The Active Emitter Power Injector is used to combine DC power from the Active Emitter Power Supply with the audio signal from the QtPro module in order to provide a powered "signal" for the Qt® Active Emitter. There are two output ports that each support up to 25 Qt Active Emitters. The Active Emitter Power Injector can be mounted at the head end or placed in the plenum. It fits inside a standard 4x4 electrical enclosure.

FEATURES

- Combines DC power from the Active Emitter Power Supply and signal from a QtPro Control Module
- Two output ports each support up to 25 Qt Active Emitters
- Can be mounted at the head end or placed in the plenum
- Fits inside a standard 4x4 electrical enclosure

PI-AE SPECIFICATIONS

Input Connectors	
Signal:	RJ-45
Power:	2 Conductor Captive Screw (12 to 24 AWG)
Auxiliary Power:	2.5 x 6.5mm Barrel Jack, center positive
Signal Input Voltage:	9VAC Maximum
Nominal DC Input Voltage:	36VDC
Maximum DC Input Current:	3.7A
DC Input Reverse Polarity Protection:	Auto recovery
Output Connectors	
Signal + Power:	2 RJ-45
Power:	2 Conductor Captive Screw (12 to 24 AWG)

Maximum DC Output Current:	1.85A each output
Output Overload/Short Circuit Protection:	Auto recovery
Product Dimensions	
Height:	1.25 inches (32 mm)
Width:	2.75 inches (70 mm)
Depth:	3.75 inches (95 mm)
Weight:	4.6 oz. (130 g)
Compliance:	
	UL2043 (USA)

RECOMMENDED CABLING TYPES

Power 14 AWG - 2 Conductor CMP/ NEC CL3P
West Penn #25226
Liberty #14-2C-P
Belden #6100UE or Equivalent

Signal / Signal+Power 8 Conductor 24 AWG plenum-rated category UTP
West Penn #254245
Belden 1501A
Liberty #24-4P-P-L5-EN or Equivalent