

# NEBULA

## Digital Dimmer



**Advanced digital dimmer**  
**Ideal for Theatres and Television Studios**  
**Environmental and Display version available**

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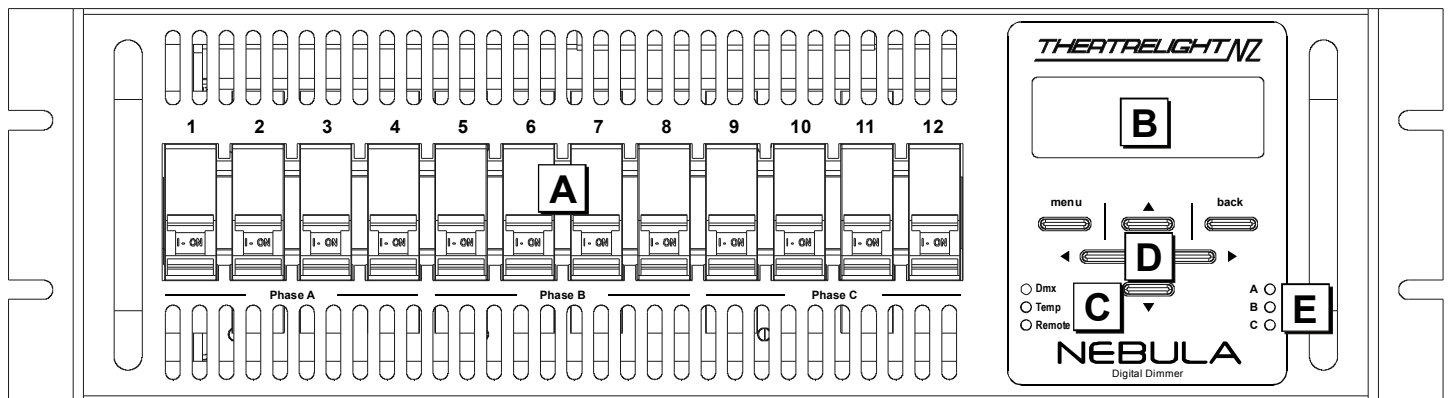
**THEATRELIGHT NZ**

## Nebula Digital Dimmer

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Designed for flexibility, and reliability, the Nebula digital dimmer offers a wide range of features accessed through an easy to use LCD display and intuitive menu system. The internal temperature sensing fan, efficient toroidal chokes and thermal/magnetic circuit breakers keep this dimmer pack performing under the most rigorous conditions. The wide range of automatic input voltage and frequency sensing means this pack will work on any mains supply in the world, making it the ideal dimmer pack for both touring and permanent installation. It is available in a variety of different channel and output configurations, and can be customised to order.

- ! Large 4 line, 20 character auto dimming blue LCD display
- ! Programmable DMX Start, DMX Patch, and DMX Fail modes
- ! Each dimmer may be patched to any DMX channel
- ! Decodes up to Chn 4096 for multiple universe installations
- ! Individual Min, Max, Switch Off, and Test levels per dimmer
- ! Individual Proportional Level and Soft-start Time per dimmer.
- ! Individual Dimmer Curve/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
- ! Hard fired SCR circuitry with high immunity to mains noise
- ! Load and SCR protection by Thermal/Magnetic circuit breakers
- ! Isolated, floating DMX input, 1/8 th standard RS-485 load



### Front Panel Legend

- A: Thermal/Magnetic Circuit Breaker (MCB) protects each dimmer in the event of a lamp failure or load short circuit
- B: 4 row x 20 character STN Blue LCD display with large clear backlit white characters for display of all dimmer parameters and other programmable functions
- C: The DMX LED shows the presence of DMX signal, and any errors. The TEMP LED shows the internal temperature status, while the Remote LED indicates Remote Control
- D: Backlit keys with fast-track menu system for easy setup of all dimmer parameters and other programming functions
- E: A B C LEDs indicate presence of mains power on each phase

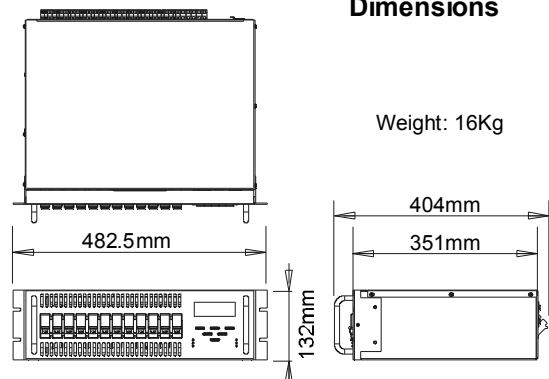
### Nebula ENV Environmental Version

- ! The Nebula ENV allows connection of up to 100 Nebulas controlled by building management computer or wall plates
- ! Each Nebula may be wired to 10 wall plates, each of 6 keys
- ! Data link via RJ45 connectors for remote or slave control
- ! Two modes- Stage mode, or Environ mode
- ! In Stage mode, each Nebula stores 48 backup Scenes
- ! In Environ mode, each Nebula stores 24 dimmer Presets
- ! Text labels for all Scenes and Presets
- ! Individual up, down, delay fade times for each Scene/Preset
- ! In-the-field programmable wall plates available
- ! Remote control and reporting system built-in

### 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 SCR power devices  
**Input:** 90 to 265 volts AC, 1, 2 or 3 phase and Neutral, 45 to 65 Hz  
**Output:** 12 channel, 6 channel, 3 channel, and single channel 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  
**Remote Input:** RS-485 data link via RJ-45 In/Thru connectors

### Dimensions



Your Local Distributor:

## THEATRELIGHT NZ

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