

GenVI

A New Era in Power and Dimming Control



The GenVI Advanced Dimming and Power Distribution System represents the sixth generation of dimmers designed by LSC over our 40-year history.

It was developed from industry feedback and our extensive experience and knowledge to provide an elegant solution to today's complex lighting and power-control requirements.

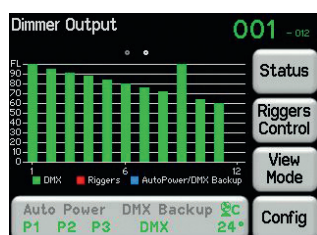
Equally at home across the lighting, sound and video markets, the GenVI Advanced Dimming System allows the user to configure any of its outputs in any combination, to be an 8-bit or 16-bit dimmer or a direct power relay channel (TruPower). This enables the GenVI to dim traditional lamps or power moving lights, LED fixtures, video screens or audio power amplifiers – in fact any situation where controlled power distribution is needed.

It can also be permanently installed or remain portable. The GenVI is available in two mechanical configurations – a 19" 3RU high rackmount chassis for flight case and

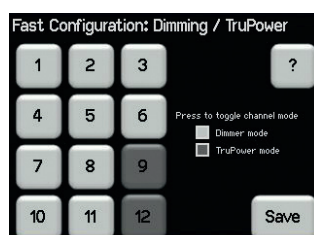
portable situations or a compact wallmount chassis for permanent installations. The GWV models are available with front-mounted GPO outlets for use with patch panels such as LSC's REDBACK series. The minimal height of the unit allows four to six GWV racks to be placed vertically on a wall to achieve a greater density of dimmers than with alternative products.

A hardwired variant has the terminals on the rear of the chassis, forming an installation frame that can be attached to a wall. All the supply and load cable terminations can be completed before the main body and electronics are installed. This method ensures easier access when terminating cables and ensures no accidental damage to the rack's electronics by tradespeople.

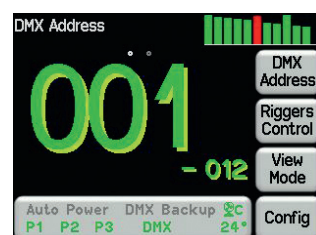
GenVI screen displays



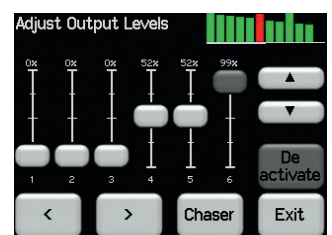
Dimmer level



Dimming or TruPower



DMX address



Output levels

Order Codes

Rackmount Models – 12Ch x 10A

GEN12/10A	GenVI Rackmount Dimmer/Distribution 12Ch x 10A – RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, 12 x 10A Australian outputs, 3-phase tail and 32A plug
GEN12/10S	GenVI Rackmount Dimmer/Distribution 12Ch x 10A – RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, CEE7 outputs, 3-phase tail
GEN12/10T	GenVI Rackmount Dimmer/Distribution 12Ch x 10A – RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, hardwired
GEN12/10W	GenVI Rackmount Dimmer/Distribution 12Ch x 10A – RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, 2 x 16-pin Wieland outputs, 3-phase tail
GEN12/10X	GenVI Rackmount Dimmer/Distribution 12Ch x 10A – RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, 2 x 19-pin Socapex outputs, 3-phase tail

Rackmount Models – 12Ch x 16A (not available for sale in Australia/NZ)

GEN12/16S	GenVI Rackmount Dimmer/Distribution 12Ch x 16A – RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, 2 x 19-pin CEE7 outputs, 3-phase tail
GEN12/16T	GenVI Rackmount Dimmer/Distribution 12Ch x 16A – RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, hardwired
GEN12/16W	GenVI Rackmount Dimmer/Distribution 12Ch x 16A – RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, 2 x 19-pin Wieland outputs, 3-phase tail
GEN12/16X	GenVI Rackmount Dimmer/Distribution 12Ch x 16A – RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, 2 x 19-pin Socapex outputs, 3-phase tail

Rackmount Models – 6Ch x 25A

GEN6/25A	GenVI Rackmount Dimmer/Distribution 6Ch x 25A – RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, 6 paired 20A/15A 3-pin Australian outputs, 3-phase tail and 40A plug
GEN6/25T	GenVI Rackmount Dimmer/Distribution 6Ch x 25A – RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, hardwired

Wallmount Models – 12Ch x 10A

GVW12/10A	GenVI Wallmount Dimmer/Distribution 12Ch x 10A – RCBO, TruPower, 3-pin Australian outputs, screw terminal input for mains connection
GVW12/10T	GenVI Wallmount Dimmer/Distribution 12Ch x 10A – RCBO, TruPower, hardwired

Wallmount Models – 6Ch x 25A

GVW6/25A	GenVI Wallmount Dimmer/Distribution 6Ch x 25A – RCBO, TruPower, 6 paired 20A/15A 3-pin Australian outputs, screw terminal input for mains connection
GVW6/25T	GenVI Wallmount Dimmer/Distribution 6Ch x 25A – RCBO, TruPower, hardwired

Options

- > Adaptor brackets for rackmount models to mount in Roobar frames
- > Hanging brackets for wallmount models to mount on Unistrut frames

Features

- > 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
- > Dimmer channels selectable between 8-bit and 16-bit
- > Control and remote monitoring via RDM (Remote Device Management) or Houston-X
- > On-board help screens
- > PTFD (Pulse Transformer Fired Dimming)
- > 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 fan control (user-defined)
- > 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 in Australia by LSC – an Australian-owned company with over 30 years' experience in developing world-first DMX512 products

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
- > 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, LED and neon lights



Hardware

GEN – rackmount dimmer/distribution unit

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

Weight: GEN12/10 and GEN6/25 models – 18.5kg
GEN12/16 models – 21kg

GVW – wallmount dimmer/distribution unit

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

Weight: 21.5kg



Open your camera and hover
your phone over the QR code
to view this product online.
gen.lsccontrol.com.au



Contact us

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