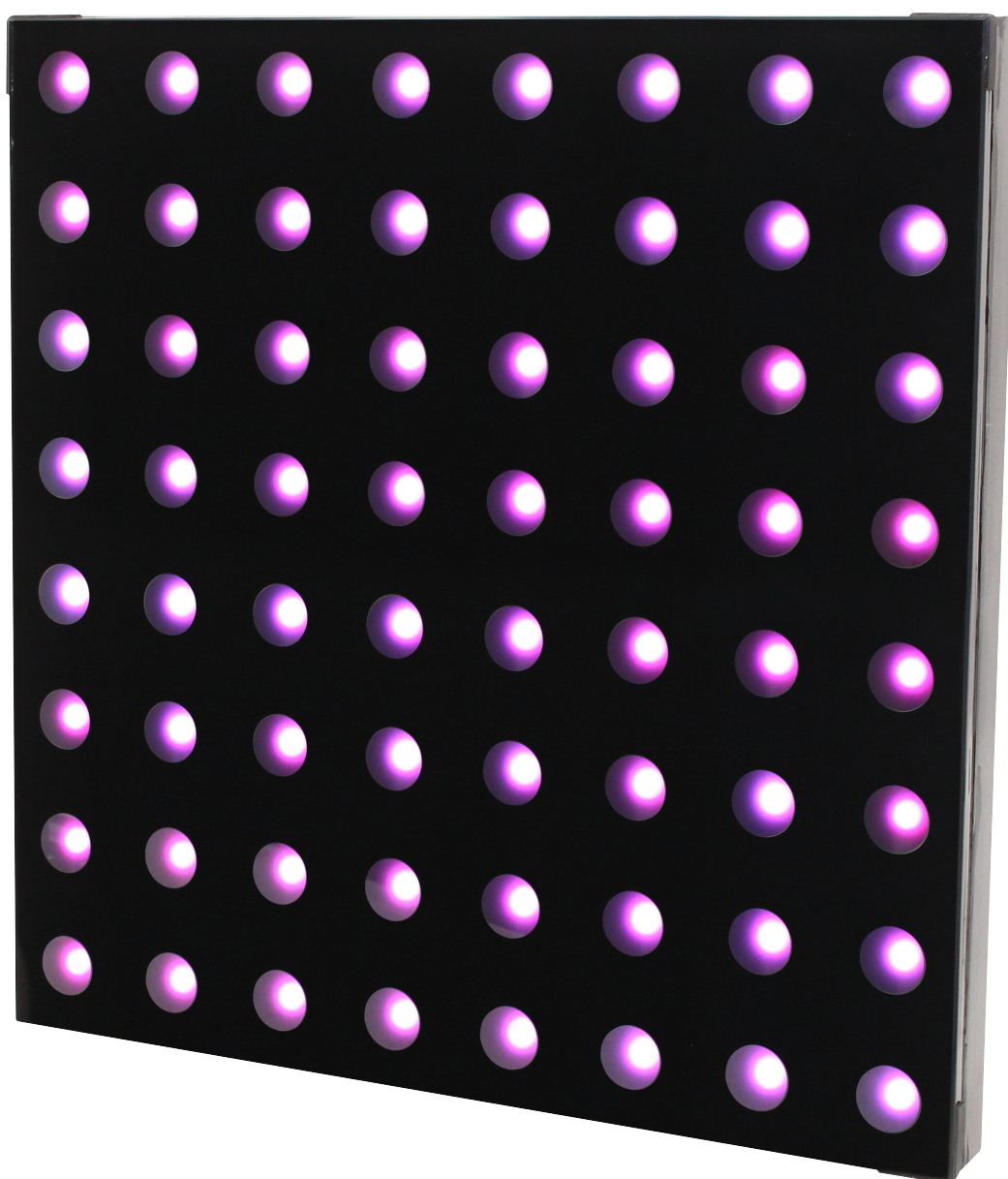


LEDj

Display Floor User Manual



Order code: LEDJ454

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!

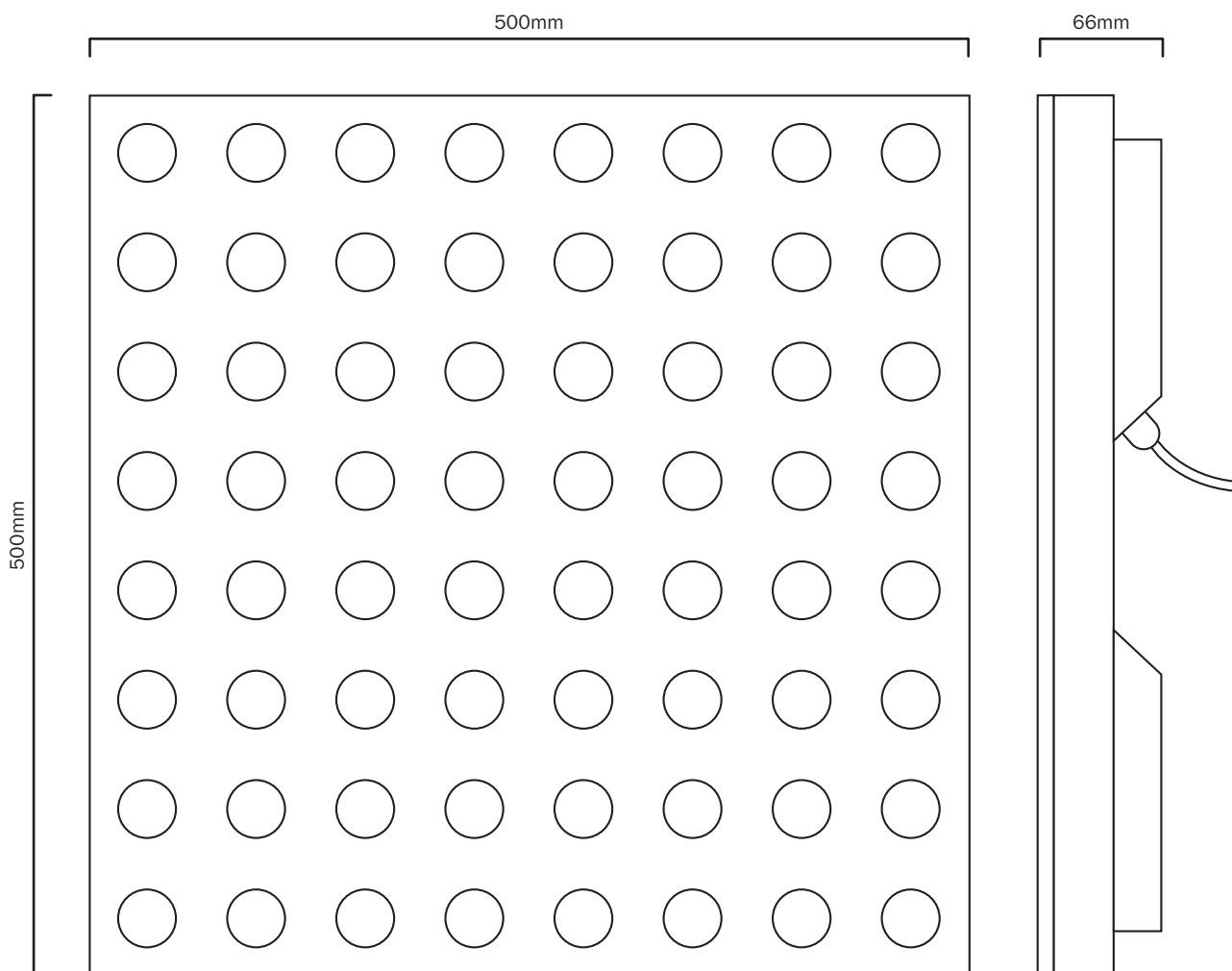
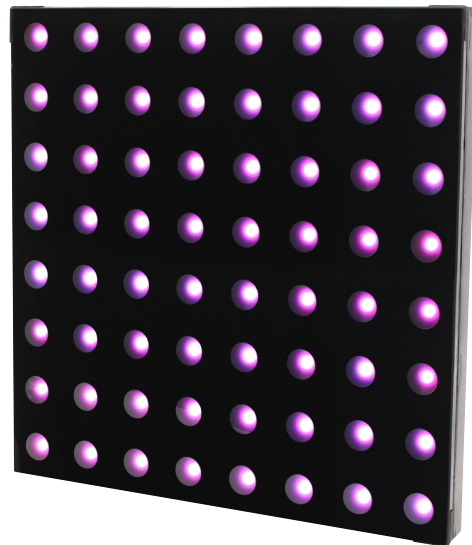
Incorrect installation or use can cause serious damage to people and/or property.

Display Floor

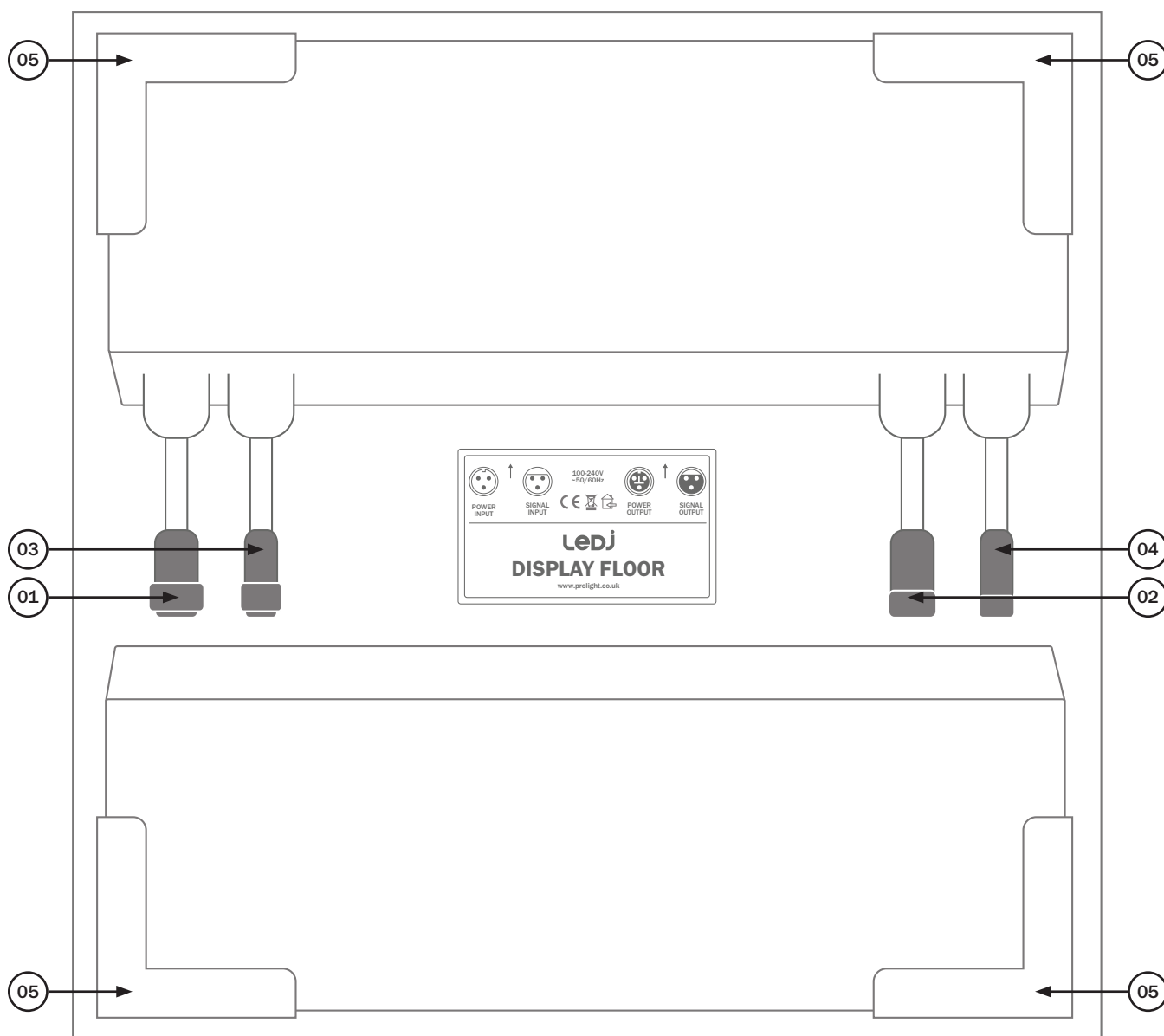
The Display Floor from LEDJ is a multi-pixel visual effect dance floor that will bring virtually any venue to life. With 64 tri-colour LEDs (RGB), this fixture creates a stunning display when used in multiples. When connected to the SD-1 controller (sold separately) the fixtures can run through dozens of built-in programs, change to the music or be controlled via DMX.

- 64 tri-colour SMD 5050 LEDs (RGB)
- Viewing angle: 120°
- Auto shows, sound active and DMX modes when used with the SD-1 controller
- Display Floor will not operate without SD-1 controller - (Order code: LEDJ462)
- IP rated power input/output trailing sockets
- IP rated 3-Pin DMX input/output trailing sockets
- Convection cooled

Specifications	Display Floor
Power consumption	13W
Power supply	100-240V~50/60Hz
Dimensions	66 x 500 x 500mm
Weight	8.8kg
Order code	LEDJ454



Attention: SD-1 Controller (Order code: LEDJ462) and Display Floor **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 - IP rated power input
- 02 - IP rated power output
- 03 - IP rated 3-Pin signal input
- 04 - IP rated 3-Pin signal output
- 05 - Feet alignment plates

IMPORTANT: Care should be taken at all times to ensure the Display Floor is free of any moisture or spillages of any kind including liquid or powder substances. The Prolight Concepts Group accepts no responsibility for trips, slips, falls or otherwise as a result of incorrect installation, sub-standard maintenance or lack of cleaning the Display Floor including failure to clean up or remove any substances that may cause a lack of friction on the surface of the Display Floor.

It is highly recommended that suitable footwear must be worn when walking or dancing on the Display Floor. Certain types of footwear may not offer adequate friction and grip. Risk assessments should be carried out when commissioning the Display Floor in any venue or installation.

Installation:

The Display Floor is designed to be installed on dry, stable surfaces. All installations must feature complete edge trim systems to reduce the risk of any trip hazards. The units can be used together with the foot plates for alignment.

The Floors SD controller (Order code: LEDJ462) has 8 RJ45 zone connections. Each one of these connections can control a maximum of 10 panels per zone. For configurations where extra zones are required an extra controller/slave controller will be needed dependant on the application.

Please note: the Floor requires the SD controller (Order code: LEDJ462) to operate.

The Floor will not operate stand alone.

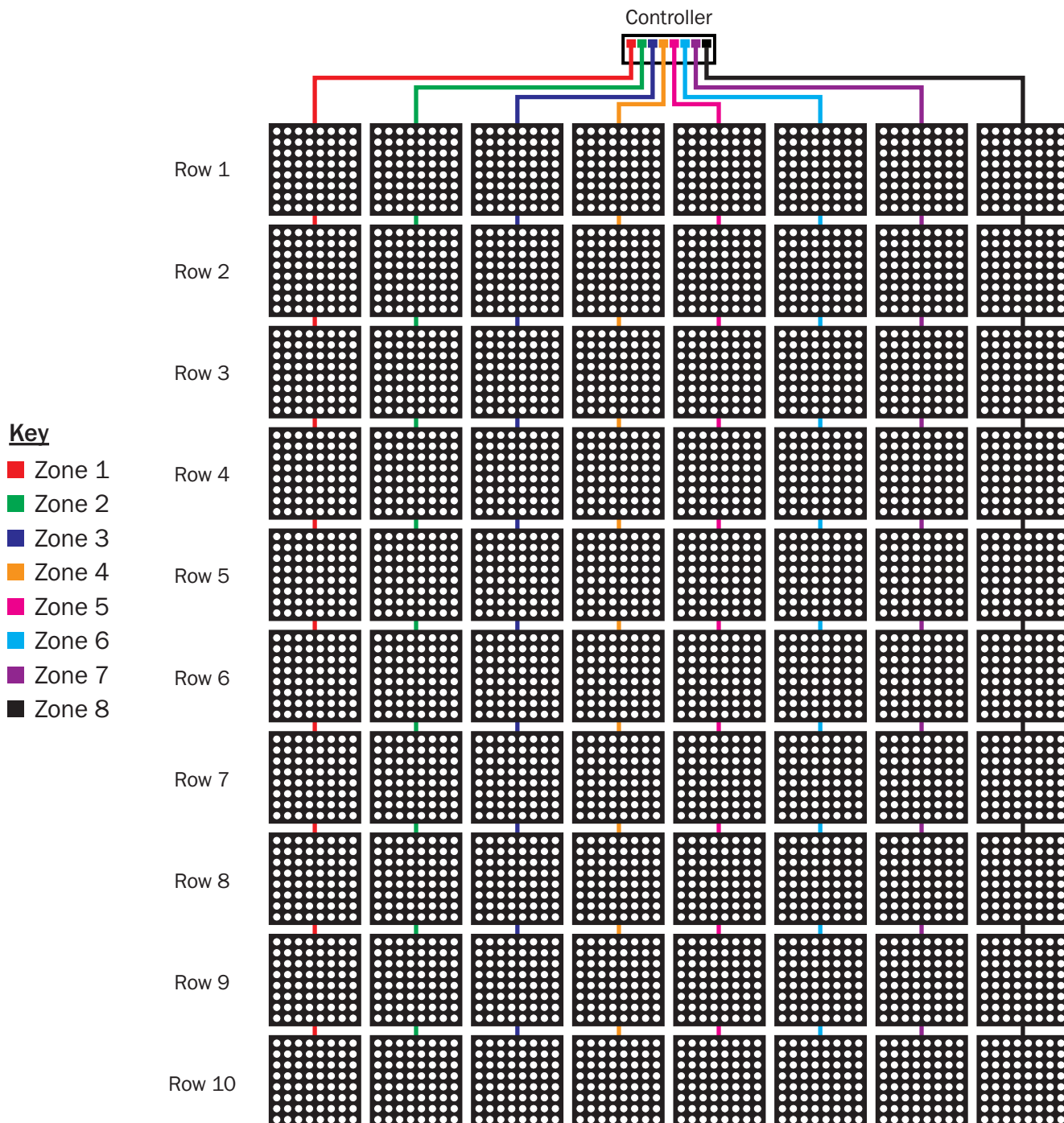
Dancefloor Size (excluding edge trim)	Display Floor Panels	0.5m Edge Trim	1m Edge Trim	Corners (1 x Left, 1 x Right)	IP Rated Power Cable	IP rated signal - RJ45 cable	Half Foot Plate	Foot Plate
1 x 1m	4	0	0	4	2	2	4	1
1.5 x 1.5m	9	4	0	4	3	3	8	4
2 x 2m	16	0	4	4	4	4	12	9
2.5 x 2.5m	25	4	4	4	5	5	16	16
3 x 3m	36	0	8	4	6	6	20	25
3.5 x 3.5m	49	4	8	4	7	7	24	36
4 x 4m	64	0	12	4	8	8	28	49
4.5 x 4.5m	81	4	12	4	9	9	32	64
5 x 5m	100	0	16	4	10	10	36	81

Connection diagram:

Row

The Display Floor is designed to be wired top to bottom (per zone), with zone 1 being the left column of floor panels and the last zone to be used, being the right column of floor panels.

Please see the Wiring Diagram below.



When multiple floor panels are used together to create one large grid (as above), an SD card to suit the configuration will be needed. Please contact Prolight for more information.



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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