

# LOGIC Drive 2X



## FEATURES

The Logic Drive 2X is designed to feed power and control to remote fixtures using the POE latest standard IEEE 802.3bt (power over Ethernet) and TCP/IP for control. It has 2 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 9.64 x 1.81 in (262 x 245 x 46 mm)
- Weight: 4.6 lb (2.1 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:

- o Device Data Input: 1 Ethernet (RJ45) and 1 (5-pin) Phoenix connector
- o Device output support: POE++, IEEE 802.3bt, type 4, up to class 8
- o Device Data throughout: 1 Ethernet (RJ45) and 1 (5-pin) Phoenix connector
- o Wired remote input: 1 (12-pin) Phoenix connector

## ELECTRICAL

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power and Current:
  - 260 W, 2.6 A @ 100 V
  - 260 W, 2.6 A @ 120 V
  - 260 W, 2.6 A @ 208 V
  - 260 W, 2.6 A @ 230 V
  - 260 W, 2.6 A @ 240 V
- Output port power rating: 92.5 W per port
- Output port voltage: 54 VDC
- Power Supply: Electronic internal
- Dimmer: Electronic
- Power Linking: N/A
- Power Connection: Seetronic TRUE1 power cord
- Power/Data Connection:
  - RJ45 In/Thru Control (2)
  - RJ45 Out POE (2)
  - Phoenix Out DMX/RDM (2)
  - Phoenix In WALLCON (1)
- Recommended Power Cable: 3 x 14 AWG
- Required Cable Specifications
  - Cable type: CAT6/A, shielded
  - Conductor Diameter:  $\geq 23$  AWG ( $\geq 0.5733$  mm)
  - Conductor Material: Solid Bare Copper Wire (stranded not supported)
  - Cable Terminator: RJ45, CAT6/A, Shielded
- Cable Length(s) Supported:
  - Total Max Cable Length (Drive to first fixture):  $\leq 100$  m / 328 ft
  - Total Max Cable Length (Drive to last fixture):  $\leq 140$  m / 460 ft
  - Total Max Cable Length (first fixture to last fixture):  $\leq 40$  m / 131 ft
- Recommended Ethernet Cable for POE connections (or equivalent): Belden 2413F, 2412F

## THERMAL SPECIFICATIONS

- Cooling: Fan-assisted 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

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

## ACCESSORIES

- Required: RDM Device, Power Supply, Power and Data Interface, etc.
- Included: Seetronic Powerkon IP65 power cord, LOGICWALLCON, 1 short rack ear bracket, 1 long rack ear bracket
- Optional: LOGIC Wall Con (additional, up to 3 additional)

## BATTERY SPECIFICATIONS

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