

APR 005

Fusion DMX Splitter

1.5.2

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The Fusion[®] DMX Splitter 1.5.2

....with “self healing” technology this is the most advanced splitter / buffer you can buy....



....complete Firewall protection for your DMX devices.

✓ Incredible Technology

Celco's Fusion DMX Splitter 1.5.2 utilises the latest aviation technology to offer a product of unparalleled sophistication and robustness.

No other product offers such an advanced specification at any price. Just look at these features:

✓ Individual Output Protection

All five outputs feature individual isolation and protection. This means that if a fault occurs on a piece of equipment connected to one output, fixtures on the other outputs are totally protected.

In addition the input connector has its own protection, this gives a double barrier between fixtures and the console and protects the console against a fault on the mains supply to the buffer itself (i.e. if the buffer unit was inadvertently connected across two phases).

✓ 1200V / 1 Minute Optical Isolation Barrier

Each output has an optical isolator that is capable of withstanding voltages of up to 1200V for one minute. Each isolator has its own power supply eliminating any direct electrical connection between outputs.

✓ Line Voltage Protection

Not only does the Celco Fusion 1.5.2 protect your various pieces of equipment from inadvertent DMX-to-mains connection it also protects itself.

Each individual output is protected so that no damage will occur to the buffer even if they are connected directly to 230V by mistake.

✓ Short Circuit Protection

Each output is protected against short circuits, or incorrectly wired connectors.

✓ Slew Rate Limit

The outputs have a reduced slew rate that prevents high frequency noise and eliminates poor data reception.

✓ **Input termination**

The DMX input has built in termination so it is simply a case of connecting it directly to the lighting console.

✓ **Built in Power Supply**

The buffer unit has its own built in power supply with a captive cable so there are no connectors to fall out.

User Selectable 230V / 115V and 100V versions are available.

✓ **Modular Isolation**

All the components that provide the opto-isolation are built into a single plug-in module for each channel making servicing ultra-simple.

In addition each module is completely interchangeable with other channels including the input module.

✓ **Status LED**

The status LED has three states:

Off – No power

Red – Power OK, but no DMX input

Green – Power OK and DMX being received

✓ **Other features**

2 x M10 threaded inserts for mounting or hook clamp attachment

Rugged, black powder coated, die-cast case. Unit dimensions, 170mm x 120mm x 55mm, (lwd) weight 1.0kg

Multilayered circuit board

All metal Deltron connectors

Non isolated output loop through to other Celco buffers

CE approved, conforming to EN50081-1 and EN50082-1

✓ **Availability**

The Fusion DMX Splitter 1.5.2 is available from stock.

- ① Contact your Celco Dealer or Celco direct on:
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