LOGIC Wall Panel

Description

The Logic Wall Panel 16-port is designed to feed power and control remote fixtures using the POE latest standard IEEE 802.3 bt (power over Ethernet) and TCP/IP for control. It is equipped with 16 output ports and will support a maximum of 92.5 W/port. The Wall Panel can be expanded up to 32-ports using the 8-port expansion kits. The Wall Panel 16-port includes one LOGIC Wall Con, which is a single gang wall controller that can recall up to 8 recorded scenes from the Wall Panel. Additional Wall Cons may be added to the system, up to 32 pcs on a single controller to have multiple control locations. The Wall Panel supports DMX, Art-Net, and sACN control protocols, and includes an integrated webserver to configure the date/time settings, which are used in the daily/calendar trigger. An integrated REST API is available for integration to use for custom control interfaces such as touchscreen control. The Wall Panel is supported by the Q-sys system.

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Specifications

Construction & Physical Specifications

- Fixture Color: Black

- Housing Material: Stamped steel

- Mounting Options: 20U Rack Mount, ¼ in 3/8 in, 5/16 in screws/bolts

- Weight: 75 lb (34 kg)

Control Specifications

- Control Protocol: USITT DMX-512a, Art-Net, sACN, RDM, Art-RDM

- Operating Modes: Selectable in connected fixtures

- Data Connections:

  - Device Data Input: 1 Ethernet (RJ45) and 1 (5-pin) Phoenix connector

  - Device output support: POE++, IEEE 802.3 bt, type 4, up to class 8

  - Device Data throughout: 1 Ethernet (RJ45) and 1 (5-pin) Phoenix connector

  - Wired remote input: 2 RJ-12 (6-conductor, non-standard termination)

- Fixture Setup: Display, RDM, Art-RDM (Artistic License DMX Workshop)

- Standalone Control: Yes

Electrical System Specifications

- Electronic

- Power and Current:

  - 4000 W, 19.23 A @ 208 V

  - 4000 W, 17.39 A @ 230 V

  - 4000 W, 16.66 A @ 240 V

- Power Linking: N/A

- Power Supply: Electronic internal

- Recommended Power Cable: 3 x 10 AWG

- 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 plug: RJ45, CAT6/A, Shielded o Cable Termination: T568B standard

Battery Specifications

- Battery Type: Lithium

- Rechargeable: No

- Battery Power: 3 VDC

Thermal Specifications

- BTU Hour: 10,918 BTU/hr

- Cooling: Fan-assisted convection

- Maximum Surface Temperature: 158 °F (70° C)

- Minimum Distance To Flammable Surface: 11.8 in (0.3 m)

- Operating Temperature Range: -4 °F to 113 °F (-20 °C to 45 °C)

Regulatory & Voluntary Qualification

- Canadian Safety: CSA-C22.2 No. 250.2

- Environment Details: Dry location, IP20 o Please refer to the User Manual for more detailed information on installation.

- Installation Orientation: Vertical only

- US Safety: UL 2108, UL 1598A

- Warranty: 36-month manufacturer's limited warranty (for covered regions only)