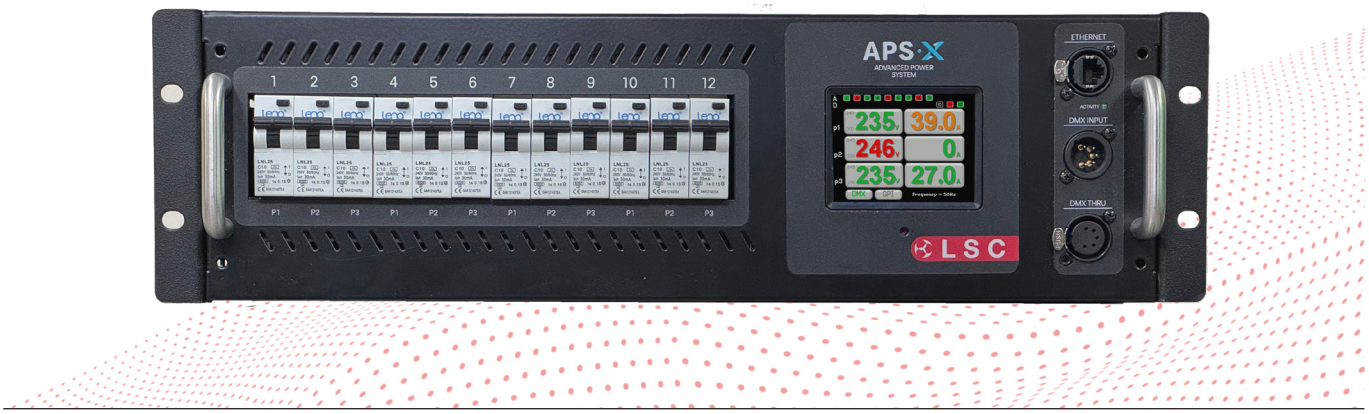
LSC CONTROL SYSTEMS

APSX

The Next-Generation in Configurable Power Distribution



LSC's New APSX Advanced Power Distribution System Adds Ethernet Connectivity and OSC Support.

APSX is a network-enabled power distribution and sequencing system designed to provide safe, predictable startup for lighting, audio and video equipment.

Engineered for today's networked production environments, it adds built-in Ethernet connectivity and OSC support, enabling seamless integration with modern control, monitoring and automation workflows.

At its foundation, APSX retains the trusted functionality that has made the APS platform a standard across touring productions and venue installations. Each circuit can be soft-started with user-defined delays to minimise the large inrush and earth leakage currents, ensuring equipment powers up safely and predictably.

Multiple units can be cascaded to create coordinated, system-wide sequencing, while Proactive Dropped Neutral Protection (PDNP) safeguards connected devices by verifying input wiring before any outputs are activated.

With built-in Ethernet and OSC support, APSX adds the ability to monitor and control these functions remotely through Houston X, providing operators remote control, real-time monitoring, fault detection and alarm notifications in a single, unified interface.

Available in rackmount and wallmount configurations with 6 or 12-channel models, as well as a range of output capacities and connector options.

Order Codes

Rackmount Models – 12Ch x 10A

APXR12/10A	APSX 12Ch x 10A - Australian GPO outlets, 3-phase tail and plug. 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.
APXR12/10T	APSX 12Ch x 10A - Screw terminals on rear. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.
APXR12/10W	APSX 12Ch x 10A - 2 x 16-pin Wieland connectors, 3-phase tail and plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.
APXR12/10X	APSX 12Ch x 10A - 2 x 19-pin Socapex connectors, 3-phase tail and plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.
APXR12/10P	APSX 12Ch x 10A - 12 x powerCON outlets, 3-phase tail and plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.
APXR12/10PT1	APSX 12Ch x 10A - 12 x powerCON TRUE1 outlets, 3-phase tail and plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.
APXR12/10XPT1	APSX 12Ch x 10A - 2 x 19-pin Socapex connectors and 3 x powerCON TRUE1 outlets (paralleled with ccts 1-3), 3-phase tail and plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.

Rackmount Models – 12Ch x 16A

APXR12/16A	APSX 12Ch x 16A - Australian GPO outlets (12 x 15A), 3-phase tail and plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX. GPI and Direct Ethernet Data Input.
APXR12/16T	APSX 12Ch x 16A - Screw terminals on rear panel for power input and load connections. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.
APXR12/16W	APSX 12Ch x 16A - 2 x 16-pin Wieland connectors, 3-phase tail and plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.
APXR12/16X	APSX 12Ch x 16A - 2 x 19-pin Socapex connectors, 3-phase tail and plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.
APXR12/16P	APSX 12Ch x 16A - 12 x powerCON outlets, 3-phase tail and plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.
APXR12/16PT1	APSX 12Ch x 16A - 12 x powerCON TRUE1 outlets, 3-phase tail and plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.
APXR12/16XPT1	APSX 12Ch x 16A - 2 x 19-pin Socapex connectors and 3 x powerCON TRUE1 outlets (paralleled with ccts 1-3), 3-phase tail and plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Input.

Rackmount Models – 12Ch x 6A

APXR12/6A/SP10	APSX 12ch x 6A - SINGLE PHASE 10A INPUT, Australian GPO outlets (12 x 10A), 10A thermal input circuit breaker and single phase tail with 10A plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Inputs.

Order Codes

Rackmount Models – 6Ch x 25A

APXR6/25A	APSX 6Ch x 25A - Australian GPO outlets (6 pairs of 20A/15A), 3-phase tail and plug. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Inputs.
APXR6/25T	APSX 6Ch x 25A - Screw terminals on rear panel for power input and load connections. Advanced Power Distribution - 3RU 19” rackmount with individual RCBO per channel. DMX, GPI and Direct Ethernet Data Inputs.

Wallmount Models – 12Ch x 10A

APXW12/10A	APSX 12Ch x 10A - Wallmount with Australian GPO outlets on front panel (12 x 10A), internal screw terminals for power input. Advanced Power Distribution - individual RCBO per channel. DMX, GPI and Direct Ethernet Data Inputs.
APXW12/10T	APSX 12Ch x 10A - Wallmount with internal screw terminals for power input and load connections. Advanced Power Distribution - individual RCBO per channel. DMX, GPI and Direct Ethernet Data Inputs.

Wallmount Models – 6Ch x 25A

GNXW6/25A	GENX 6Ch x 25A - Wallmount, Australian GPO outlets (6 pairs of 20A/15A) on front, internal screw terminals. Dimmer/TruPower w/ individual RCBO p/channel. DMX & Direct Ethernet Data Inputs.

Options

- **Adaptor brackets for rackmount models to mount in Roobar frames.**
- **Hanging brackets for wallmount models to mount on Unistrut frames.**
- **3-phase tail and plug for wallmount models.**
- **Further back panel options available upon request.**

Features

- Incremental Power Activation. Each channel is energised sequentially with a short delay, reducing the chance of tripping the upstream circuit breaker
- Cascading start-up for individual units via link cabling and/or based on unit number
- RCBO per channel with true relay switching – not solid state
- 3.2” colour graphical LCD touchscreen with intuitive menu control
- Control and remote monitoring via RDM (Remote Device Management) or Houston-X
- Control via input and output contact closure (GPI) or DMX512
- Manual override via front-panel controls
- Five configurable channel modes - Always On, Always Off, OSC, DMX Relay and Standard APS Mode (sequential start-up)
- Current Control Technology. Reduces inrush current by up to 50%, allowing more devices per channel than other products
- CE (European) and RCM (Australian) approved
- Two-year warranty
- Designed and manufactured by LSC in Australia, with over 45 years of experience in advanced power distribution and control solutions.
- Control via OSC, with status feedback. Allows the APSX to be ‘zoned’ to control multiple areas.

Technical specifications

- Model range – 12-channel with 10A or 16A rated outputs and 6-channel with 25A rated outputs, 19” 3RU rackmount or handy wallmount configurations
- Control input – DMX512 (1990), DMX512-A (E1-11) and RDM (E1-20) via 5-pin XLR in and thru connectors. sACN (E1-31), Art-Net, OSC and artRDM via Ethercon RJ45
- Power supply – nominal 110-240V AC, 3-phase star, 50-60Hz with an operating range typically 90-260V AC, 45-65Hz
- Monitoring of supply input RMS voltage, frequency and RMS current per phase
- Programmable input supply over-voltage and under-voltage trip levels to protect loads
- DMX512 control mode allows individual DMX control of each relay channel via a 512-channel Softpatch
- Automatic power on/off of circuits when a DMX512 signal is detected – signal presence turns outputs on and loss of signal turns outputs off after a preset time delay.

Hardware

APXR – rackmount power distribution unit

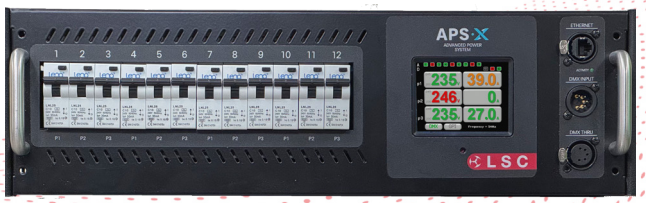
Dimensions: 483mm (w) x 300mm (d) x 132mm (h)

Weight: 16kg

APXW – wallmount power distribution unit

Dimensions: 490mm (w) x 270mm (d) x 250mm (h)

Weight: 18kg



Contact us

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