VERSATILE CONNECTIVITY
Connections for Dante™, USB, mobile, and analog audio devices make enterprise-wide installation seamless in nearly any type of conference room.

DIGITAL SIGNAL PROCESSING
Intellimix® digital signal processing includes 8 channels of acoustic echo cancellation, equalization, noise reduction, automatic gain control, and automatic mixing, to ensure professional-quality audio for your conferencing system.

FLEXIBLE SIGNAL ROUTING
The P300 matrix mixer can route any input to any output, for easy integration with almost any system. Templates for Shure Microflex®Advance™ and Microflex® Wireless systems optimize DSP settings with minimal setup time.

START HERE:
Follow the P300 signal flow through the schematic view.

Up to 8 independent Dante channels from a Shure microphone system (MXA910, MXA310, or MXW) are sent to the P300 for digital signal processing. Per-channel acoustic echo cancellation effectively removes far-end audio that leaks into the microphone.

In a conference call, the P300 distributes audio across all three locations when you plug a phone into the mobile input. The phone is simply used to carry a decision maker who is traveling. You can call them and the P300 seamlessly connects all three locations.

Encryption on each Dante channel ensures secure audio transmission.

Equalization adjusts frequency response for each channel to improve speech clarity.

Acoustic Echo Cancellation removes far-end audio that leaks into the microphone, and only lets talkers’ voices through.

Noise Reduction helps to overcome challenging room acoustics by minimizing unwanted hiss or rumble from the audio signal.

Automatic Gain Control adjusts the volume on each channel to ensure consistency between quiet and loud talkers.