

LOGIC POE X



FEATURES

Logic POEX is designed to convert power and signal coming from Logic Drive 2X for select fixtures. Deploy Ethernet cable runs up to 328 feet (100 meters) and deliver a maximum of 90W (75W useable) to fixtures driven and controlled by Logic Drive 2X. There is an additional Thru connector which is designed to link the control signal coming from the Drive 2X to additional fixtures, but not power. Additional POE power injectors are required for fixtures that require POE power out of the Thru port.

SPECIFICATIONS

CONSTRUCTION & PHYSICAL

- Dimensions: 5.95 x 3.86 x 1.22 in (151 x 98 x 31 mm)
- Weight: 1.1 lb (0.5 kg)
- Fixture Color: White
- Housing Material: Steel (SPCC45)
- Mounting Options: teardrop mounting holes
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CONTROL SPECIFICATIONS

- Control Protocol: Logic Drive 2X
- Fixture setup: Logic Drive 2X (RDM, webserver or display), Art-RDM (DMX Workshop)

ELECTRICAL

- Input Voltage: 52 VDC, POE++, IEEE 802.3bt, type 4 (via Logic Drive 2X)
- Output Voltage: 52VDC
- Power and Current (via Logic Drive 2X): 90 W (75 W useable)
- Power Supply: POE++, IEEE 802.3bt, type 4 (via Logic Drive 2X)
- Power Linking: 1 unit via POE++, IEEE 802.3bt, type 4, output to non-POE devices
- Power/Data Connection: 3 Ethernet (RJ45)
- Required Cable Specifications
 - o Cable type: CAT6/A, Shielded
 - o Conductor Diameter: ≥ 23 AWG (≥ 0.5733 mm)
 - o Conductor Material: Solid bare copper wire (stranded not supported)
 - o Cable Terminator: RJ45, CAT6/A, shielded
- Cable Length(s) Supported:
 - o Total Max Cable Length (Drive to POE.X): ≤ 100 m / 328 ft
 - o Total Max Cable Length (POE.X to first fixture): ≤ 15.24 m / 50 ft
 - o Total Max Cable Length (first fixture to last fixture): ≤ 46 m / 150 ft
 - o Total Max Cable Length (Drive to last fixture): ≤ 145 m / 475 ft
- Recommended Cable (or equivalent): Belden 2413F, 2412F

THERMAL SPECIFICATIONS

- Cooling: Convection
- Operating Temperature Range: -4 °F to 113 °F (-20 °C to 45 °C)
- Maximum Surface Temperature: 158 °F (70 °C)
- Minimum Distance to Flammable Surface: 11.8 in (0.3 m)
- BTU/hr: 255

REGULATORY & VOLUNTARY QUALIFICATION

- US Safety: UL 62368-1
- Canadian Safety : CSA 62368-1
- Certification Listings: CE, MET, FCC, ROHS
- Environment: Dry location, IP20, All indoor permanent installations.
 - o Please refer to the User Manual for more detailed information on installation.
- Warranty: 36-month manufacturer's limited warranty (for covered regions only)
- Installation Orientation: Any

ACCESSORIES

- Required: Logic Drive 2X