LSC CONTROL SYSTEMS

GENX

The Next-Generation in Power & Dimming Control



The new GENX Advanced Dimming and Power Distribution System represents the seventh generation of dimmers designed by LSC.

Based on the feedback following 45+ years of experience, we've designed an elegant solution to today's complex lighting and power-control requirements, now with Ethernet connectivity.

Designed for use across the lighting, sound, and video markets, the GENX Advanced Dimming System allows users to configure any of its outputs as either high-quality dimming, or direct power relay channel (TruPower). This enables the GENX to dim traditional lamps or power moving lights, LED fixtures, video screens or audio power amplifiers - in fact any situation where controlled power distribution is needed.

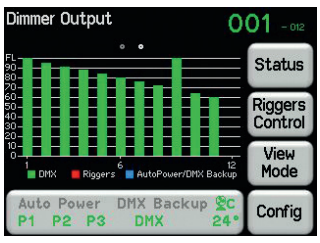
The GENX is available in two mechanical configurations: as 19" 3RU rackmount chassis suited for flight cases and other portable situations, as well as a compact wallmount chassis for permanent installations.

Rack mount variants are available with various rear-panel connector options to suit local markets.

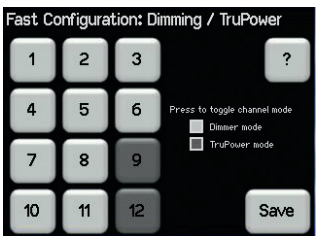
The wallmount GNXW models are available with front-mounted Australian GPO outlets or internal hardwired terminals. The minimal height of the unit allows more GNXW racks to be placed vertically on a wall to achieve a greater density of dimmers than with alternative products.

To aid installation, the rear-section of the wallmount chassis (approx. 1 kg) is removable, allowing a two-stage installation. One person can easily install the frame to the wall, and then attach the dimmer later.

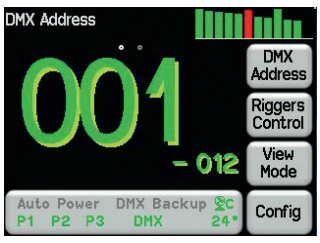
GENX screen displays



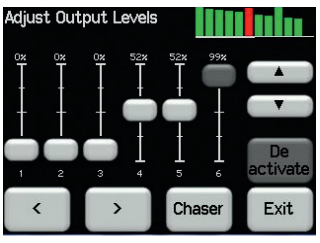
Dimmer level



Dimming or TruPower



DMX address



Output levels

Order Codes

Rackmount Models – 12Ch x 10A

GNXR12/10A	GENX 12Ch x 10A - Australian GPO outlets, 3-phase tail and plug. Dimmer/TruPower Rack - 3RU 19” rackmount with individual RCBO per channel. DMX and Direct Ethernet Data Inputs.
GNXR12/10T	GENX 12Ch x 10A - Screw terminals on rear panel. Dimmer/TruPower Rack - 3RU 19” rackmount w/ individual RCBO per channel. DMX and Direct Ethernet Data Inputs.
GNXR12/10W	GENX 12Ch x 10A - 2 x 16-pin Wieland connectors, 3-phase tail and plug. Dimmer/TruPower Rack - 3RU 19” rackmount with individual RCBO per channel. DMX and Direct Ethernet Data Inputs
GNXR12/10X	GENX 12Ch x 10A - 2 x 19-pin Socapex connectors, 3-phase tail and plug. Dimmer/TruPower Rack - 3RU 19” rackmount with individual RCBO per channel. DMX and Direct Ethernet Data Inputs.

Rackmount Models – 12Ch x 16A

GNXR12/16A	ENX 12Ch x 16A - Australian GPO outlets (12 x 15A). Dimmer/TruPower Rack - 3RU 19” rackmount with individual RCBO per channel. DMX and Direct Ethernet Data Inputs.
GNXR12/16T	GENX 12Ch x 16A - Screw terminals on rear panel. Dimmer/TruPower Rack - 3RU 19” rackmount with RCBO per channel. DMX and Direct Ethernet Data Inputs.
GNXR12/16W	GENX 12Ch x 16A - 2 x 16-pin Wieland connectors. Dimmer/TruPower Rack - 3RU 19” rackmount with individual RCBO per channel. DMX and Direct Ethernet Data Inputs.
GNXR12/16X	GENX 12Ch x 16A - 2 x 19-pin Socapex connectors. Dimmer/TruPower Rack - 3RU 19” rackmount with individual RCBO per channel. DMX and Direct Ethernet Data Inputs.

Rackmount Models – 6Ch x 25A

GNXR6/25A	GENX 6Ch x 25A - Australian GPO outlets (6 pairs of 20A/15A). Dimmer/TruPower Rack - 3RU 19” rackmount with individual RCBO per channel. DMX and Direct Ethernet Data Inputs
GNXR6/25T	GENX 6Ch x 25A - Screw terminals on rear panel. Dimmer/TruPower Rack - 3RU 19” rackmount with individual RCBO per channel. DMX and Direct Ethernet Data Inputs.

Rackmount Models – 3Ch x 63A

GNXR3/63C	GENX 3Ch x 63A Dimmer Rack (no TruPower) - Ceeform 63A single-phase outlets (x3) on rear panel, and 3-phase 10mm2 tail with 63A 3-phase CEEform plug. 3RU 19” rackmount with individual MCB and RCD per channel. DMX and Direct Ethernet Data Inputs. N.B. This model does not include TruPower due to the higher power rating.

Wallmount Models – 12Ch x 10A

GNXW12/10A	GENX 12Ch x 10A - Wallmount with Australian GPO outlets (12 x 10A) on front, internal screw terminals. Dimmer/TruPower with individual RCBO p/channel. DMX & Direct Ethernet Data Inputs.
GNXW12/10T	GENX 12Ch x 10A - Wallmount with internal screw terminals for power input and load connections. Dimmer/TruPower with individual RCBO per channel. DMX 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.
GNXW6/25T	GENX 6Ch x 25A - Wallmount with internal screw terminals for power input and load connections. Dimmer/TruPower with 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**
- **Further back panel options available upon request.**

Features

- Ethercon RJ45 connector for sACN, Art-Net, artRDM and future Ethernet protocols.
- RCBO circuit breaker per channel (combination MCB + 30mA RCD) rated at either 10A, 16A or 25A
- Optional Neutral Disconnect MCBs can be provided where RCBOs are not desirable
- Auto power mode – switches relay channels on when DMX is applied and off when DMX is no longer present
- 8-bit or 16-bit dimming
- Control and remote monitoring via RDM (Remote Device Management) or Houston-X
- On-board help screens
- Active Triac Control - virtually control any load.
- DMX snapshot of the DMX input from a lighting controller can be stored and recalled either locally or as an emergency backup on loss of DMX signal
- Sophisticated local rigger's control that can replay Scenes or Chases
- Auto or fixed fan speed
- Colour touchscreen with intuitive navigation – set each channel individually, control the outputs locally and view external fault conditions
- 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.

Technical specifications

- Model range – 12-channel with 10A or 16A rated outputs, 6-channel with 25A rated outputs and 3-channel with 63A rated outputs. All models are available in 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 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.
- Visual alarms for phase-fail, over-temperature and loss of DMX.
- Seamlessly dims conventional and LED fixtures, and other complex loads.

Hardware

GNXR – rackmount dimmer/distribution unit

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

Weight: GNXR12/10 and GNXR6/25 models – 18.5kg
GNXR12/16 models – 21kg



GNXW – wallmount dimmer/distribution unit

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

Weight: 21.5kg

Contact us

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