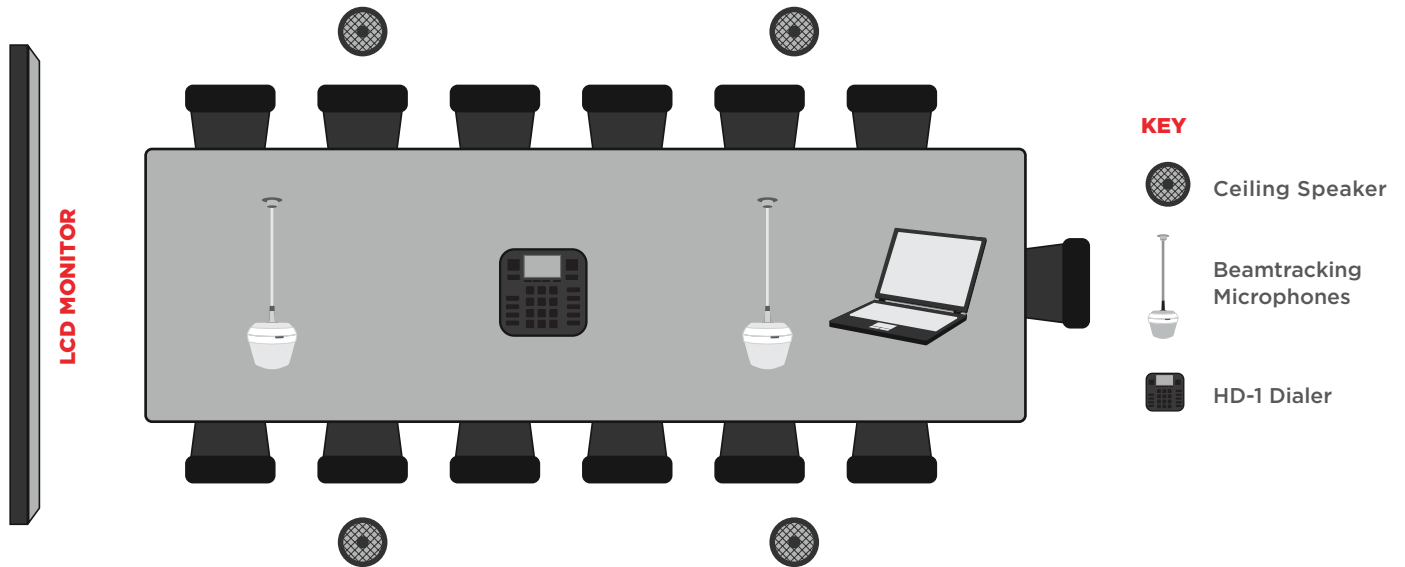
### CONFERENCE ROOM EXAMPLE



### FEATURES/BENEFITS

- Three 120° Beamtracking zones simultaneously identify and steer towards talkers, bringing conference participants into the conversation
- The AMP-450P is powered by PoE+, with internal power draw protection and a burst mode to handle peak signals
- Beamtracking mics track in both azimuth (left-right) and elevation (up-down) angles
- All the DSP power of a traditional TesiraFORTÉ, without the unused I/O cost

# CONFERENCE ROOM FLOOR PLAN



## EQUIPMENT LIST

Quantity	Product	Function
1	TesiraFORTÉ AVB VT4	Powerful DSP with VoIP, POTS, and USB audio, featuring 4 inputs, 4 outputs, and 4 channels of AEC.
1	BYOD Laptop	Connected to TesiraFORTÉ via USB port, it allows customers to initiate a soft codec conferencing software call. Customers can take full advantage of microphones and speakers in the room.
1	AMP-450P Amplifier	Provides amplification to ceiling loudspeakers in the room.
1	TCM-1 Beamtracking Microphone	Actively tracks and intelligently mixes conversations from around the table. Each plenum box includes an additional RJ-45 connector for daisy-chain connections.
1	TCM-1EX Beamtracking Microphone	Expansion Beamtracking microphone that must be used with a Tesira TCM-1 or TCM-1A microphone.
1	Presentation monitor	Allows all meeting participants to view a presentation or valuable data being shared in the meeting.
4	Ceiling mounted speakers	Provides sound reinforcement for distance conferencing and/or video conferencing.
1	HD-1 Dialer	Provides dialing functions for the VoIP system.