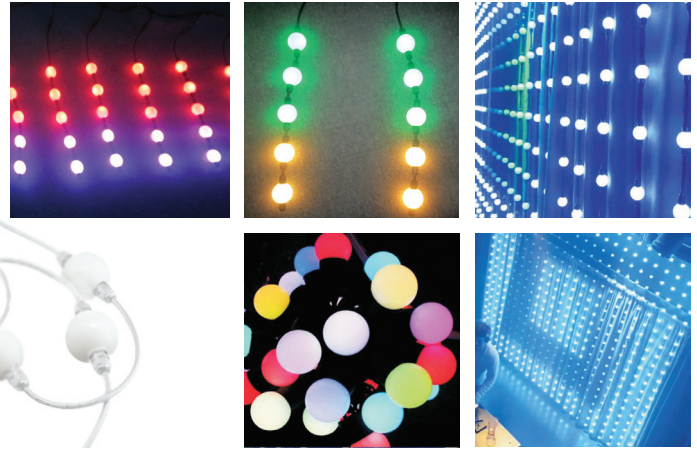# Ultra LED SERIES

DMX Spheres

Product Code
DL-DMXSPHERE

Product Description:

DMX Spheres can be seen from all sides. Each sphere string can be hung and be connected from one to the other using special 4-pin cables. Applications include decorations for retail shops, shopping centers, night clubs, hotel lobbies, staging and matrix curtains. Using multiples, you can create amazing aerial 3D and matrix effects. This product can be used indoor and outdoor.

Product Features and Specifications:

- Light source: 0.72W SMD 5050 RGB LEDs x 4
- Long life LED light source: Average 50,000 hours
- Low power consumption (0.72W per sphere) and no heat
- No flicker, constant current driven LEDs
- RGB color mixing with independent control of each pixel
- View angle: 360 degrees
- Easy to connect and control with DMX 512 controller
- DMX In/Out: using special cables/connectors (sold separately)
- Manually addressable using black box settings tool
- Insulation Rating: IP65
- Operating temperature rating: -20°C to 60°C
- Power input: 15vDC
- Diameter: 50 MM
- Sphere color: Opaque white or clear acrylic

	Customizable
Distance between spheres	minimum 15 cm maximum 1 meter
Cable color	Black or White
Cable gland	Black or Light gray
Number of spheres on one strand	170 maximum (Limited by DMX and power supply)
Voltage drop	After 50 Spheres

Optional Accessories:

DA-4PE1 **Specifications:** 4-Pin Male to Female, 1 meter length. ■ Cable length: 40" long x 3/4" diameter ■ Weight: 0.2 lbs ■ Color: Black **E**

DA-4PE5 **Specifications:** 4-Pin Male to Female, 5 meter length. ■ Cable length: 197" long x 3/4" diameter ■ Weight: 1 lb ■ Color: Black

DA-4PPT **Specifications:** T split cable with 2-Pin male to 4-Pin male in and out to 4-Pin female ■ Cable length: 12" wide x 6.5" high ■ Weight: 0.19 lbs ■ Color: Black **D**

DA-4PDPI/S **Specifications:** 4-Pin female to DMX Data 3-Pin Male XLR and 2-Pin Power In ■ Includes an End of line Terminator ■ Cable length: 12" wide x 6.5" high ■ Weight: 0.19 lbs ■ Color: Black **C**

DA-4PT **Specifications:** 4-Pin connectors from 1 male to 2 females ■ Cable length: 12" wide x 6.5" high ■ Weight: 0.131 lbs ■ Color: Black **B**

DA-4PPI **Specifications:** 2-Pin female to 2 meter tail with leads ■ Cable length: 78" long x 3/4" diameter ■ Weight: 0.525 lbs ■ Color: Black **A**
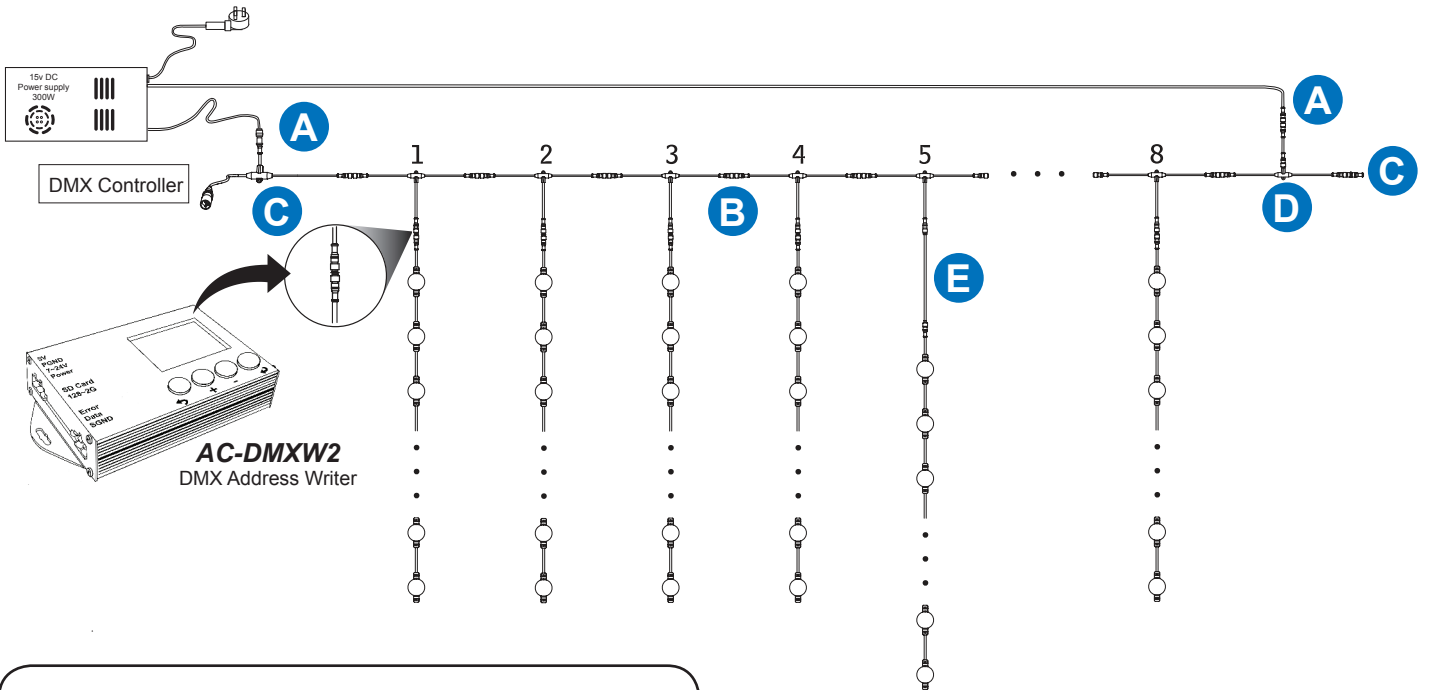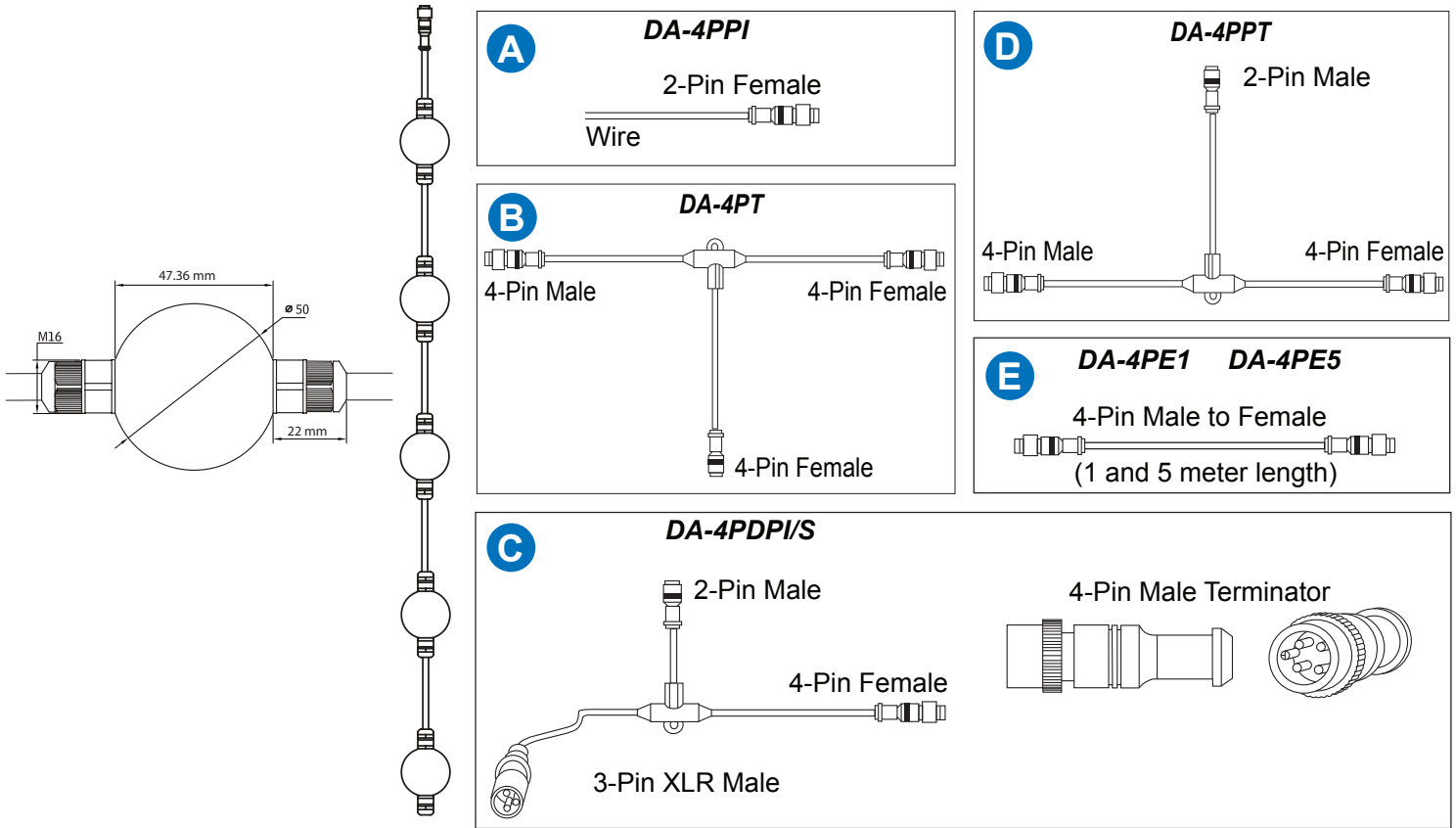
AC-DMXW2 **Specifications:** Used to set start DMX addresses ■ 7-24vDC input connection block, terminal block connections output ■ Size: 5.5" x 3" x 1" ■ Weight: 0.44 lbs ■ Color: Black

Example Configuration

A — DA-4PPI
2-Pin Female
Wire

B — DA-4PT
4-Pin Male   4-Pin Female
4-Pin Female

C — DA-4PDPI/S
2-Pin Male
4-Pin Female
3-Pin XLR Male

D — DA-4PPT
2-Pin Male
4-Pin Male   4-Pin Female

E — DA-4PE1   DA-4PE5
4-Pin Male to Female
(1 and 5 meter length)

4-Pin Male Terminator

47.36 mm
Ø 50
M16
22 mm

15v DC Power supply 300W
DMX Controller

1 2 3 4 5 8

AC-DMXW2
DMX Address Writer

10900 Palmbay Drive, Orlando, FL 32824 U.S.A.
Phone: 407-857-8770 Fax: 407-857-8771
www.techni-lux.com
Techni-Lux

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