

# ÉPIX Drive 900

A dedicated power and processing hub for the ÉPIX Tour system that drives up to 900 LEDs with versatile control via Art-Net, Kling-Net, and sACN, and allows for remote configuration through an integrated web server.

Ideal for touring productions, corporate events, and complex installations where centralized power and data distribution for an extensive ÉPIX pixel mapping system is required.

- Powers and processes data for any combination of ÉPIX fixtures up to 900 LEDs.
- Provides 6 universes of Art-Net or sACN control for complex pixel mapping designs.
- Simplifies setup with an auto-address function that detects any connected fixture type.
- Allows flexible placement up to 65 feet away from the last daisy-chained fixture.
- Features an onboard OLED display for fast, direct configuration and adjustments.
- Includes power linking to connect multiple units for streamlined, large-scale systems.



## SPECIFICATIONS

### Construction / Physical

**Dimensions (with rack ears):** 19.02 x 7.60 x 1.97 in (483 x 193 x 50 mm)

**Dimensions (without rack ears):** 11.14 x 7.60 x 1.97 in (283 x 193 x 50 mm)

**Weight:** 5.42 lb (2.46 kg)

**Weight (shipping weight):** 7.72 lb (3.5 kg)

**Threaded Bolt:** M12

**Exterior Color:** Black

**Housing Material:** Steel

**Rackmount:** 1U

### Connections

**Power Connection:** Edison (Local) plug to Neutrik powerCON

**Power Input:** Neutrik powerCON

**Power Output:** Neutrik powerCON

**Device Outputs (4-pin XLR):** 1

**Physical Linking:** 18 inline ÉPIX Strip Tour or 6 inline ÉPIX Bar Tour

**Data Connectors:** Neutrik etherCON

**Cable Length (power):** 5 ft (1.5 m)

**Minimum required device linking cable size:** 4 conductor (2 x 18 AWG, 2 x 20 AWG)

**Total max. cable length (shielded cables) between ÉPIX Drive 900 and last ÉPIX Tour fixture:** 210 ft (64 m)

**Max. cable length (shielded cables) between ÉPIX Drive 900 and first ÉPIX Tour fixture:** 65 ft (20 m)

**Max. cable length (shielded cables) between ÉPIX Tour fixtures:** 60 ft (18 m)

**Total max. cable length (unshielded cables) between ÉPIX Drive 900 and last ÉPIX Tour fixture:** 300 ft (91 m)

**Max. cable length (unshielded cables) between ÉPIX Drive 900 and first ÉPIX Tour fixture:** 150 ft (45 m)

**Max. cable length (unshielded cables) between ÉPIX Tour fixtures:** 100 ft (30 m)

### Control

**Control Protocol:** Art-Net, Kling-Net, sACN

**Control Channels:** 6 Art-Net/sACN Universes

## Electrical

**Input Voltage:** 100 to 240 VAC, 50/60 Hz (auto-ranging)

**Power Linking:** 6 units @ 120 V; 11 units @ 208 V; 12 units @ 230 V

**Power and Current:** 299 W, 2.53 A @ 120 V, 60 Hz

**Power and Current:** 299 W, 1.44 A @ 208 V, 60 Hz

**Power and Current:** 299 W, 1.31 A @ 230 V, 50 Hz

**Power and Current (resting):** 23 W, 0.195 A @ 120 V, 60 Hz

**Power and Current (resting):** 32 W, 0.156 A @ 208 V, 60 Hz

**Power and Current (resting):** 32 W, 0.133 A @ 230 V, 50 Hz

**Output Voltage:** 48 VDC

**Maximum Load:** 18 ÉPIX Strip Tour or 6 ÉPIX Bar Tour (per output)

## Certifications / Qualifications

**Certifications:** CE, MET

**IP Rating:** IP20, dry location

**Temperature (Ambient):** -4 °F to 113 °F (-20 °C to 45 °C)

## Optional Accessories

ArKaos Media Master Express + KN software

Clamps

Neutrik powerCON cables

Neutrik etherCON cables

4-pin XLR cables

## What's Included

ÉPIX Drive 900

Neutrik powerCON power cord

Rack ears (2)

Bag of rack ear mounting screws

Rubber feet (4)