

Synapse 4™



The Synapse 4™ functions as an intelligent relay pack to control the power sent to individual lighting units. Rack, truss or wall mountable, the Synapse 4™ takes one powerCON® input and branches it into four outputs, each of which can be powered off individually via DMX or an internal timer/scheduler. An indispensable tool for fixed installations, the Synapse 4™ provides the ability to de-power entire sections of an installation thereby prolonging fixture lifespan, and decreasing overall power consumption, saving energy and money. As an added convenience, the Synapse 4™ includes a 4-port DMX opto-iso, allowing users to easily branch their DMX universe in multiple directions and amplify the signal after a long run.

FEATURES

- Controllable powerCON® relay pack and DMX optically isolated splitter/amplifier
- Compounds the savings of LED fixtures by completely removing power when not in use
- Individually control all 4 relays via DMX, DMX sensing or internal scheduler for specific on/off times every day
- Optically isolated 5-pin DMX splitter provides an easy hub for running DMX to multiple locations
- Convenient mounting options; rack mount, wall mount or clamped to truss

SPECIFICATIONS

Construction/ Physical

- Dimensions: 19 x 7.87 x 1.75 in (483 x 200 x 45 mm)
- Weight: 6 lb (2.8 kg)
- Exterior Color: Black
- Rackmount: 1U

Connections

- Power Connection: Edison (Local) plug to Neutrik® powerCON®
- Power Input: Neutrik® powerCON®
- Power Output: Neutrik® powerCON®
- Data Connectors: 5-pin XLR
- Cable Length (power): 5 ft (1.5 m)

Control

- Control Protocol: DMX
- DMX Channels: 1 or 4

Electrical

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Main breaker size: 20 A, 250 V
- Breaker size per output: 20A, 250 V

Certifications/ Qualifications

- CE
- IP Rating: IP20, dry location

What's Included

- Synapse 4™
- Neutrik® powerCON® power cord

Optional Accessories

- Clamps; CTC-50HC, CTC-50HCN
- Neutrik® powerCON® cables
- 5-pin DMX Cables

Related Products

- PowerStream 4
- DataStream 4
- Net-X