

# Secure Power Unit

## Ref. SPU001

Protect your LiveCore™ system against mains loss or unstable power using the Secure Power Unit



### Security and Performance

Secure Power Unit integrates two slots for hot-swappable power supplies and a battery module providing up to 10 minutes in case of mains loss. Connected to your LiveCore™ with a simple RS232 link cable, the advanced monitoring status of the Secure Power Unit is available through the LiveCore™ Web RCS.

### Ascender 48 - 4K - PL connected to the Secure Power Unit



#### To protect the following switchers

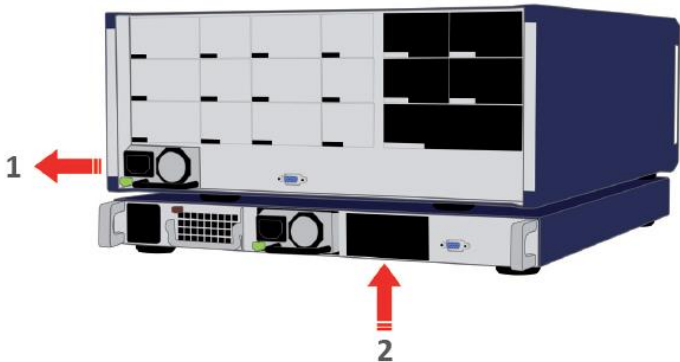
- ▶ **ASC4806-4K-PL:** Ascender 48 - 4K - PL
- ▶ **ASC3204-4K-PL:** Ascender 32 - 4K - PL
- ▶ **ASC1602-4K:** Ascender 16 - 4K
- ▶ **NXT1604-4K:** NeXtage 16 - 4K
- ▶ **NXT0802-4K:** NeXtage 08 - 4K

#### Secure Power Unit at a glance

- ▶ Slots for up to two hot-swappable power supplies
- ▶ Battery module provides approx. 10 minutes of power in case of mains loss
- ▶ Replaces the existing removable power supply of the LiveCore™ device, which can be used as second supply in SPU001 (see next page)
- ▶ Advanced Status monitoring through LiveCore™ Web RCS through RS232 link
- ▶ User Controls: 2 LED for status message, 4 LED for battery charge, 1 test button
- ▶ Connectors:
  - speakON™ DC Power 12V (Female). The cable lead on the Secure Power Unit adaptor module is approximately 30 cm
  - RS232 for maintenance/information with a LiveCore™ device

## How to connect the Secure Power Unit

### Step #1



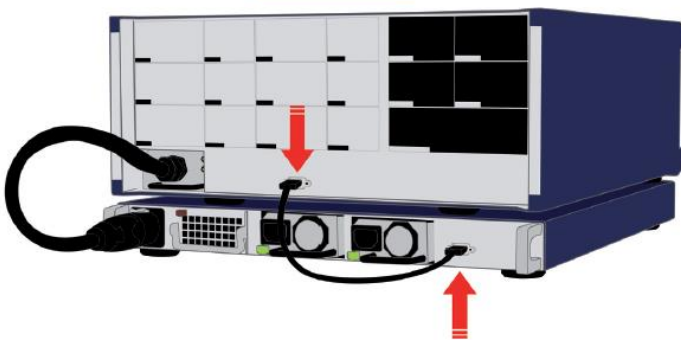
- 1 – Extract the current swappable power supply from the LiveCore™ device
- 2 – Then insert it in a free slot of the Secure Power Unit

### Step #2



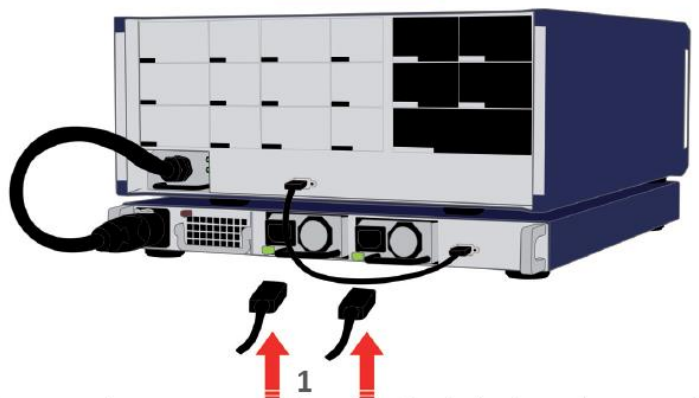
- 1 – Insert the adaptor module into the LiveCore™ device
- 2 – Connect the speakON™ connector to the Secure Power Unit

### Step #3



- 1 – To manage the Secure Power Unit from the Web RCS, connect the RS232 cable between the LiveCore™ device and the Secure Power Unit

### Step #4



- 1- Connect the two power supply cords to electrical mains outlets. For maximum protection, plug each power supply into a different branch circuit

#### Dimension (in Rack Units - RU)

- ▶ 1RU

#### Dimensions (without rack ears and rear rack mount)

- ▶ W 17.30" x H 1.73" x D 19.33"
- ▶ L 439.5 mm x H 44 mm x P 491 mm

#### Dimensions (with handles)

- ▶ W 19" x H 1.73" x D 22.48"
- ▶ L 482.1 mm x H 44 mm x P 571 mm

#### Weight without accessories

- ▶ 12 kg / 26.45 lbs

#### Shipping weight accessories included

- ▶ 17.7 kg / 39 lbs

#### Operating conditions

- ▶ Temperature: 0 to 40°C (32 to 104°F)
- ▶ Humidity: 10% to 80%, non-condensing

#### Noise (@1,6m height @25°C)

- ▶ Front: 49 DBa@1m
- ▶ Rear: 51 DBa@1m

#### Thermal dissipation

- ▶ 1024 to 1826 BTU/hr

#### Warranty

- 3-year warranty on parts and labor back to factory

#### Power Supply

- ▶ 2 x redundant hot swappable power supplies
- ▶ 100-240 VAC 50/60Hz 8A
- ▶ 1x1000W Hot swappable battery
- ▶ Max consumption: 300W (connected to NXT0804-4K) to 535W (connected to ASC4806-4K-PL)


#### Safety Compliance

- ▶ IEC/UL/EN 60950-1, CSA22.2#60950-1, UL Listed (US & Canada) File:E359143

#### Supplied with

- ▶ Secure Power Unit frame
- ▶ 1 x OPT-SPS swappable power supply
- ▶ 1 x OPT-SB swappable battery module
- ▶ 1 x Power Supply to SPU adaptor module (12" lead)
- ▶ 1 x RS232 cable (1,8m/6 feet) (M/F)
- ▶ 1 x Rear rack mount kit
- ▶ 1 x Quick start guide including safety instructions\*

\*All technical specifications and videos are available on [www.analogway.com](http://www.analogway.com)

 Specifications subject to change without prior notice

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