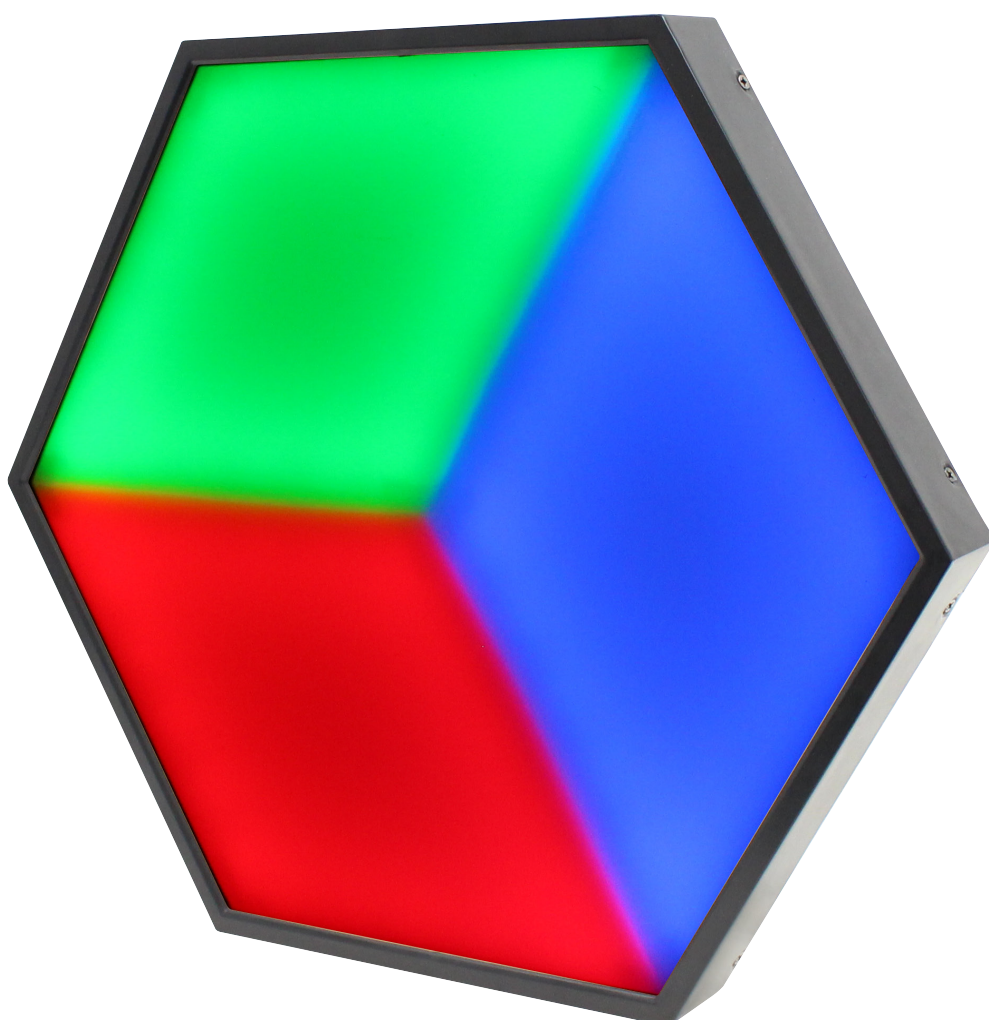


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Display 3D User Manual

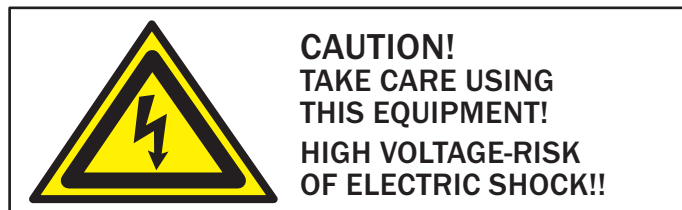


Order code: LEDJ450

WARNING

FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE YOUR INITIAL START-UP!

- Before your initial start-up, please make sure that there is no damage caused during transportation.
- Should there be any damage, consult your dealer and do not use the equipment.
- To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.
- Please note that damages caused by user modifications to this equipment are not subject to warranty.



IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorised modification to the equipment.

- Never let the power cable come into contact with other cables. Handle the power cable and all mains voltage connections with particular caution!
- Never remove warning or informative labels from the unit.
- Do not open the equipment and do not modify the unit.
- Do not connect this equipment to a dimmer pack.
- Do not switch the equipment on and off in short intervals, as this will reduce the system's life.
- Only use the equipment indoors.
- Do not expose to flammable sources, liquids or gases.
- Always disconnect the power from the mains when equipment is not in use or before cleaning! Only handle the power-cable by the plug. Never pull out the plug by pulling the power-cable.
- Make sure that the available mains supply voltage is between 100~240V AC, 50/60Hz.
- Make sure that the power cable is never crimped or damaged. Check the equipment and the power cable periodically.
- If the equipment is dropped or damaged, disconnect the mains power supply immediately and have a qualified engineer inspect the equipment before operating again.
- If the equipment has been exposed to drastic temperature fluctuation (e.g. after transportation), do not connect power or switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
- If your product fails to function correctly, stop use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Pro Light dealer for service.
- Only use fuses of same type and rating.
- Repairs, servicing and power connection must only be carried out by a qualified technician. THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.
- This lighting fixture is for professional use only - it is not designed for or suitable for household use. The product must be installed by a qualified technician in accordance with local territory regulations. The safety of the installation is the responsibility of the installer. The fixture presents risks of severe injury or death due to fire hazards, electric shock and falls.
- Warning! Risk Group 2 LED product according to EN 62471. Do not view the light output with optical instruments or any device that may concentrate the beam.
- WARRANTY: One year from date of purchase.

OPERATING DETERMINATIONS

If this equipment is operated in any other way, than those described in this manual, the product may suffer damage and the warranty becomes void. Incorrect operation may lead to danger e.g: short-circuit, burns and electric shocks etc.

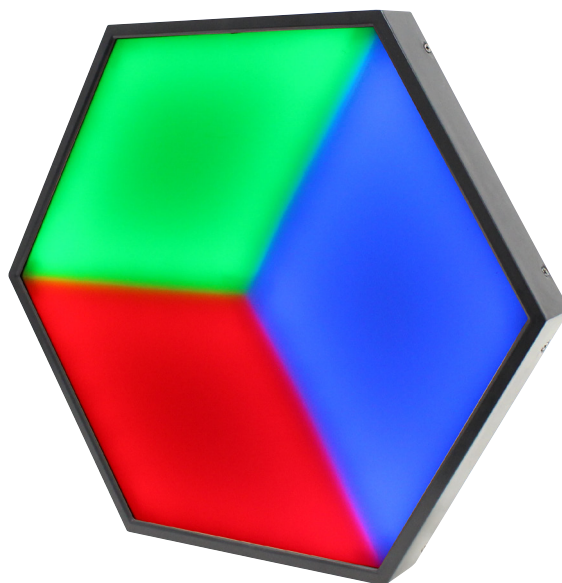
Do not endanger your own safety and the safety of others!

Incorrect installation or use can cause serious damage to people and/or property.

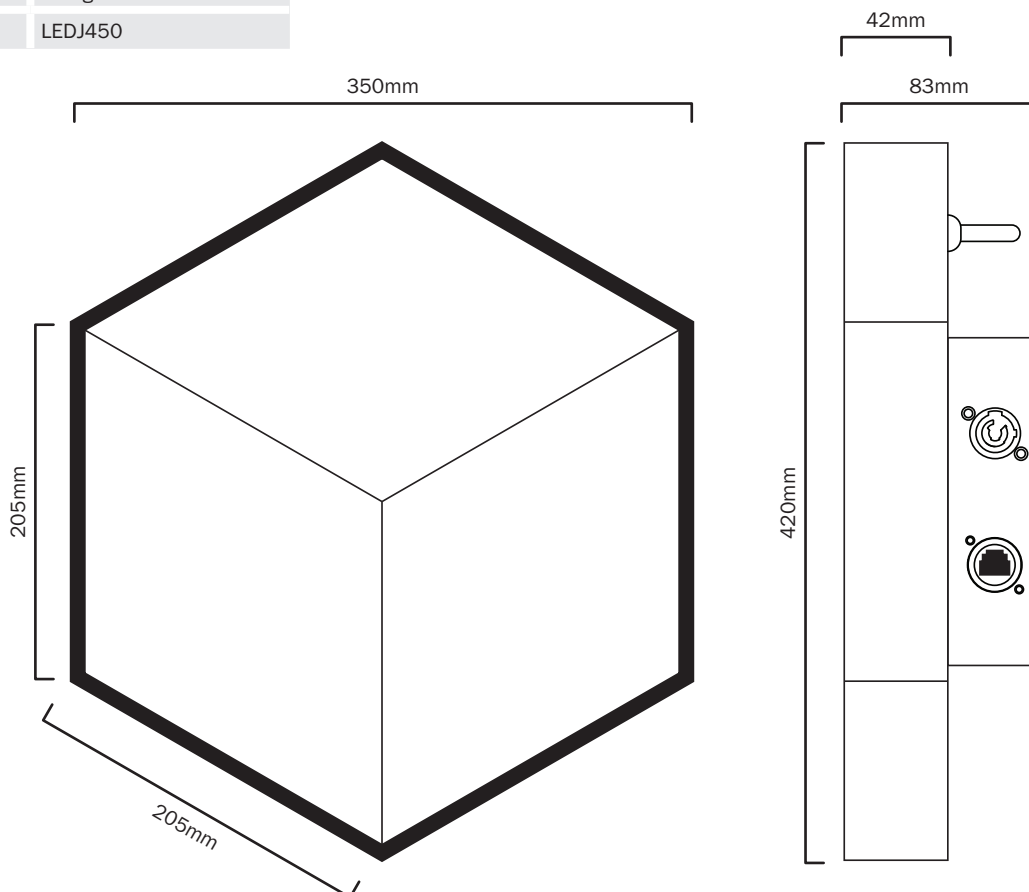
Display 3D

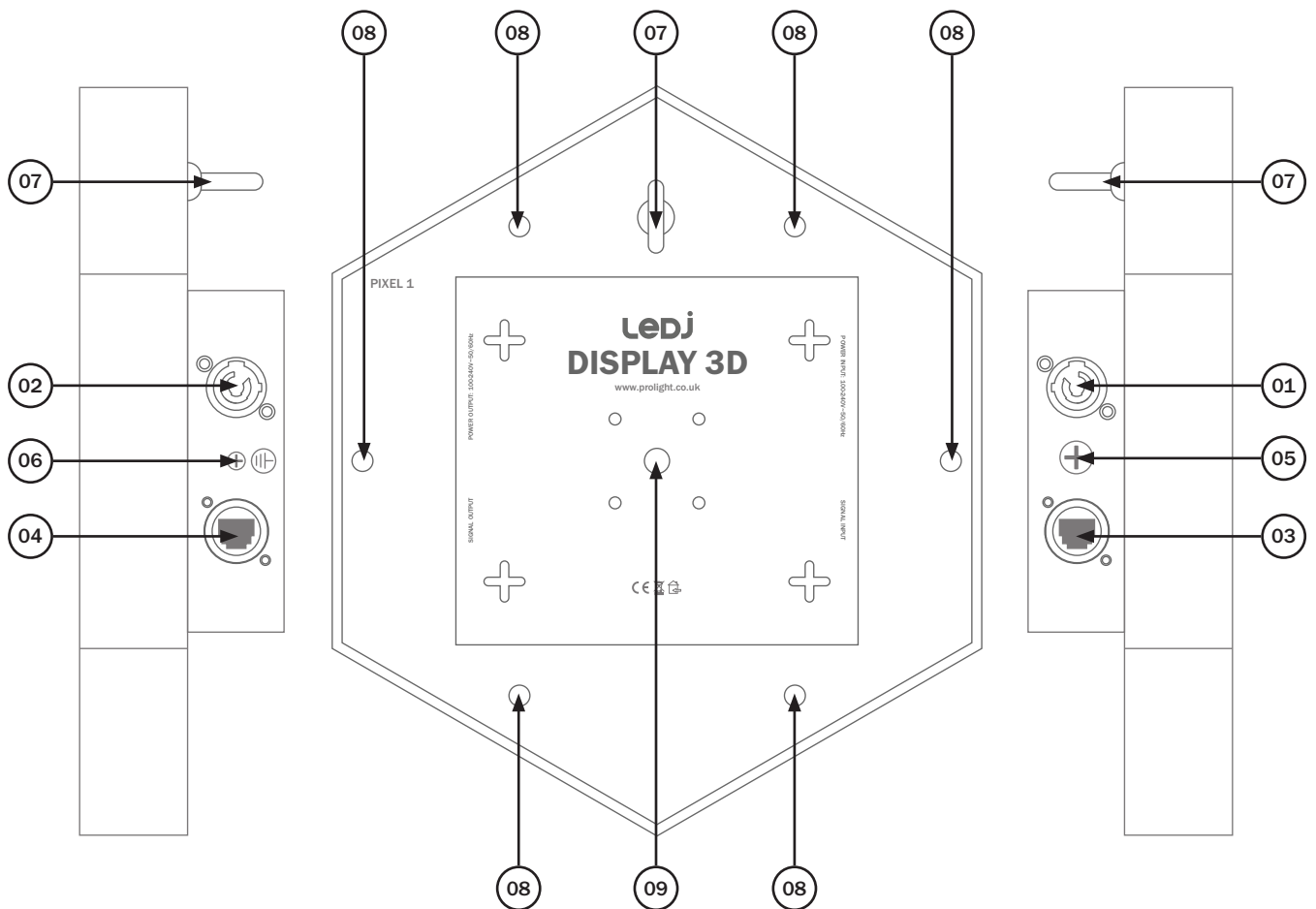
The Display 3D are hexagonal shaped LED panels creating 3D visual effects. Designed for nightclubs, bars, stages and entertainers, these panels are controllable via DMX. Multiple panels can be linked together via the PowerCON input/output and RJ45 signal input/output for data linking. Panels can be locked together with the included, quick lock connector (one per panel) or the fixing bracket (one per panel). Hanging brackets are also available for installation or the M10 thread on the rear of each panel can be used with various clamps.

- 72 tri-colour SMD 5050 LEDs (RGB)
- Viewing angle: 180°
- DMX channels: 9
- DMX mode
- Display 3D Panels will not operate without Display 3D DMX Encoder - (Order code: LEDJ461)
- Quick lock connector and fixing bracket included (one of each per panel)
- M10 thread on rear for truss mounting via a clamp
- PowerCON input/output
- RJ45 signal input/output
- Convection cooled



Specifications	Display 3D
Power consumption	13W
Power supply	100-240V~50/60Hz
Fuse	F1A 250V
Dimensions	420 x 350 x 83mm
Weight	2.8kg
Order code	LEDJ450



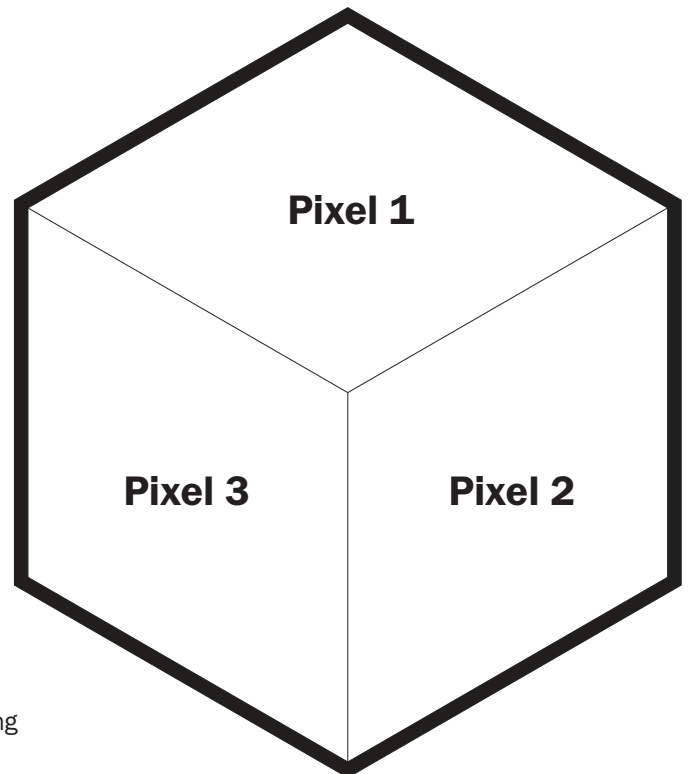


Each set of 4 Display 3D Panels are supplied with:

- 4 x Display 3D Panels,
- 1 x 13A PowerCON cable,
- 3 x 0.5m PowerCON link cables,
- 4 x RJ45 link cables,
- 4 x safety wires,
- 4 x quick lock connectors,
- 4 x fixing brackets with 8 x thumbscrews,
- & 1 x user manual

Subsequent extra Panels will be supplied with:

- 1 x Display 3D Panel,
- 1 x quick lock connector,
- 1 x fixing bracket with 2 x thumbscrews,
- 1 x 0.5m PowerCON link cable,
- 1 x RJ45 link cable,
- & 1 x safety wire



- 01 - PowerCON input
- 02 - PowerCON output
- 03 - RJ45 signal input
- 04 - RJ45 signal output
- 05 - Fuse: F1A 250V

- 06 - Earth point
- 07 - Safety eye
- 08 - Quick lock connector/fixing bracket mounting points
- 09 - M10 rigging point

DMX mode:

Operating in a DMX control mode environment gives the user the greatest flexibility when it comes to customising or creating a show. In this mode you will be able to control each individual trait of the fixture and each fixture independently.

The DMX address can be programmed via the Display 3D DMX Encoder - Order code: LEDJ461 (sold separately).

9 channel mode:

Channel	Value	Function
1	000-255	Pixel 1 Red 0-100%
2	000-255	Pixel 1 Green 0-100%
3	000-255	Pixel 1 Blue 0-100%
4	000-255	Pixel 2 Red 0-100%
5	000-255	Pixel 2 Green 0-100%
6	000-255	Pixel 2 Blue 0-100%
7	000-255	Pixel 3 Red 0-100%
8	000-255	Pixel 3 Green 0-100%
9	000-255	Pixel 3 Blue 0-100%

Installation:

The Display 3D Panel is designed to be mounted via the optional hanging bracket (Order code: LEDJ466) or from the M10 rigging point on the rear of the unit. The units can be fixed together with the quick lock connectors (one provided per panel) or the fixed bracket (one provided per panel).

Please note:

- Additional quick lock connectors and fixed brackets may be required in certain orientations.
- The maximum number of Display 3D panels that can be connected are as follows:
 Power - 16 panels via 1 x 13A PowerCON cable followed by 15 PowerCON link cables
 DMX signal - 32 panels via RJ45 signal cables.
- Provided 0.5m PowerCON link cables will only connect a maximum of 4 pieces in certain orientations. 0.75m/1m PowerCON link cables may be required.

RJ45 cables sold separately and can be purchased from most Prolight Concepts dealers.

Please quote:

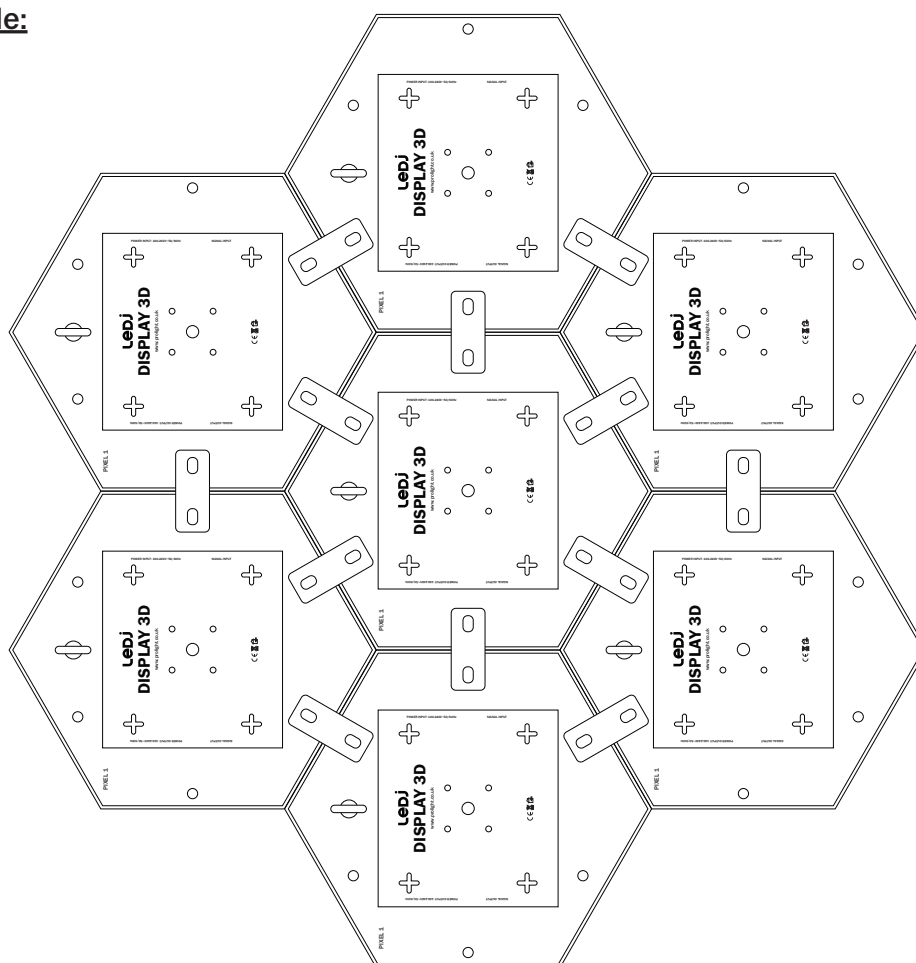
CABL260 – 0.5m CABL261 – 1m CABL262 – 2m CABL263 – 5m CABL264 – 10m

PowerCON link cables sold separately and can be purchased from most Prolight Concepts dealers.

Please quote:

CABL234 – 1m CABL235 – 1.5m CABL236 – 2m CABL238 – 5m CABL239 – 10m

Mounting example:





Correct Disposal of this Product (Waste Electrical & Electronic Equipment)

**(Applicable in the European Union and other European countries
with separate collection systems)**

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.



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