

# LEDJ

## Display Qube User Manual



Order code: LEDJ456

### 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!

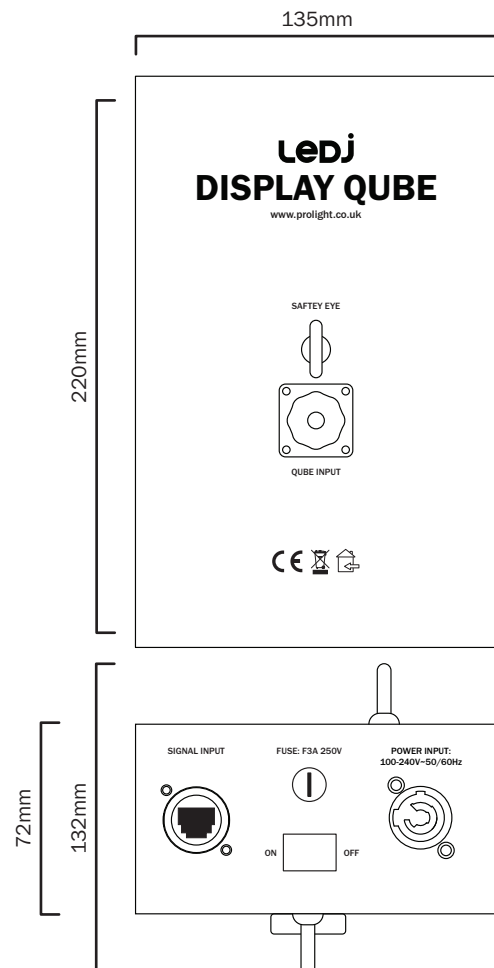
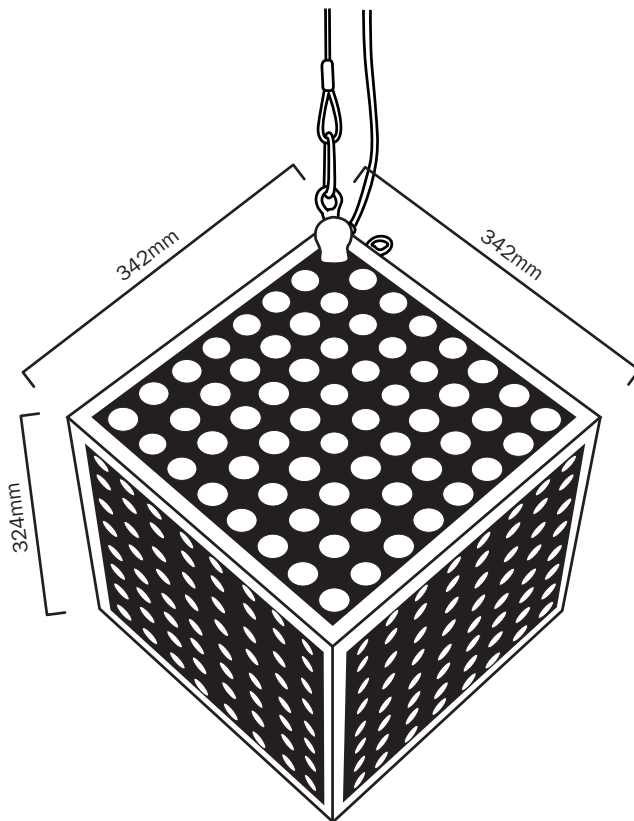
Incorrect installation or use can cause serious damage to people and/or property.

### Display Qube

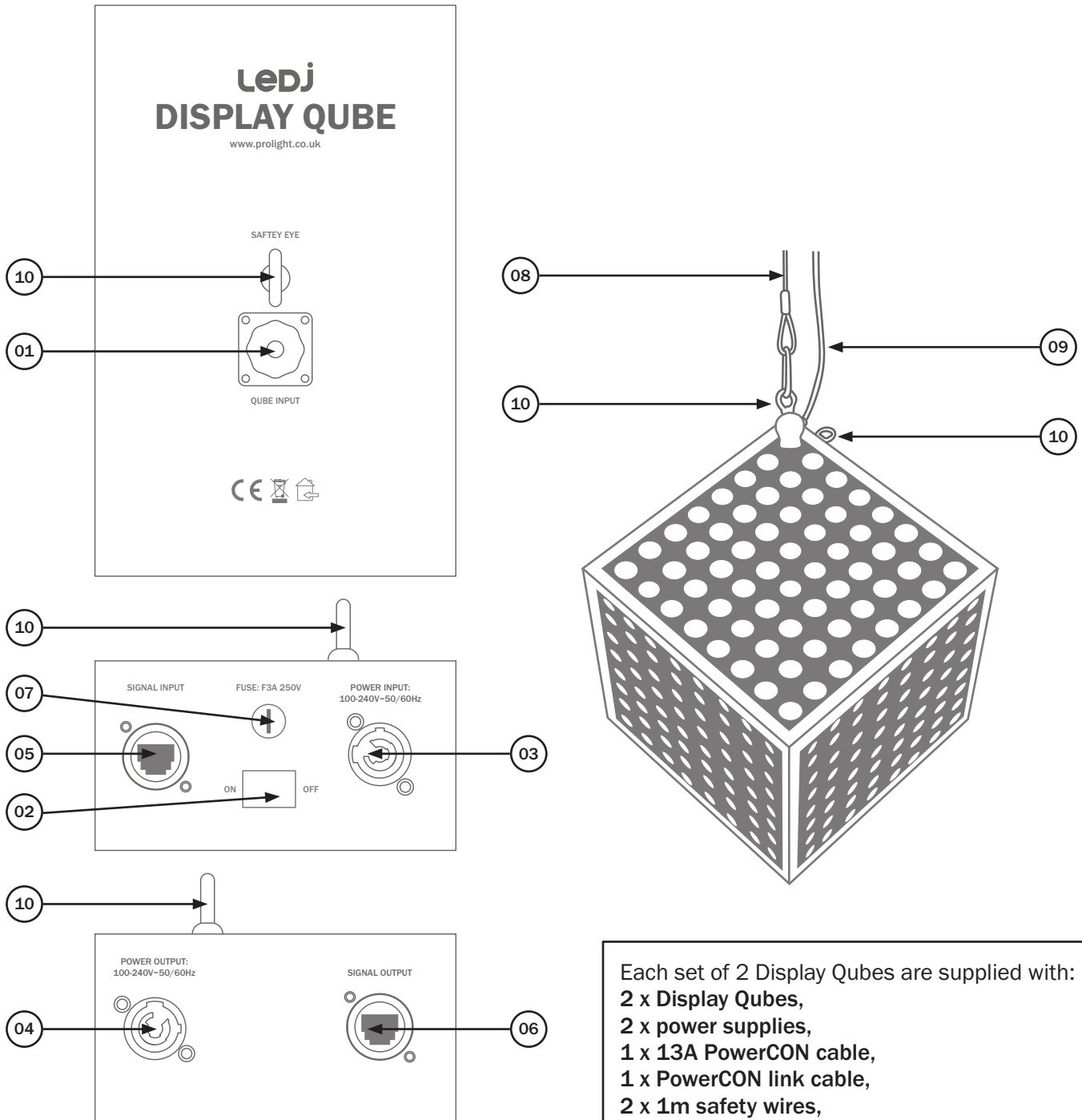
The Display Qubes from LEDJ are easy to hang, multi-pixel visual effects that will bring virtually any venue to life. With LEDs covering all 6 sides of the cube, this fixture creates a stunning display when used in multiples and the effect is not lost even when viewed directly from above. When connected to the SD-1 controller (sold separately) the fixtures can run through dozens of built-in programs, change to the music or be controlled via DMX.

- 381 tri-colour SMD 5050 LEDs (RGB)
- Viewing angle: 720°
- Auto shows, sound active and DMX modes when used with the SD-1 controller
- Display Qube will not operate without SD-1 controller - (Order code: LEDJ462)
- Quick release omega clamp included
- PowerCON input/output
- RJ45 signal input/output
- Convection cooled

Specifications	Display Qube
Power consumption	35W
Power supply	100-240V~50/60Hz
Fuse	F3A 250V
Dimensions	324 x 342 x 342mm (qube) 132 x 220 x 135mm (power supply)
Weight	5.4kg (qube) 2.3kg (power supply)
Order code	LEDJ456



**Attention:** SD-1 Controller (Order code: LEDJ462) and Display Qube **CANNOT** be switched on at the same time, as this will damage the files on the SD card. Always switch the SD controller on first.



- |                          |                               |
|--------------------------|-------------------------------|
| 01 - Qube input          | 06 - RJ45 signal output       |
| 02 - On/off power switch | 07 - Fuse: F3A 250V           |
| 03 - PowerCON input      | 08 - 1m safety wire           |
| 04 - PowerCON output     | 09 - Captive power connection |
| 05 - RJ45 signal input   | 10 - Safety eye               |

Each set of 2 Display Qubes are supplied with:

- 2 x Display Qubes,
- 2 x power supplies,
- 1 x 13A PowerCON cable,
- 1 x PowerCON link cable,
- 2 x 1m safety wires,
- 2 x omega clamps
- & 1 x user manual

Subsequent extra Qubes will be supplied with:

- 1 x Display Qube,
- 1 x power supply,
- 1 x PowerCON link cable,
- 1 x 1m safety wire,
- & 1 x omega clamp

## Installation:

The Display Qube is designed to be hung from the power supply using the included safety wire via the rigging point. Once the Qube is correctly installed, connect the Qube to the power supply via the captive connection. The quick release omega clamp gives you multiple options for truss or ceiling mounting.

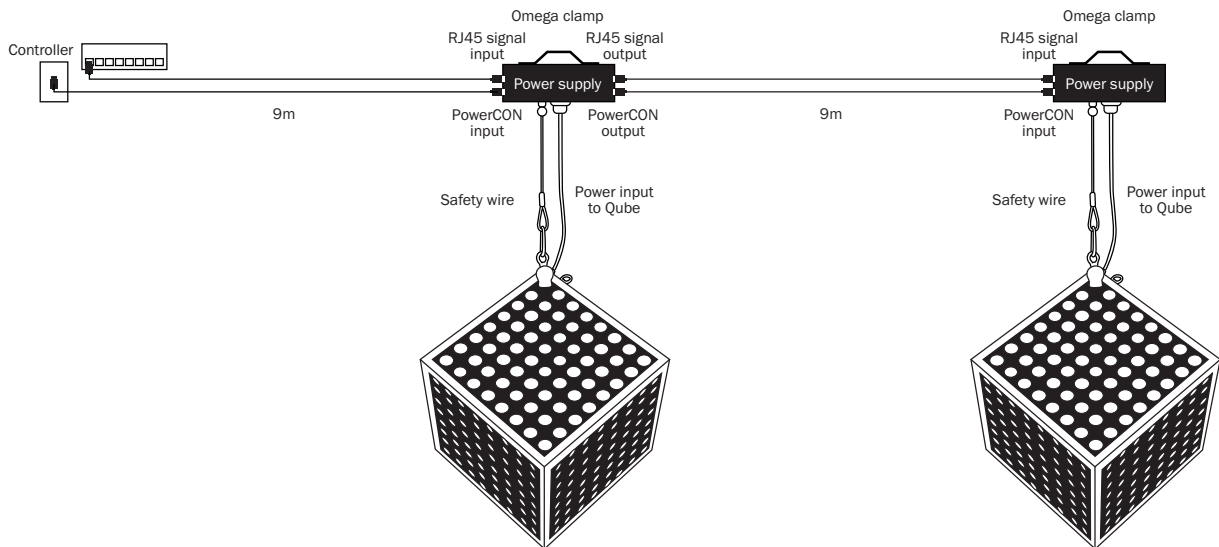
The Qubes SD controller (Order code: LEDJ462) has 8 RJ45 zone connections. Each one of these connections can control a maximum of 2 qubes per zone with a maximum cable length of 18m (in total). Please note: the Qube requires the SD controller (Order code: LEDJ462) to operate. The Qube will not operate stand alone.

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**

Installation example 1 - For instance if using 2 qubes on one zone the maximum cable length between qube power supplies/controller must not exceed 9m.



Installation example 2 - For instance if using 1 qube on one zone the maximum cable length between qube power supply and controller must not exceed 18m.





### ***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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