

LOGIC Drive 2X



FEATURES

The Logic Drive 2X is designed to feed power and control to remote fixtures using the POE latest standard IEEE 802.3 bt (power over Ethernet) and TCP/IP for control. It has 2 output ports and will support a maximum of 92.5 W/port. The Drive 2X includes one LOGIC Wall Con, which is a single gang wall controller that can recall up to 8 recorded scenes from the Drive 2X. Additional Wall Cons may be added to the system, up to 4 pcs on a single controller to have multiple control locations. The Drive 2X 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.

SPECIFICATIONS

CONSTRUCTION/PHYSICAL

- Dimensions: 10.31 x 18.86 x 1.73 in (479 x 245 x 44 mm)
- Weight: 7.6 lb (3.45 kg)
- Fixture Color: Black
- Housing Material: Stamped steel
- Mounting Options: 1U Rack Mount, wall mount via X-slots on bottom of drive housing

CONTROL SPECIFICATIONS

- Control Protocol: USITT DMX-512a, Art-Net, sACN, RDM, Art-RDM
- Operating Modes: Selectable in connected fixtures
- Standalone Control: Yes
- Fixture setup: Display, RDM, Art-RDM (Artistic License DMX Workshop)
- Data Connection:
 - 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: 1 RJ-12 (6-conductor, non-standard termination)
 - Wired remote output voltage: 12 VDC

ELECTRICAL SYSTEM SPECIFICATIONS

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power and Current:
 - 260 W, 2.60 A @ 100 V
 - 260 W, 2.17 A @ 120 V
 - 260 W, 1.25 A @ 208 V
 - 260 W, 1.14 A @ 230 V
 - 260 W, 1.09 A @ 240 V
- Output port power rating: 92.5 W per port
- Output port voltage (POE): 56 VDC
- Power Supply: Electronic internal
- Dimmer: Electronic
- Power Linking: N/A
- Power Connection: Seetronic TRUE1 power cord
- Power/Data Connection:

- o RJ45 In/Thru Control (2)
- o RJ45 Out POE (2)
- o Phoenix Out DMX/RDM (2)
- o RJ12 In WALLCON (1)
- Recommended Power Cable: 3 x 14 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
- Cable Length(s) Supported
 - o Total Max Cable Length (Drive to first fixture): ≤100 m / 328 ft
 - o Total Max Cable Length (Drive to last fixture): ≤140 m / 460 ft
 - o Total Max Cable Length (first fixture to last fixture): ≤40 m / 131 ft
- Recommended Ethernet Cable for POE connections (or equivalent): Belden 2413F, 2412F

BATTERY SPECIFICATIONS

- Battery model #: CR2023
- Battery type: Lithium
- Quantity of cells: 1 cell
- Rechargeable: No
- Coin/Button Battery: Yes
- Battery Power: 3 VDC

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: 887

REGULATORY & VOLUNTARY QUALIFICATION

- CE, MET, FCC, ROHS
- MET Listing Number: E115166
- US Safety: UL 2108, UL 1598A
- Canadian Safety : CSA-C22.2 No. 250.2
- Environment: Dry location, IP20
 - 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

- Included: Seetronic Powerkon IP65 power cord, 1 LOGICWALLCON, 1 short rack ear bracket, 1 long rack ear bracket
- Optional: LOGIC Wall Con (additional, up to 3 additional)