

RACKPACK II

Digital Dimmer



Digital dimmer
for Theatre and Television

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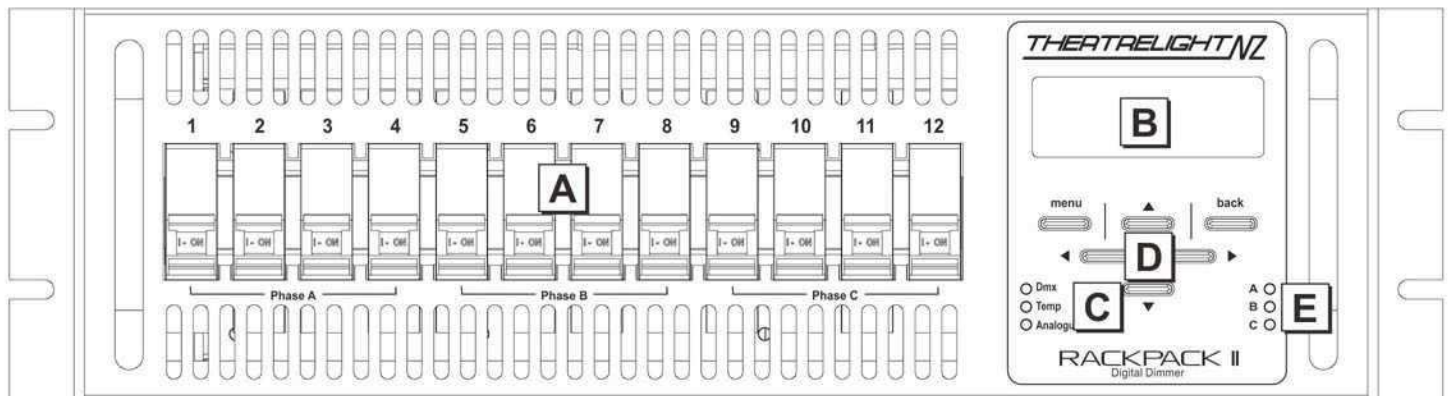
THEATRELIGHT NZ

Rack Pack II Dimmer Pack

RACKPACK II

Simple to set up and use, the Rackpack II has all the functions necessary in a simple and reliable dimmer for Theatres or Television studios. Improving on the original trusted Theatrelight Rackpack, this new design uses the latest microprocessors and components chosen for reliability. The isolated DMX input presents only 1/8 th standard loading, reducing the possibility of DMX errors. Additionally, mains noise filters ensure immunity to mains interference even in the most adverse environment. The Rackpack is also fitted with analogue voltage control input, making it suitable for use with older control desks or custom control systems. The wide input voltage and frequency range allows the Rackpack II to work in any country. The Rackpack II is available in an economic 12 channel Triac model, and 12 and 6 channel SCR versions in a variety of output configurations.

- Simple and easy to use menu system
- Large 4 line, 20 character auto dimming LCD display
- Programmable DMX Start address and DMX Fail modes
- Decodes up to Chn 4096 for multiple universe installations
- 0 to +10 volt analogue input control per dimmer
- Individual Minimum, Maximum, and Test levels per dimmer
- Individual Soft-start Time and Non-Dim setting per dimmer.
- All dimmer parameters held in non-volatile flash memory
- DMX-512 in and through connectors
- Variable speed cooling fan for low acoustic noise and long life
- Amorphous iron powder toroidal chokes for low EMI
- High immunity to Mains interference and low DMX signal
- Protection by Thermal/Magnetic circuit breakers
- Isolated, floating DMX input, 1/8 th standard RS-485 load



Front Panel Legend

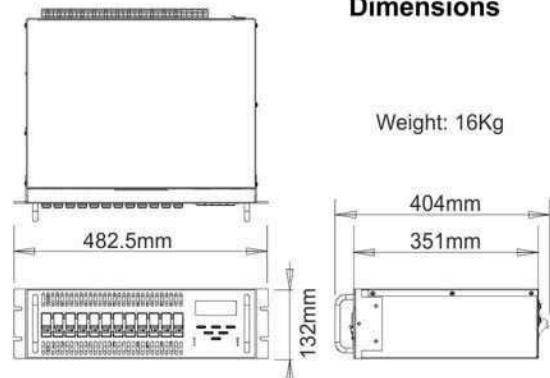
- A: Thermal/Magnetic Circuit Breakers (MCB) protect each dimmer in the event of a lamp failure or load short circuit
 B: 4 row x 20 character Yellow/Green LCD display with large clear characters for easy readability

- C: The DMX LED shows the presence of DMX signal, and any errors. The TEMP LED shows the internal temperature, while the Analogue LED indicates the presence of 0-10 volt inputs
 D: Simple keyboard allow easy setup of DMX Start Address, dimmer parameters, and other programming functions
 E: A B C LEDs indicate presence of mains power on each phase

Specifications

- Form:** 3u high, 19 inch rack wide, with removable mounting wings
Construction: Baked powder coated zinc-plated steel case
Electronics: Flash MCU, digitally controlled power devices
Input: 90 to 265 volts AC, 1, 2 or 3 phase and Neutral, 45 to 65 Hz
Output: 12 channel Triac and SCR versions, and 6 channel SCR versions available in various current ratings
Terminations: Moving cage terminals, or cable input with socket outputs depending on model and destination country
Control Input: DMX-512 via Neutrix 5 Pin XLR In/Thru connectors
Analogue Input: Analogue control (0 to +10 volt) via DB-15 female

Dimensions



Your Local Distributor:

THEATRELIGHT NZ

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