

# D4 Dimmer -No. 5740

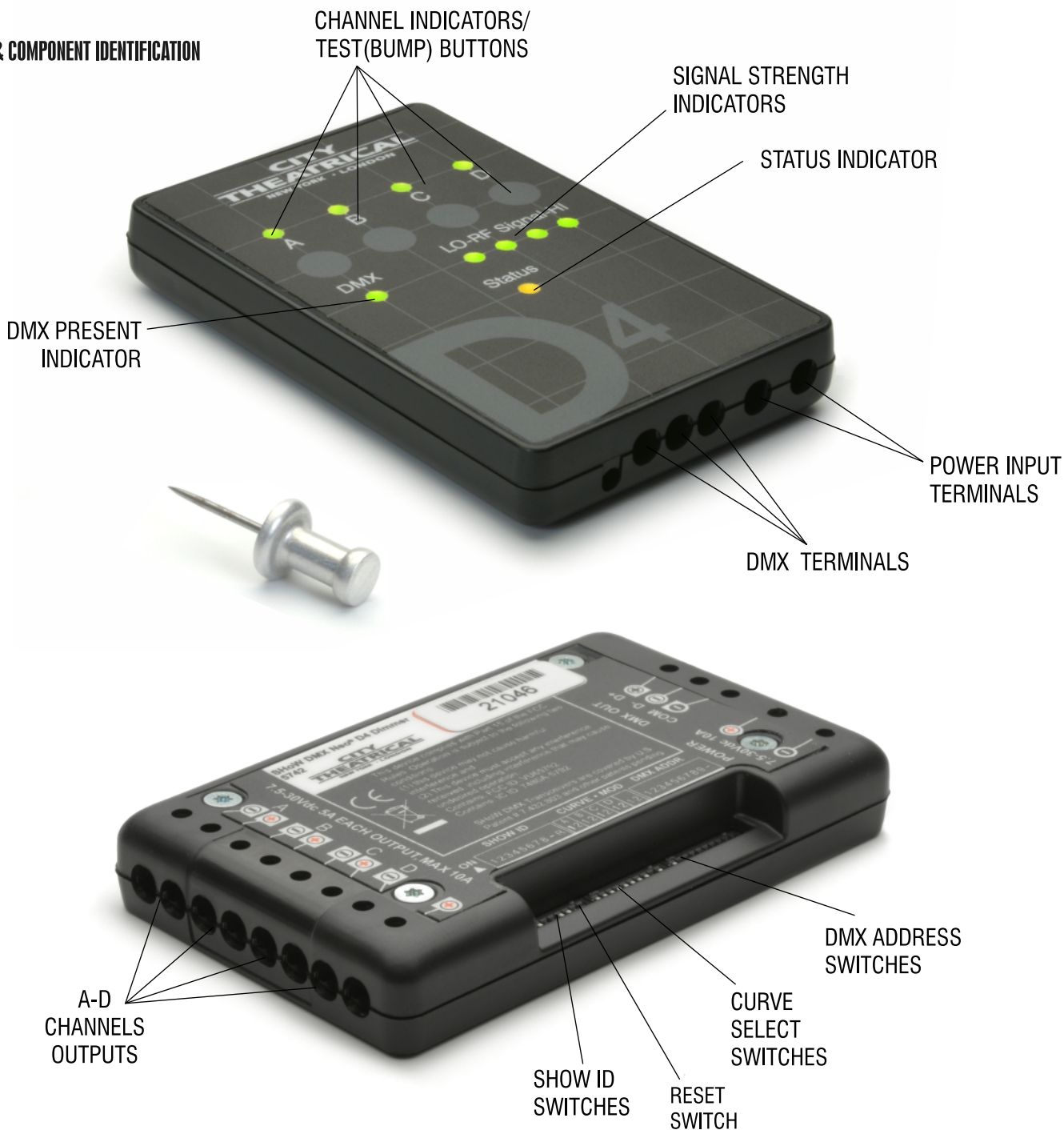
## DESCRIPTION

By adding two additional output channels to our D2 Dimmer, the D4 Dimmer offers increased control versatility in an affordable compact package. The four channel configuration allows the unit to work perfectly with 1,2,3, or 4 color tapes. It is suited for applications where color mixing and illumination are needed for creating dramatic effects.

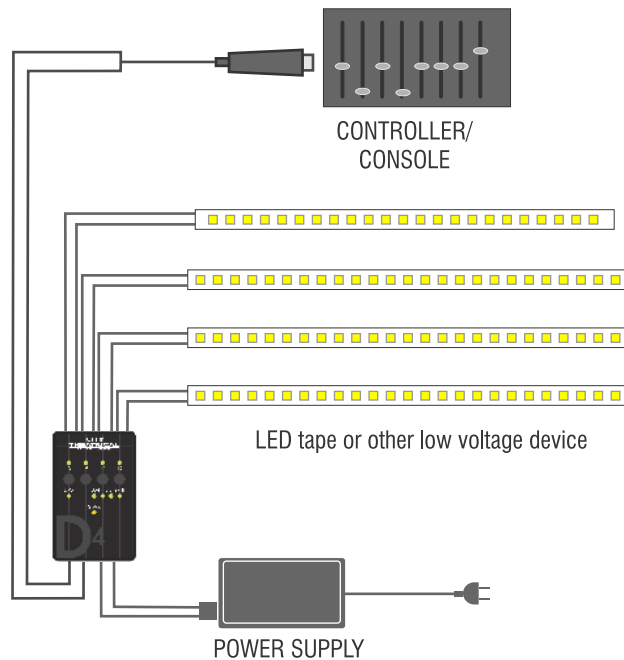
The D4 accepts wired DMX data communication from

controllers/consoles. Other features include: Bump Buttons, Four dimming modes: *Linear* and *ISL* for incandescent use, *Non-Dim* (on/off) -for relays, solenoids etc., and *LED*. The D4 also provides four variable smoothing rates and five TV/Film modes for ultra-smooth low end dimming and flicker free performance with LED tape. 7.5-30VDC 10A max input. 5A max output per channel, 10A max output per device.

## FEATURES & COMPONENT IDENTIFICATION



## TYPICAL SETUP SCHEMATIC



LED Tapes vary by manufacturer. Maximum useable length must be calculated for each type.

## SPECIFICATIONS

### Power

Maximum 5A-60watts per channel @12V  
Maximum 5A-120watts per channel @ 24V  
Maximum 10A per device

### 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)
- Start DMX address
- Fully RDM enabled

### Electronic/ Functional Features

- Individual Bump Buttons
- DIP Switch, DMX Addressing (9POS)
- DIP Switch, SHoW ID addressing (8POS)

- DIP Switch, Curve Selection (4POS)
- DIP Switch, LED Curve Frequency Selection (2 POS)
- LED indicators:
  - Dimmer pilot lights (one for each channel)
  - Data (data present)
  - Status

### Connections

- Screw terminal connections for power input and dimmed output
- 3P Screw Terminals for DMX Out

### Mechanical

- NEMA 1 ABS enclosure

### Compliance

- RoHS Compliant

### WHATS IN THE BOX:

*D4 unit  
User manual*

### ADDITIONAL REQUIRED COMPONENTS:

*Controller/console  
Power supply  
DMX cable*

### RECOMMENDED ACCESSORIES:

*Wireless Transceiver:  
SHoW DMX Neo / SHoW Baby 5*