

# CITY THEATRICAL

NEW YORK • LONDON

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**D4 HP Dimmer**  
**PN 5750**  
**PN 5752**

The **D4 HP Dimmer** provides a powerful and affordable new way to control LED tape, other LEDs, or low voltage incandescent fixtures.

## DMX Control Features

The D4 HP Dimmer Includes:

- Rotary switches for DMX addressing
- 0-10V input control
- DMX 5-pin XLR terminals for input/Pass-Thru
- RJ45 Terminals for DMX In/Pass-Thru
  - Note: A total of one input, and one output may be used per D4 HP
- Termination switch for end-of line DMX termination
- RDM Responder functions



## Mechanical

- Rugged NEMA 1 Aluminum enclosure
- Surface mounting tabs for wall or deck mounting

## Electronic/ Functional Features

All units include:

- Bump Buttons
- Rotary switch, DMX Addressing
- DIP Switch, Curve Selection (four choices)
- DIP Switch, LED TV and Film Modes (five choices)
- DIP Switch, 0-10V Input Control Enable(on-off)
- DIP Switch, DMX Termination (on-off)
- LED indicators:
  - Dimmer pilot lights (one for each channel)
  - DMX (data present)
  - Status
- Fan Cooled

## Other Features

All units include:

- Four dimmer output channels with two outputs per channel
  - Max output per dimmer channel 10A shared between two outputs
    - Catalog 5750 has 2 terminal blocks per channel
    - Catalog 5752 has 1 Anderson PowerPole pair per channel
  - Anderson Powerpole or screw terminals
- Max total output per device 40A
- Fully RDM enabled
- Individual DMX addresses
- Internal power supply(12V, 40A)
- Self healing over current protection
- Individually protected against over-temperature
- Individual bump buttons

- PWM resolution 16-bit
- Dimming Curves
  - Linear, 60Hz
  - ISL, 60Hz
  - Non-Dim
- LED Features:
  - Six variable LED smoothing rates
  - Five TV/Film Modes

**LED Non-Flicker Camera Testing For Film and Video**

The City Theatrical D4 HP Dimmer was tested and found to be flicker free at these settings. Always perform your own testing. Call us to obtain more information on flicker free setup.

Camera	Product	Frames Per Second	Shutter Angle	Aperture	F & V Modes Tested
35mm Moviecam SL	5722-5742	24fps	180°	<i>f</i> /4	1,2,3,4
35mm Moviecam SL	5722-5742	48fps	180°	<i>f</i> /2.8	1,2,3,4
35mm Moviecam SL	5722-5742	48fps	144°	<i>f</i> /2.6	1,2,3,4
Red Epic	5722-5742	24fps	180°	<i>f</i> /5.6	1,2,3,4
Red Epic	5722-5742	48fps	180°	<i>f</i> /4	1,2,3,4

**Compliance:**

- ETL Listed to UL508-A
- CE Certified
  - Emissions/Immunity
  - Electrical Safety
  - WEEE
  - Sustainability
  - RoHS Compliant

**Power:**

- 100 – 240 VAC 10A Max Power Input
- Power Factor: 0.95 @ 230Vac, 0.99 @ 115Vac at full load
- 10A T 250V input fuse for protection

**Weight:** 6.7 lbs (3 kg)

**Dimensions:** 12.25" (L) x 8.00" (W) x 4.062" (H)  
 311mm (L) x 203mm (W) x 103mm (H)