



# ÉPIX Flex Drive

ÉPIX Flex Drive controls the [ÉPIX Flex 20](#) with 2 plug and play outputs that drive up to 4 [ÉPIX Flex 20](#) at 960 LEDs each. Adding [ÉPIX Flex Boost](#) to each output doubles the capacity of the drive to 1920 LEDs or 8 [ÉPIX Flex 20](#), which reduces cost per linear feet. To ease installation, ÉPIX Flex Drive allows for 75ft of extension cables between it and the first [ÉPIX Flex 20](#). Use either pixel control or its simplified 17 / 34-channel control personalities to support changing colors and built-in automatic programs. Webserver is supported for remote configuration and for firmware updates.



## At a Glance

- The processing and power center of the ÉPIX Flex system drives the ÉPIX Flex 20 pixel product
- Versatile control options include DMX, Art-Net and sACN (streaming ACN) to support the touring/rental/installation markets
- Quickly and easily configure the ÉPIX Flex Drive using the built-in OLED display and menu
- Easily configure your ÉPIX Flex 20 by assigning the pixel count/output (2 total)
- Supports up to 4 ÉPIX Flex 20 5 meter rolls, or up to 8 with the ÉPIX Flex Boost (sold separately)
- Easily daisy chain fixtures directly from the 2 outputs of the Flex Drive
- Advanced power management design allows you to position the Flex Drive up to 50 ft away from your first Flex 20
- Works with Arkaos Media Master Express for a plug-n-play system that requires almost no training to operate
- Supports RDM over Artnet and full webserver interface for remote configuration and firmware updates

- Multiple control personalities offers flexibility for detailed pixel-level control or simplified plug and play options using the 17/34 channel modes

# 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

## 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

## Certifications / Qualifications

- 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

## What's Included

## 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: 30 ft (9.1 m)

## 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

## Optional Accessories

- ÉPIX Flex Drive
- IEC power cord

- ArKaos Media Master Express + KN software