MXA710 with IntelliMix® Architect Specifications

The linear array microphone shall be available in two variants, and three colors, white, black and aluminum. The microphone shall provide up to consist of up to four (2FT) or eight (4FT) directional pickup lobes to capture individual talkers and deliver discrete audio signals over a single network cable. The microphone shall support 10 total channels [4FT] (8 independent transmit channels, 1 automatic mixing transmit channel, and 1 AEC Reference Input receive channel) or 6 total channels [2FT] (4 independent transmit channels, 1 automatic mixing transmit channel, and 1 AEC Reference Input receive channel). The microphone shall provide built-in IntelliMix® digital signal processing to deliver acoustic echo cancellation, noise reduction, automatic mixing, automatic gain control, compression, delay and equalization on the Automix Output channel. Audio routing shall be controlled through a computer on the Dante™ or AES67 network. The microphone shall connect to the network using one category cable that carries PoE, audio, and control. The accessory shall be compatible with third party control systems using programmable control strings. Designer control software shall provide Steerable Coverage™ with ability to aim individual lobes based on participant seating. Autofocus™ technology shall continually fine-tune lobe location in real time based on participant location for consistent coverage. Pickup lobe width shall be selectable, with narrow, medium, and wide settings. Mounting options shall include flush or to a wall, hard ceiling or suspension mounting, and VESA mounting options. The microphone shall be the MXA710 Linear Array Microphone.