LEDJ

Event Spot Bar WW
User Manual

Order codes:
LEDJ235 - Black Housing
LEDJ235A - White Housing

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.

⚠	**CAUTION!** **KEEP THIS EQUIPMENT AWAY FROM RAIN, MOISTURE AND LIQUIDS**
⚡	**CAUTION!** TAKE CARE USING THIS EQUIPMENT! **HIGH VOLTAGE-RISK OF ELECTRIC SHOCK!!**

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!

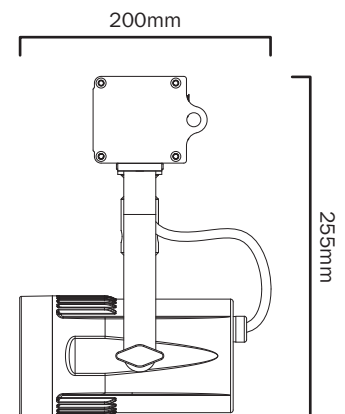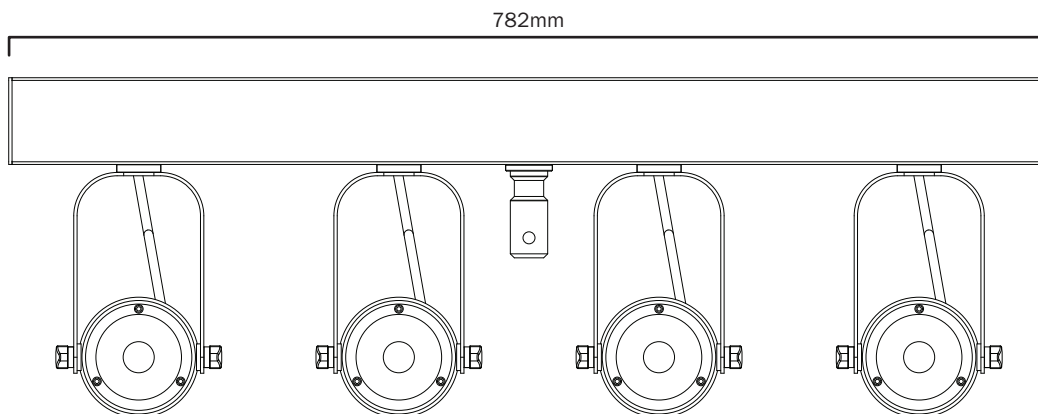Incorrect installation or use can cause serious damage to people and/or property.
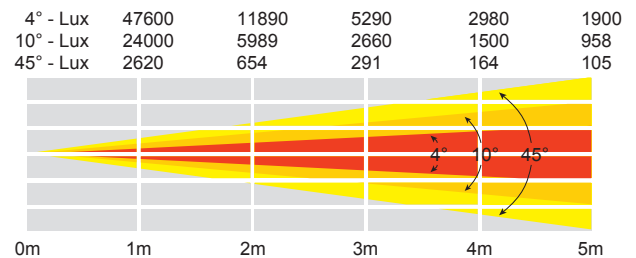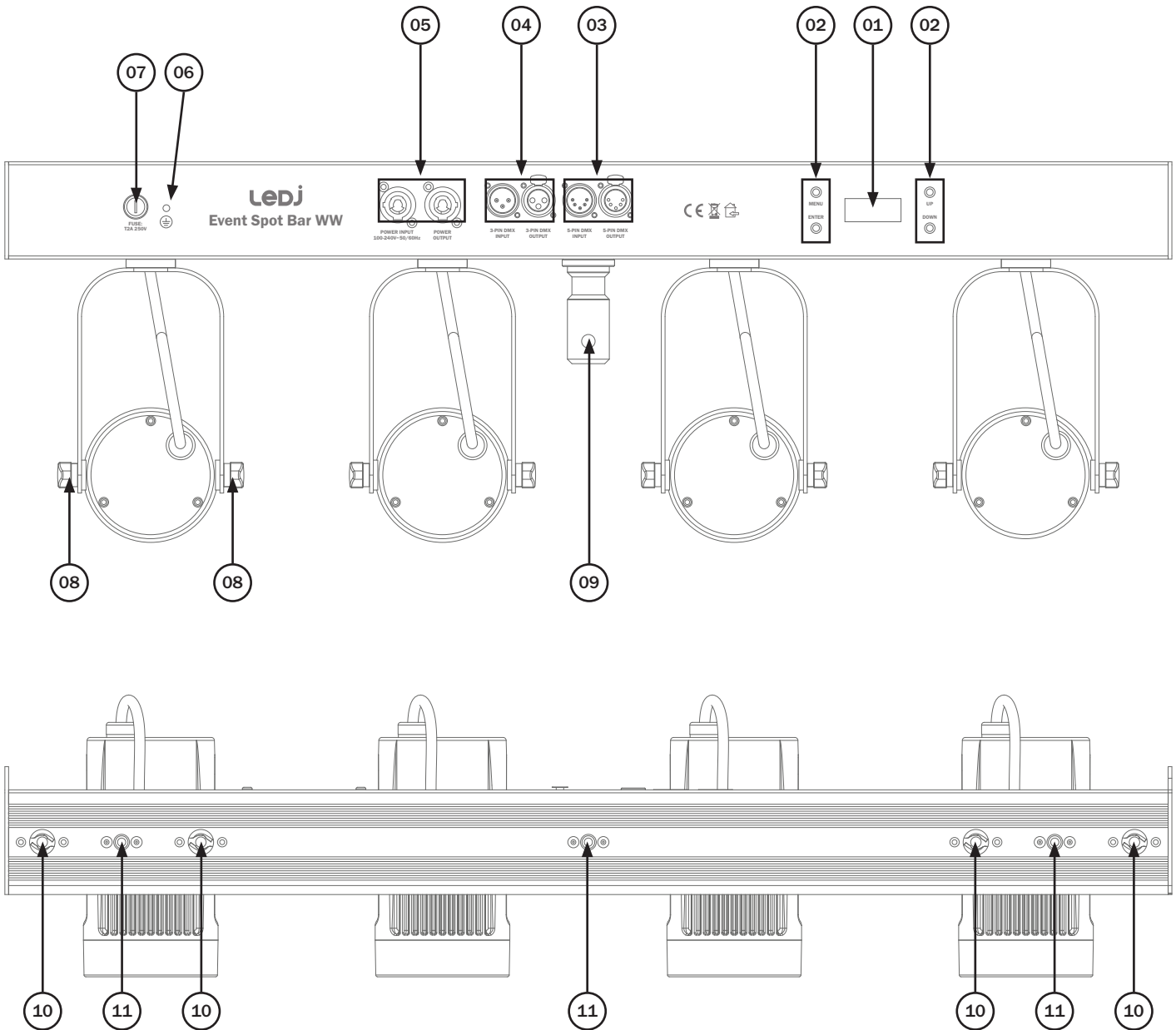
Event Spot Bar WW

The Event Spot Bar features 4 individually controllable pinspots and is ideal for night club, bar or marquee use. Setup is easy as the bar comes with a host of built-in features and control options including DMX, master/slave and stand alone. Each pinspot on the bar is fully adjustable ensuring you can always hit the spot. Supplied with omega clamps the bar is installed quickly and M10 threaded holes further add to the versatility of this unit. Also supplied is a 28mm spigot for stand use. The all steel and aluminium construction guarantees years of use out on the road.

- 4 x 15W warm white LEDs (3000K)
- Beam angle: 4° native, 10° & 45° frost lenses supplied
- 3.6kHz refresh rate
- DMX channels: 1/3 or 4 selectable
- Manual and master/slave modes
- 0-100% dimming and variable strobe
- Supplied with 28mm spigot and quick release omega clamps
- 4 push button menu with LCD display
- PowerCON input/output
- 3-Pin XLR input/output
- 5-Pin XLR input/output
- Convection cooled

Specifications	Event Spot Bar WW
Power consumption	70W
Power supply	100~240V, 50/60Hz
Fuse	T2A 250V
Dimensions	255 x 782 x 200mm
Weight	6.1kg
Order code	LEDJ235 - Black Housing LEDJ235A - White Housing

	0m	1m	2m	3m	4m	5m
4° - Lux		47600	11890	5290	2980	1900
10° - Lux		24000	5989	2660	1500	958
45° - Lux		2620	654	291	164	105

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Event Spot Bar WW

01 - LCD display
02 - Function buttons
03 - 3-Pin DMX input/output
04 - 5-Pin DMX input/output
05 - PowerCON input/output
06 - Earth point
07 - Fuse T2A 250V
08 - Hanging bracket adjustable knob
09 - 28mm spigot
10 - Omega clamp mounts
11 - M10 clamp mounts

In the box: **1 x fixture,
4 x 10° frost lens,
4 x 45° frost lens,
2 x omega clamps,
1 x PowerCON cable
& 1 x user manual**

Main Menu	Sub Menu	Options/Values		Description
DMX MODE ADDR: 001		001-512		DMX Address Setting
CHANNEL		CH1 (1 channel mode)		DMX Channel Setting
		CH3 (3 channel mode)		
		CH4 (4 channel mode)		
SLAVE MODE				Slave Mode Setting
01.FLOW		Speed:	01-99 (Change speed - slow-fast)	Warm White Chase
		Flash:	00-99 (Strobe speed - slow-fast)	
SOUND SENS:		00-31 (Sound sensitivity - low-high)		Sound Sensitivity
DIMCURVE LED		LED		Dimmer Curve Setting
		HALOGEN		
Manual LED1:255		LED1:	000-255	Head 1 Manual Control
		LED2:	000-255	Head 2 Manual Control
		LED3:	000-255	Head 3 Manual Control
		LED4:	000-255	Head 4 Manual Control
Soft Ver 1U:V101F		1U:V101B		Software Version
		2U:V101B		
Temp L1:	L1:	−−−°C		Head Temperature
	L2:	−−−°C		
	L3:	−−−°C		
	L4:	−−−°C		
Backligh ON		ON		Backlight Setting
		OFF		

1 channel mode:

Channel	Value	Function
1	000-255	Dimmer (0-100%)

3 channel mode:

Channel	Value	Function
1	000-255	Dimmer (0-100%)
2	000	No function
	001-255	Strobe (slow-fast)
3	000	No function
	001-255	Flow (slow-fast)

4 channel mode:

Channel	Value	Function
1	000-255	Head 1 dimmer (0-100%)
2	000-255	Head 2 dimmer (0-100%)
3	000-255	Head 3 dimmer (0-100%)
4	000-255	Head 4 dimmer (0-100%)

Setting the DMX address:

The DMX mode enables the use of a universal DMX controller. Each fixture requires a "start address" from 1- 511. A fixture requiring one or more channels for control begins to read the data on the channel indicated by the start address. For example, a fixture that occupies or uses 7 channels of DMX and was addressed to start on DMX channel 100, would read data from channels: 100,101,102,103,104,105 and 106. Choose a start address so that the channels used do not overlap. E.g. the next unit in the chain starts at 107.

DMX 512:

DMX (Digital Multiplex) is a universal protocol used as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions form the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA "IN" and DATA "OUT" XLR terminals located on all DMX fixtures (most controllers only have a data "out" terminal).

DMX linking:

DMX is a language allowing all makes and models of different manufactures to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned to a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

DATA cable (DMX cable) requirements (for DMX operation):

This fixture can be controlled via DMX-512 protocol. The DMX address is set on the back of the unit. Your unit and your DMX controller require a standard 3-pin XLR connector for data input/output, see image below.

Further DMX cables can be purchased from all good sound and lighting suppliers or Pro Light Concepts dealers.
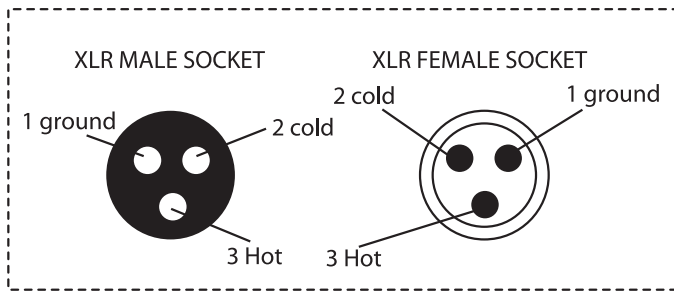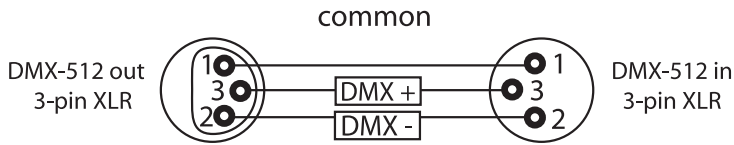
Please quote:

CABL10 – 2m
CABL11 – 5m
CABL12 – 10m

Note: DMX cable must be daisy chained and cannot be split.

Notice:

Be sure to follow the diagrams below when making your own cables. Do not connect the cables shield conductor to the ground lug or allow the shield conductor to come in contact with the XLRs outer casing. Grounding the shield could cause a short circuit and erratic behaviour.

common

DMX-512 out
3-pin XLR

DMX +
DMX -

DMX-512 in
3-pin XLR

XLR MALE SOCKET

1 ground

2 cold

3 Hot

XLR FEMALE SOCKET

2 cold

1 ground

3 Hot

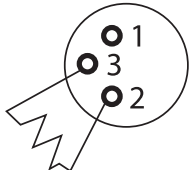| XLR Pin Configuration |
| --- |
| Pin 1 = Ground |
| Pin 2 = Negative |
| Pin 3 = Postive |

Special note:

Line termination:

When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behaviour.

Using a cable terminator will decrease the possibilities of erratic behaviour.
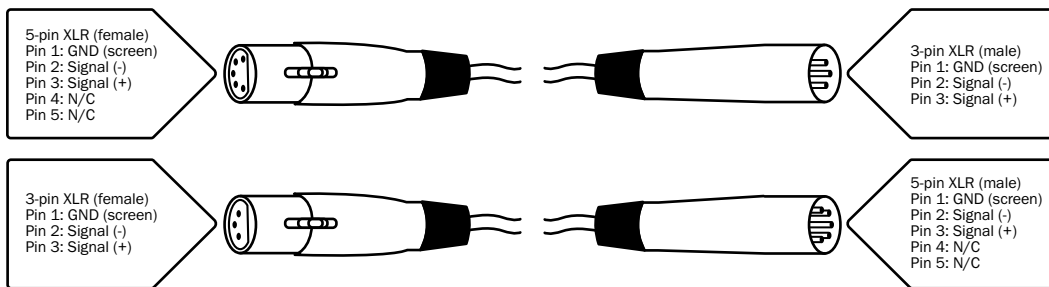**(3-pin - Order ref: CABL90, 5-pin - Order ref: CABL89)**

Termination reduces signal transmission problems and interference. It is always advisable to connect a DMX terminal, (resistance 120 Ohm 1/4 W) between pin 2 (DMX-) and pin 3 (DMX+) of the last fixture.

5-pin XLR DMX connectors:

Some manufactures use 5-pin XLR connectors for data transmission in place of 3-pin. 5-pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors in to a 3-pin line a cable adaptor must be used. The diagram below details the correct cable conversion.

5-pin XLR (female)
Pin 1: GND (screen)
Pin 2: Signal (-)
Pin 3: Signal (+)
Pin 4: N/C
Pin 5: N/C

3-pin XLR (male)
Pin 1: GND (screen)
Pin 2: Signal (-)
Pin 3: Signal (+)

3-pin XLR (female)
Pin 1: GND (screen)
Pin 2: Signal (-)
Pin 3: Signal (+)

5-pin XLR (male)
Pin 1: GND (screen)
Pin 2: Signal (-)
Pin 3: Signal (+)
Pin 4: N/C
Pin 5: N/C

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.