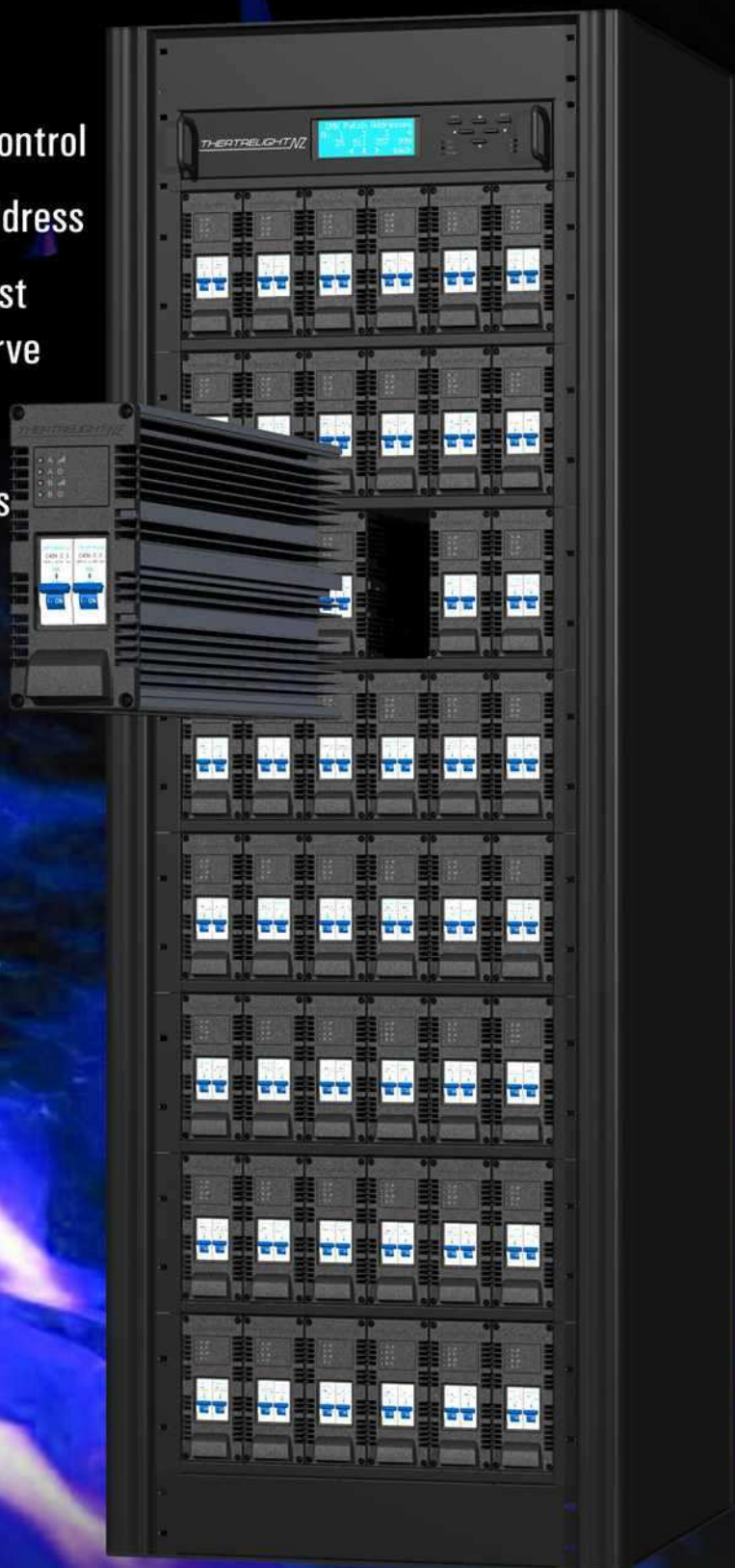


# TL PID II

## Plug-in Dimmer Rack

- Fully digital plug-in dimmer rack
- Distributed multi-processor dimmer control
- Each dimmer patched to any DMX address
- Individual Min, Max, Proportional, Test level, Soft-start time and Dimmer Curve
- 1, 2 and 4 channel dimmer Modules
- Available in 48 or 60 Module versions
- All wiring installed from the front



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# Digital Plug-in Dimmer Rack

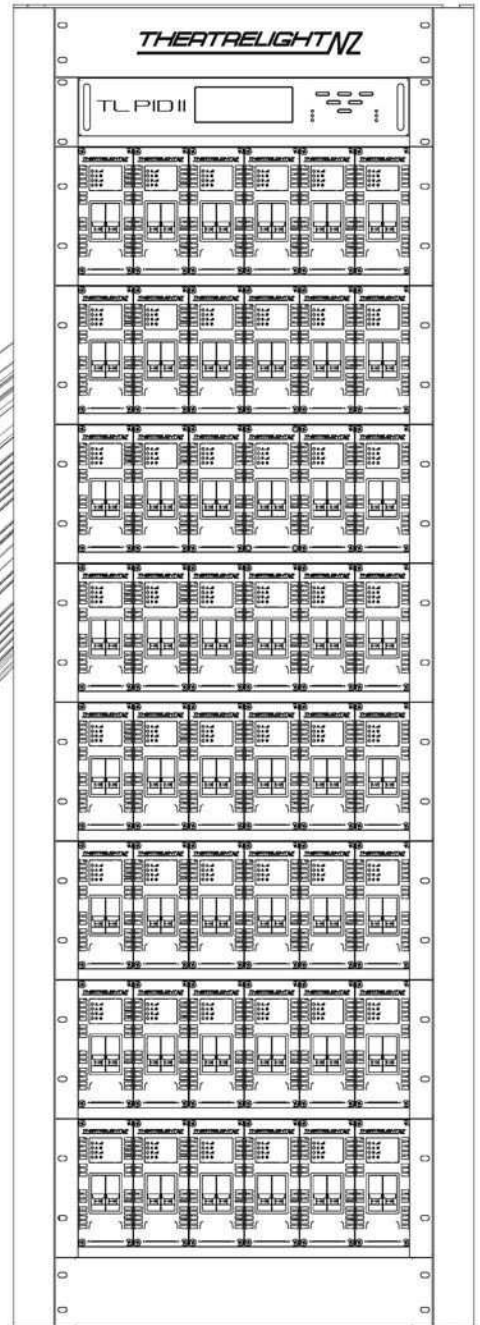
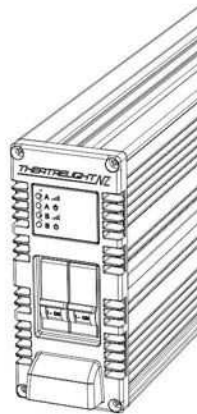
# TL PID II

The TL PID II modular plug-in dimmer rack features a highly reliable distributed multi-processor control system powered from multiple redundant power supplies. Every dimmer in the cabinet can be set up from the central controller using a large clear LCD display at eye level. Each dimmer may be patched to any DMX address, including any number of dimmers on the same DMX address for multiple loads such as large cycloramas. Each dimmer may be also set to its own Minimum, Maximum, Off, Proportional, and Test level, and to its own Soft-start Time and Dimmer Curve, including Non-Dim. When used on standard DMX input, the advantage of the new design is that the central setup processor does not need to be duplicated with an expensive back-up system in case of failure. In the unlikely event of complete failure of the central CPU, no break will be visible in the show: the dimmers will continue to respond to the desk signal regardless of the failure.

Each bin of 6 dimmer modules can be controlled by either of two DMX universes. Each of the DMX inputs per cabinet presents only 1/10th standard load to a DMX cable, allowing up to 100 cabinets on a single DMX cable. The PID II can also be fitted with a ArtNet standard DMX-over-Ethernet system, with a backup Ethernet controller if required. An additional optional RS485 control system can be used with remote keyplate lighting controllers, or as a reporting, and monitoring gateway. The PID II is available in a number of custom versions of up to 10 bins of 6 plug-in modules in each cabinet. Each module may be of 1, 2 or 4 dimmer channels using SCR, IGBT, or Sinewave dimming methods. PID II firmware is available in a number of different configurations, with both Stage Scenes software for theatre backup and Environ software versions for large scale architectural and mood lighting applications

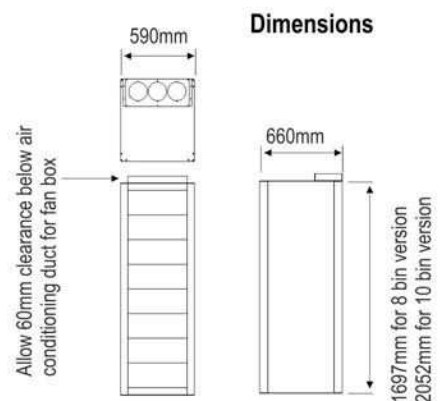
## Features

- Simple menu system with large 4 line, 20 character auto dimming LCD display providing instant access to every dimmer in every bin
- Up to 10 bins of dimmers per cabinet, each of 6 plug-in modules, of 1, 2, or 4 dimmers
- Easy to use menu set-up of all dimmer parameters
- Each dimmer may be set to its own DMX address, its own Min, Max, Off, Proportional and Test level, Soft-start Time, and Dimmer Curve
- All dimmer parameters held in non-volatile flash memory
- Fully redundant main set-up microprocessor when used on DMX
- Multiple distributed dimmer microprocessors
- Redundant, high reliability power supplies, 90-265 volts AC, 45-65 Hertz
- Redundant temperature controlled cooling fans for low acoustic noise
- Two isolated DMX inputs per cabinet, each 1/10th standard load
- Each bin of 6 modules can be selected to be controlled from either DMX universe
- Optional ArtNet Ethernet control and reporting system with optional backup Ethernet controller
- Optional Stage Scenes software for auto playback of 64 backup scenes
- Optional Environ software for large scale mood lighting, arhitecural lighting, and building control applications



## Specifications

- Construction:** Aluminium extrusions, powdercoated steel cabinet, molded module fronts
- Input Power:** 90 to 265 volts AC, 3 phase and Neutral, 600 amps per phase, 45 to 65 Hz
- Wiring:** Busbar studs for mains input, moving cage terminals for load outputs
- Wiring Installation:** Mains and load cables front wired: no rear access required
- Dimmer Bins:** Up to 10 bins per cabinet, each of 6 plug-in dimmer modules
- Dimmer Modules:** Module sizes of 1 x 12kW, 2 x 6kW, 4 x 2.5kW, or custom design
- Dimmer Types:** SCR with TV or Theatre toroidal filter chokes, IGBT, and Sinewave options
- DMX Control:** Two DMX-512 universes per cabinet, bin by bin selectable
- Ethernet Control:** Two DMX-over-Ethernet universes per cabinet, Art-Net standard
- Data Connectors:** 5 pin XLR for DMX-512, RJ45 for Ethernet and RS-485 remote control.



Your Local Distributor:

# THEATRELIGHT NZ

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