

D4 HP Dimmer -Nos. 5750, 5752, 5754, 5756

DESCRIPTION

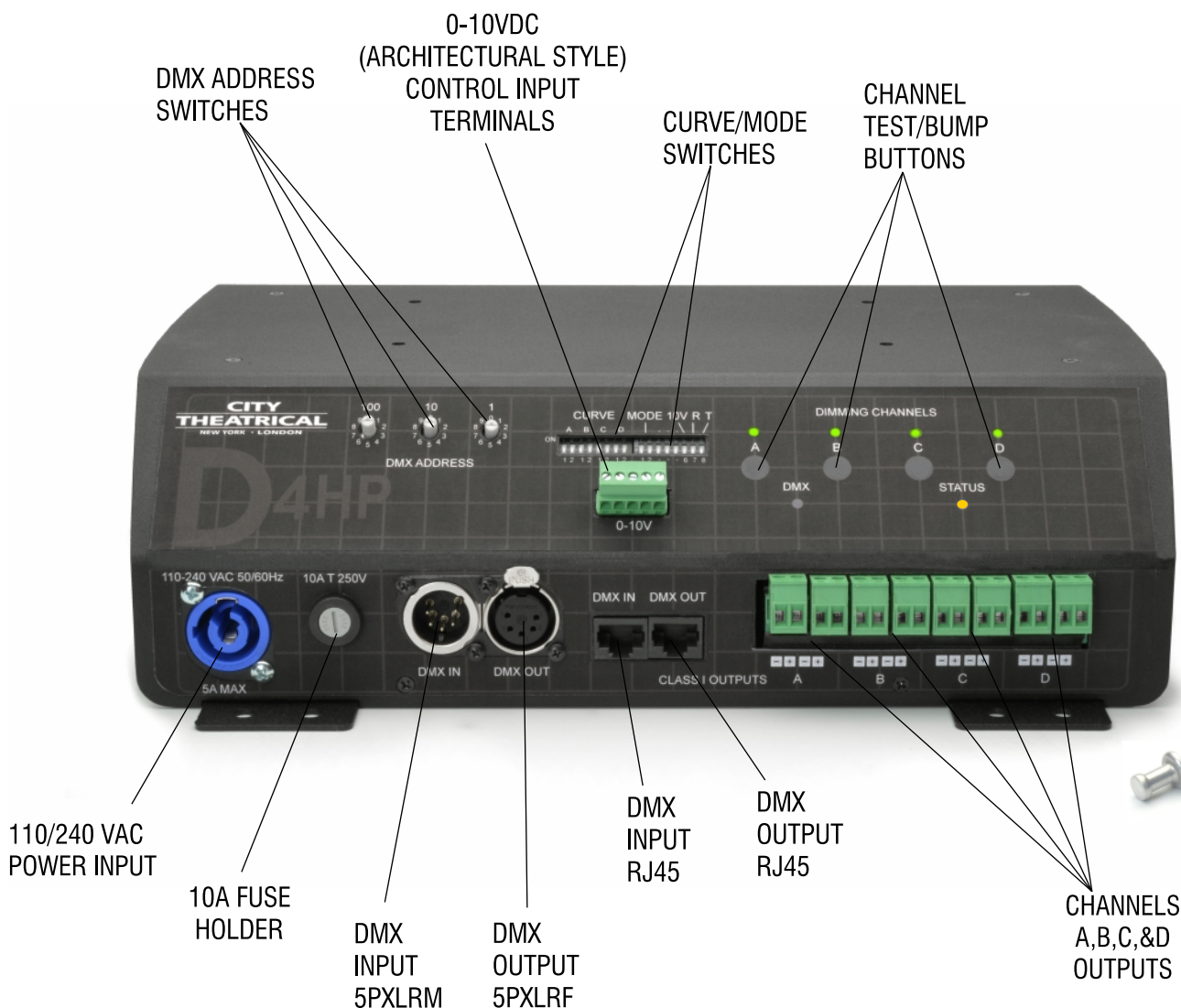
The D4 HP Dimmer combines all of the functionality of our D4 Dimmer with higher output and an integral 40A power supply in one unit. Designed for surface mounting to scenery, the angled control surface is both visible and accessible in tight spaces and corners. This workhorse is the perfect self contained unit for the heavy demands of theatrical and touring events.

The D4HP is compatible with both DMX 512 and 0-10VDC Analog architectural style control data. Both RJ45 and 5PXL R connectors are standard for DMX connection. Other features include: Four dimming modes: *Linear* and *ISL* for incandescent use, *Non-Dim* (on/off) -for relays, solenoids

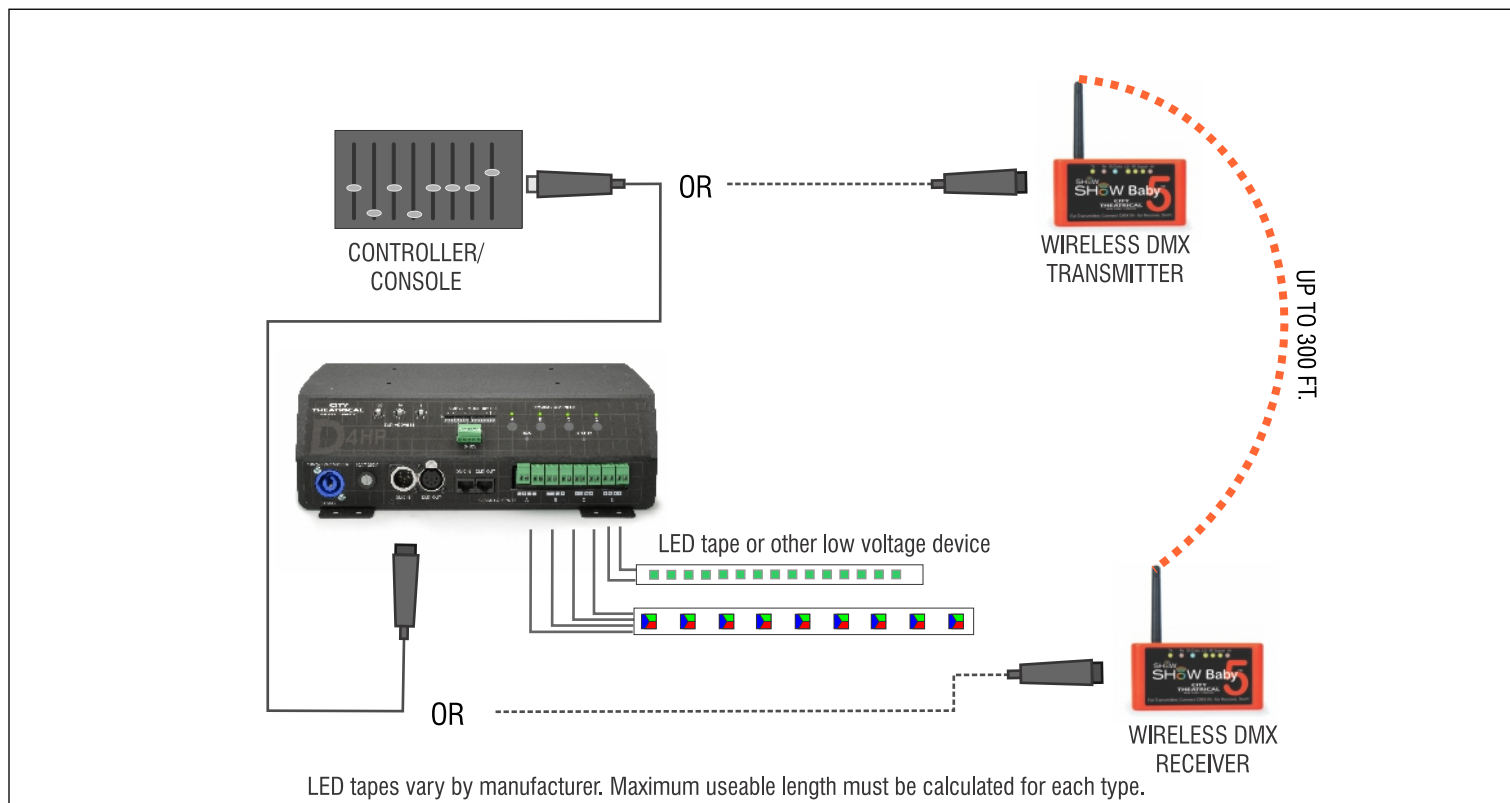
etc., and *LED*. It also provides four variable smoothing rates and 5 TV/Film modes for ultra-smooth low end dimming and flicker free performance with LED tape.

110-240VAC input. 10A max output per channel, 40A max output per device

Part No.	Name
5750	D4 HP Dimmer, 12V, Terminal Blocks
5752	D4 HP Dimmer, 12V, Anderson Connectors
5754	D4 HP Dimmer, 24V, Terminal Blocks
5756	D4 HP Dimmer, 24V, Anderson Connectors



TYPICAL SETUP SCHEMATIC



SPECIFICATIONS

Input Power

100-240VAC 50/60 Hz

Output Power

10A-120watts per channel @12V

10A-240watts per channel @ 24V

Features

- Four dimmer output channels
- Each channel individually protected against over-current
- Each channel individually protected against over-temperature
- Dimmer resolution 16-bit
- Dimming Curves (individually assignable by channel):
 - Linear
 - ISL
 - Non-Dim
 - LED
- LED Modes
 - Tv / Film 1
 - Tv / Film 2
 - Tv / Film 3
 - Tv / Film 4
 - Tv / Film 5 (via RDM only)
- LED Smoothing Modes (Four Settings)
- Individual DMX addresses
- Fully RDM enabled

Electronic/ Functional Features

- Individual Bump Buttons
- BCD DMX Addressing (9POS)
- DIP Switch, Curve Selection (4POS)
- DIP Switch, LED Curve Selection
- LED indicators:
 - Dimming Channels
 - Data (data present)
 - Status

Connections

- Neutrik PowerCON connector for mains power cord
- DMX Input/Output via 5P XLR and RJ45
- 0-10VDC Architectural Style Analog via 5P screw terminal
- Dimming Channels 2P screw terminals (2x ea)- (Optional 30A Anderson Power Pole connectors)

Mechanical

- NEMA 1 Aluminum enclosure

Compliance

- RoHS Compliant