ÉPIX Flex Drive

A dedicated driver that powers and controls ÉPIX Flex 20 LED products, featuring two expandable outputs, versatile control modes, and remote management through an integrated web server.

Ideal for large-scale architectural, event, and stage productions that require powerful, centralized control over long and expandable runs of flexible, pixel-mappable LED elements.

- Natively powers up to 1920 LEDs, with capacity doubled using the ÉPIX Flex Boost.
- Features versatile control via DMX, Art-Net, and sACN for seamless system integration.
- Offers remote configuration and firmware updates through a full webserver and RDM support.
- Advanced power management allows placement up to 75 feet from the first connected LED strip.
- Integrates with Arkaos Media Master Express for plug-and-play pixel mapping with minimal setup.
- An onboard OLED display and intuitive menu system allow for quick local configuration.

SPECIFICATIONS

Dynamic Effects

Standalone Color Mixing: Yes

Built-in Automated Programs: Yes

Construction / Physical

Dimensions: 19 x 17.52 x 1.7 in (483 x 445 x 44 mm)

Weight: 6 lb (2.7 kg)

Exterior Color: Black

Housing Material: Steel

Rackmount: 1U

Connections

Power Connection: Edison (local) plug to IEC

Power Input: IEC

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

Device Data Inputs: Ethernet (RJ45) (2 total) and 5-pin XLR (2 total)

Device Outputs (3-pin IP65 ports): 2

Physical Linking per port (without Flex Boost): 2 inline ÉPIX Flex 20
(with Flex Boost): 4 inline ÉPIX Flex 20

Total max. cable extension length (without Flex Boost) between ÉPIX Flex Drive and first ÉPIX Flex 20: 75 ft (22.9 m)
(with Flex Boost) between ÉPIX Flex 20 and ÉPIX Flex 20: 10 ft (3 m)

Total max. cable extension length between ÉPIX Flex Boost and ÉPIX Flex 20: 5 ft (1.5 m)

Control

Control Protocol: Art-Net, sACN, DMX

DMX Channels: 17, 34 or PIXEL

Art-Net Channels: 17, 34 or PIXEL

Modes/Personalities: 3 personalities (17ch, 34ch, PIXEL)

Maximum Supported LEDs (per port): 960

Maximum Supported LEDs (total): 1920

Electrical

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

Power and Current: 326 W, 2.75 A @ 120 V, 60 Hz
314 W, 1.64 A @ 208 V, 60 Hz
312 W, 1.50 A @ 230 V, 50 Hz

Certifications / Qualifications

Certifications: CE, MET

IP Rating: IP20, dry location

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

MET Listing Number: E114016-1144

US Safety: UL 8750

Canadian Safety: CSA C22.2 No. 250.13-12

Optional Accessories

ArKaos Media Master Express + KN software

What's Included

ÉPIX Flex Drive
IEC power cord