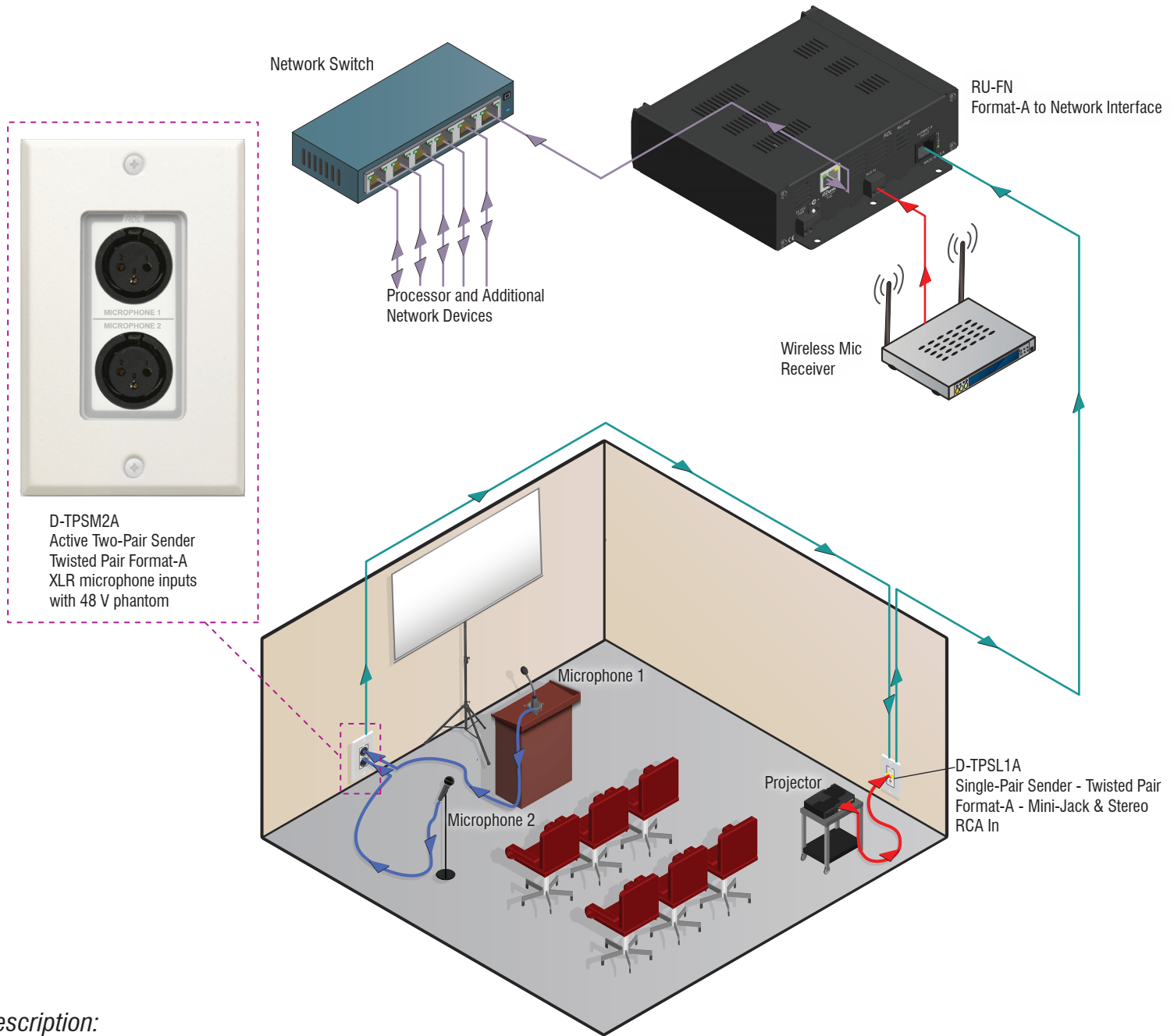


TWO MIC INPUTS FEED DANTE™ NETWORK OVER CATx

Dual Mic Preamp Provides 48 V Phantom and Automatic Gain Setting











Description:

The D-TPSM2A Dual Microphone Preamplifier is installed in the meeting room for users to connect one or two wired microphones. The module provides 48 V phantom and is compatible with both dynamic and condenser microphones. Rear panel GAIN switches for each channel are set to AUTO by the installer to automatically provide 60 dB of gain for dynamic mics or 40 dB for condenser mics. The D-TPSM2A output feeds the preamplified microphone signals to two Format-A pairs. The output cable loops through a D-TPSL1A interface which accepts a mono or stereo audio source that it sums to mono. The mono output from the D-TPSL1A feeds the remaining Format-A cable pair.

The Format-A cable terminates into an RU-FN Format-A to Network Interface module that converts the sources to three Dante network channels. The line-level output of a wireless microphone receiver is connected to the Aux Input of the RU-FN to feed its fourth Dante output channel. The Format-A input modules are both powered from the RU-FN. A single CATx cable run is the *only* installed cabling required for audio inputs in this meeting room.

Parts List	
Product	QTY
D-TPSM2A	2
D-TPSL1A	1
RU-FN	1

Recommended Pwr. Supplies	
Product	QTY
PS-24AS 24 Vdc 500 mA	1

Line Color Key	
	Line Level Audio Signal
	Loudspeaker Level
	Control Signal
	Video
	Mic Level Audio Signal
	Network
	Power
	Format-A