

elumen8

Classique 40 User Manual



Order codes: ELUM470

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 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.
- Never touch the fixture during operation as it may be hot.
- 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 your product fails to function correctly, stop use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Prolight 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.
- WARRANTY: Two years 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.

Please note: These fixtures are intended for stage lighting and entertainment applications only, and are not intended for extended periods of use, including but not limited to house-light, industrial or architectural applications and should only be operated with short duty cycles.

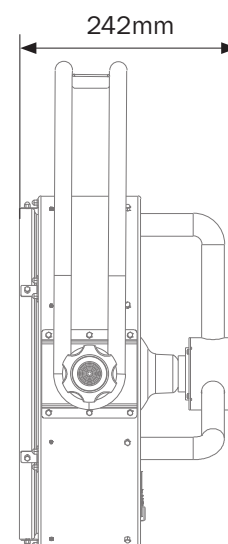
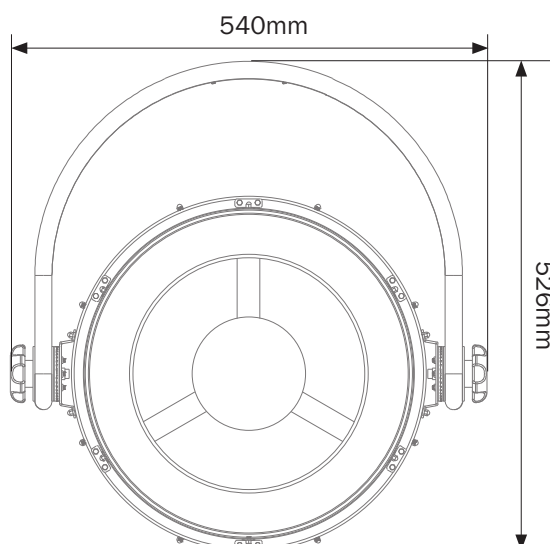
Classique 40

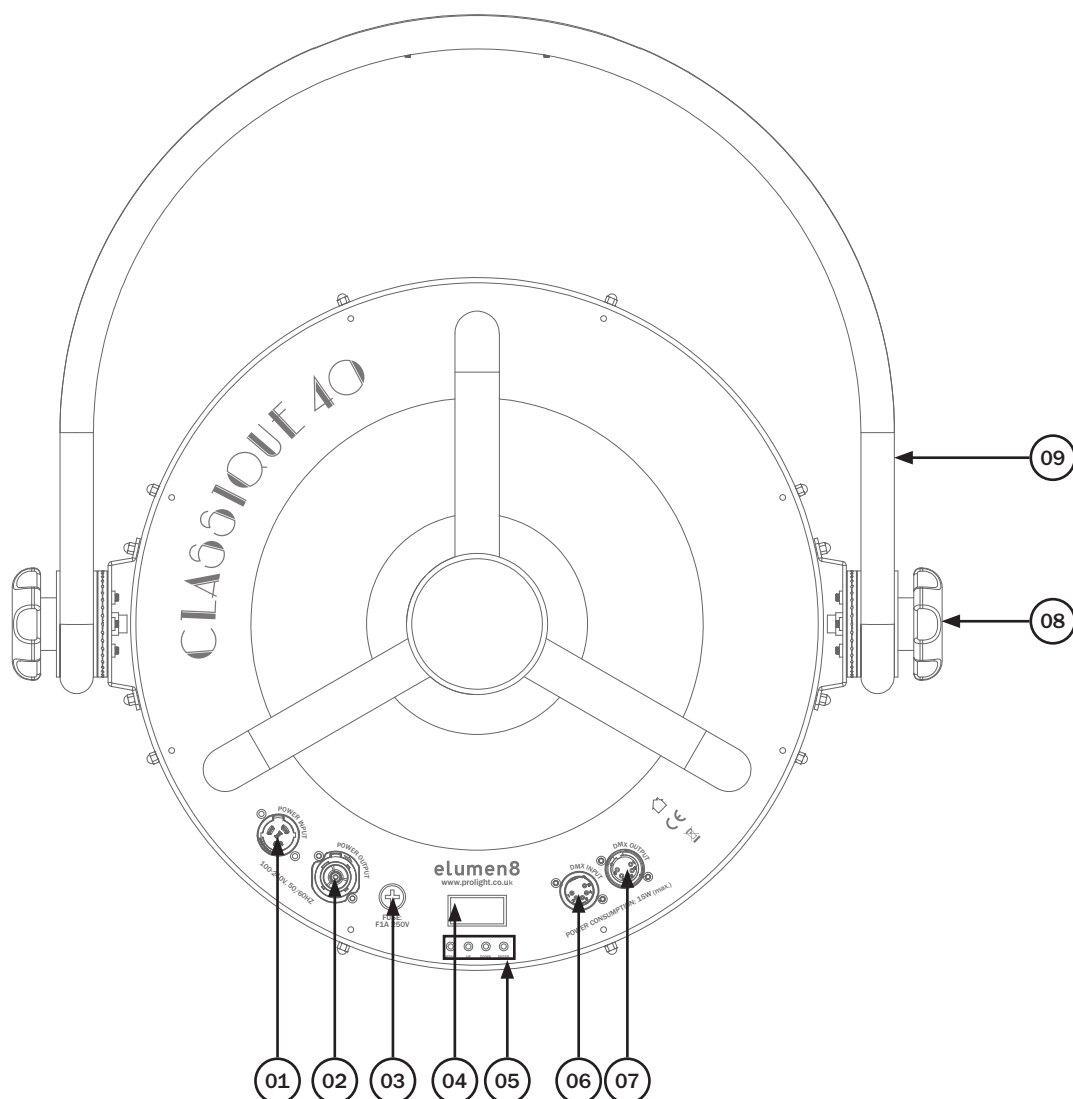
The Elumen8 Classique 40 combines retro styling with a sleek modern design, making it the perfect decorative lighting fixture for stage productions, studios, TV sets, and creative installations. Featuring an Edison screw socket and supplied with a 4W spiral filament dimmable lamp, it produces a warm glow with elegant vintage appeal.

Designed for both flexibility and convenience, the Classique 40 supports DMX and manual control modes, whilst a dedicated 'Hot Power' mode enables constant 100% output while preventing accidental changes to settings during operation. Equipped with PowerTwist TR1 power connections and 5-pin DMX connectivity, it ensures reliable performance in demanding environments. For fast and secure installation, an omega clamp is included for quick rigging.

- 2 year warranty
- Edison Screw (ES/ES27) lamp holder
- Supplied with 4W Dimmable Spiral Filament Lamp (1800K)
- DMX channels: 1 or 2 selectable
- 0-100% dimming
- 4 dimming curves: Linear, square law, inverse square law and S-curve
- 2 dimming speeds: LED and halogen
- Supplied with quick release omega clamp
- 4 button menu with OLED display
- Power Twist TR1 input/output
- 5-Pin XLR input/output
- Convection cooled
- Manual mode

Specifications	Classique 40
Power consumption	15W (max.)
Power supply	100~240V, 50/60Hz
Fuse	F1A 250V
Dimensions	540 x 526 x 242mm
Weight	5.1kg
Order code	ELUM470





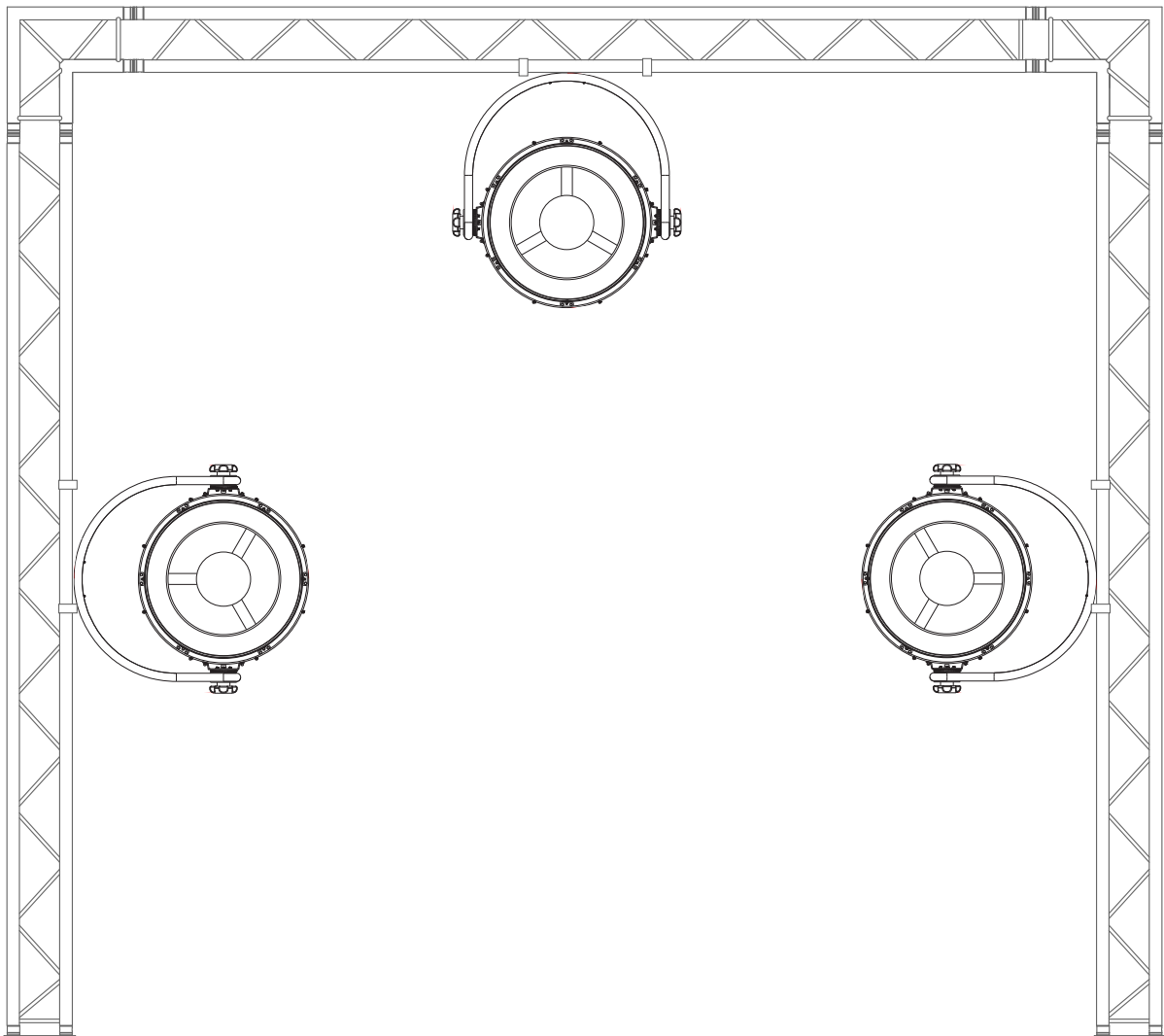
- 01 - PowerTwist TR1 input
- 02 - PowerTwist TR1 output
- 03 - Fuse F1A 250V
- 04 - OLED display
- 05 - Function buttons

- 06 - 5-Pin DMX input
- 07 - 5-Pin DMX output
- 08 - Hanging bracket adjustable knob
- 09 - Hanging bracket

In the box:
1 x fixture
1 x 4W dimmable lamp
& 1 x power cable

Before installing the fixture, the supporting structure (ie. truss) must be able to hold a minimum of 10 times the fixtures weight without any deformation (eg. 15kg - 150kg point load). The fixture must be secured with a secondary safety attachment when being installed (ie. an appropriate safety cable). Never stand directly below the fixture when mounting, removing, and/or servicing.

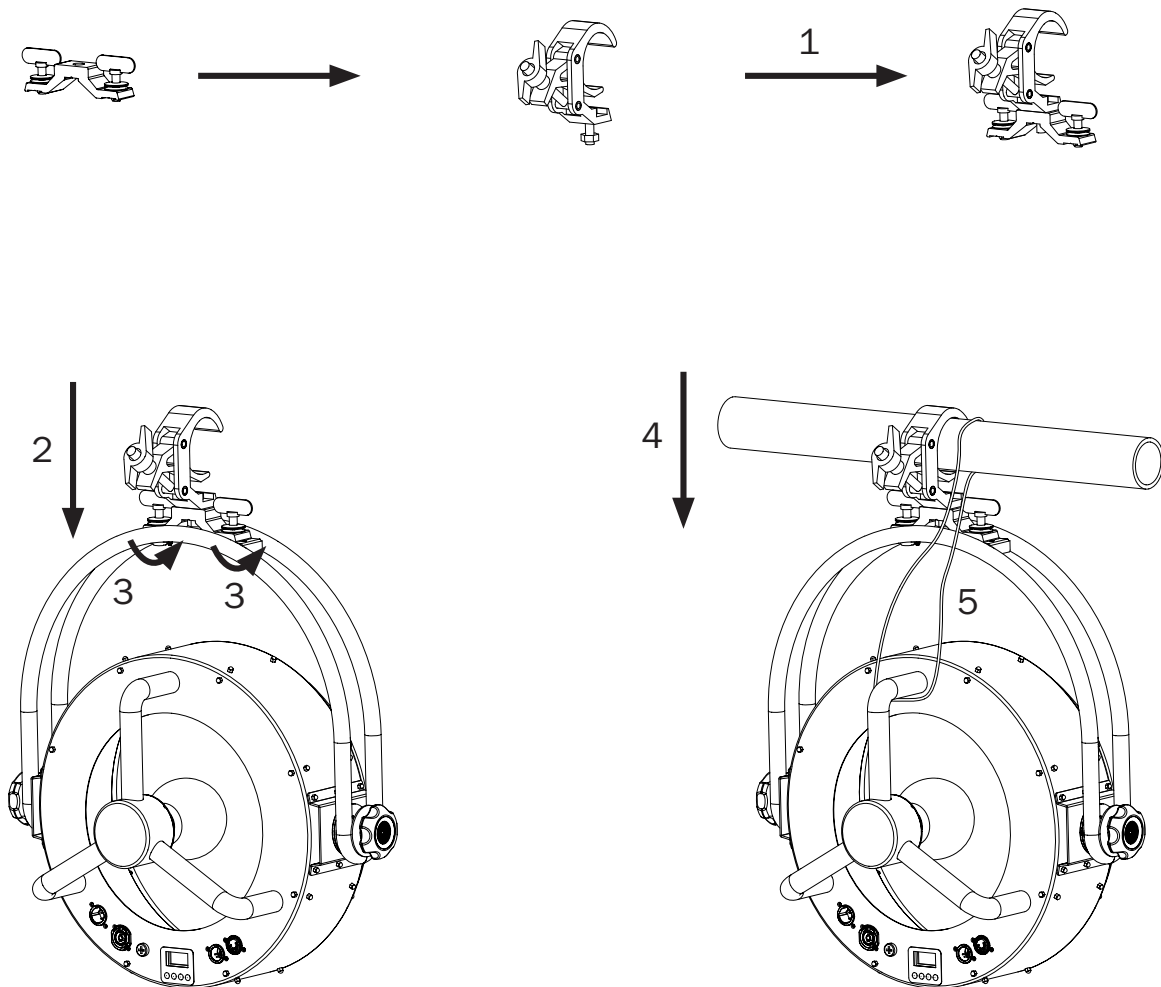
Overhead installation requires experience and qualifications to calculate working load limits, the material being used at the installation area and periodic safety inspections of the fixture and installation material. If you do not have the relevant experience and/or qualifications please do not attempt the installation yourself. The installation should be checked annually by a qualified person.



The Classique 40 can be operated in a number of mounting positions as shown in the diagram above, hanging upside-down from the ceiling or truss or mounting sideways on truss. Always use a safety wire as an extra safety precaution to prevent damage/injury in the event a clamp fails (see the next page for clamp installation). Never use the carry handles for secondary attachments.

Installation:

1. Fasten clamp to the omega clamp with a bolt and lock nut through the hole in the omega clamp.
2. Align and insert the omega clamp quick-lock fasteners with the respective holes on the bottom of the unit.
3. Tighten both locking fasteners clockwise on the omega clamp ensuring it's fully secure.
4. Mount the fixture onto your truss system via the clamp and tighten to ensure secure.
5. Pull the safety cable through the arm located on the back of the unit and around the truss.



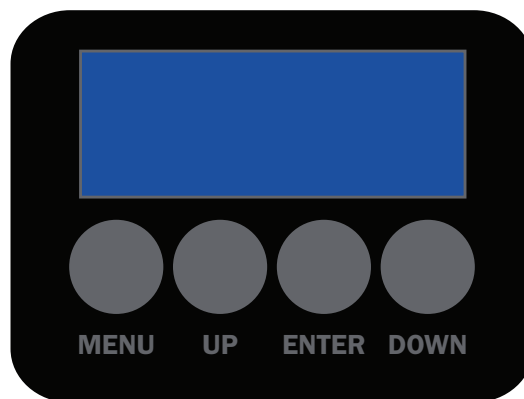
Control Panel Menu:

The OLED control panel situated on the back of the fixture allows the user to access the menu system to adjust the fixtures settings.

When the unit has been powered on the display will show “**Classique 40**”.

Pressing the “**MENU**” button once will take the user to the fixtures main menu. Using the “**UP**” and “**DOWN**” buttons you can then navigate between the different options in the main menu. Pressing the “**ENTER**” button on one of these options allows you to access the sub menu where you can select option/value required. Once the option/value has been selected press the “**ENTER**” button once more to confirm the setting.

To exit out of any of the above options, press and hold the “**MENU**” button.



Main Menu	Sub Menu	Options/Values (Default Settings in BOLD)	Description
DMX Functions	DMX Address	001 -512	DMX Address Setting
	Mode	1CH	Channel Mode Setting
		2CH	
	DMX Fail	Blackout Last	DMX Fail Setting
Fixture Setting	Dimmer Curve	Linear	Dimming Curve Setting
		Square Law	
		Inv SQ Law	
		S Curve	
	Dimmer Speed	LED Halogen	Dimming Curve Speed
Display	Display Backlight Auto Off	On	Display setting
		Off	
	Display Inverse	No	
		Yes	
	Display Contrast	1-10	
Manual Dimming Mode	Dimmer	000 -255	Manual Mode
	Fixture Use Time	xx	
	Firmware Version	CPU-A V x.x B x.x	
Special Functions	Factory Reset	*Press Up and Down button together to Reset *	Factory Settings

1 channel mode:

Channel	Value	Function
CH1	000-255	Master Dimmer (0-100%)

2 channel mode:

Channel	Value	Function
CH1	000-255	Master Dimmer (0-100%)
CH2	000-020	Linear
	021-040	Square Law
	041-060	Inverse Square Law
	061-080	S-Curve
	081-255	Default dimming curve (set via menu)

Setting the DMX address:

The DMX mode enables the use of a universal DMX controller. Each fixture requires a “start address” from 1- 512. 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 from 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 manufacturers 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 requires a standard 5-pin XLR connector for data input/output, see images below. Using audio XLR cables for DMX lighting is discouraged because it causes signal degradation, leading to flickering, erratic, or non-responsive lights. Audio cables have different impedance (<75 Ω) and higher capacitance, which cannot accurately transmit high-speed digital DMX data (110-120 Ω). While it may work for short, simple setups, it is unreliable for professional, long-distance, or complex lighting rigs. Ensure you use DMX XLR cables.



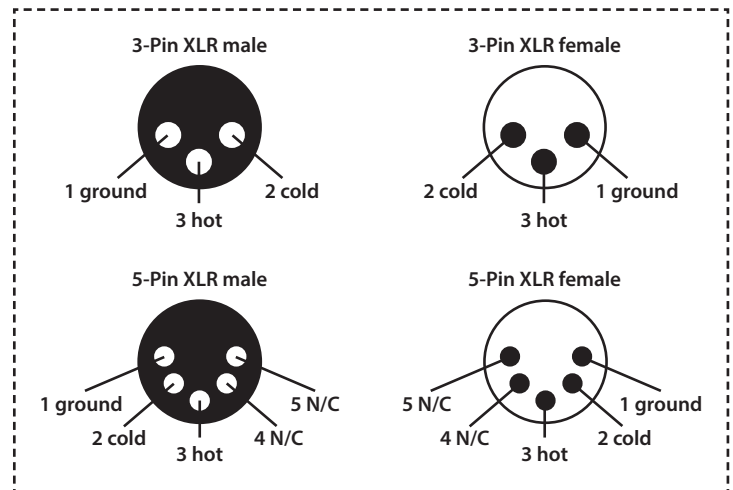
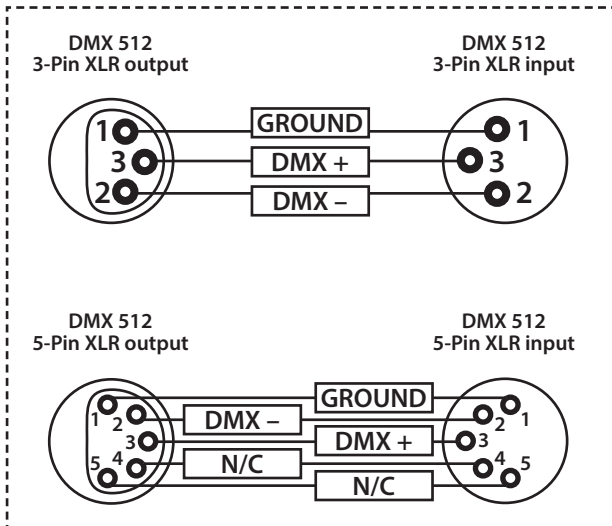
Further DMX cables can be purchased from all good sound and lighting suppliers or Prolight Concepts dealers.
Please quote: 5-Pin: **CABL185 – 2m** **CABL187 – 5m** **CABL188 – 10m**

Also remember that 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.

Pin Configuration	
3-Pin	5-Pin
	Pin 1 - Ground
	Pin 2 - Negative
	Pin 3 - Positive
-	Pin 4 - N/C
-	Pin 5 - N/C



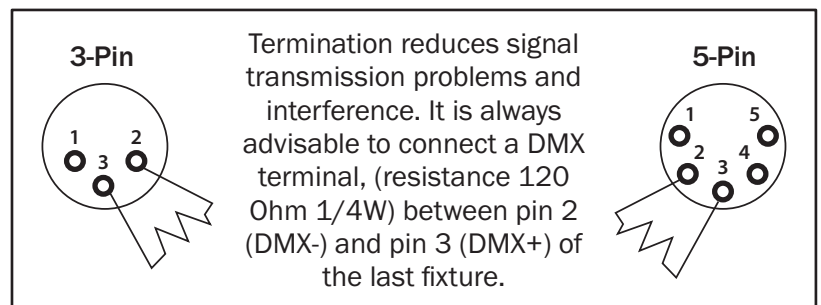
Line termination:

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.

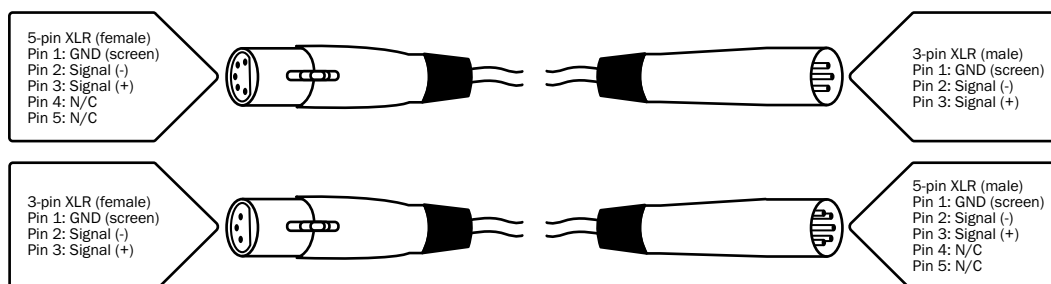
(3-pin - Order ref: CABL90,

5-pin - Order ref: CABL89)



5-pin XLR DMX connectors:

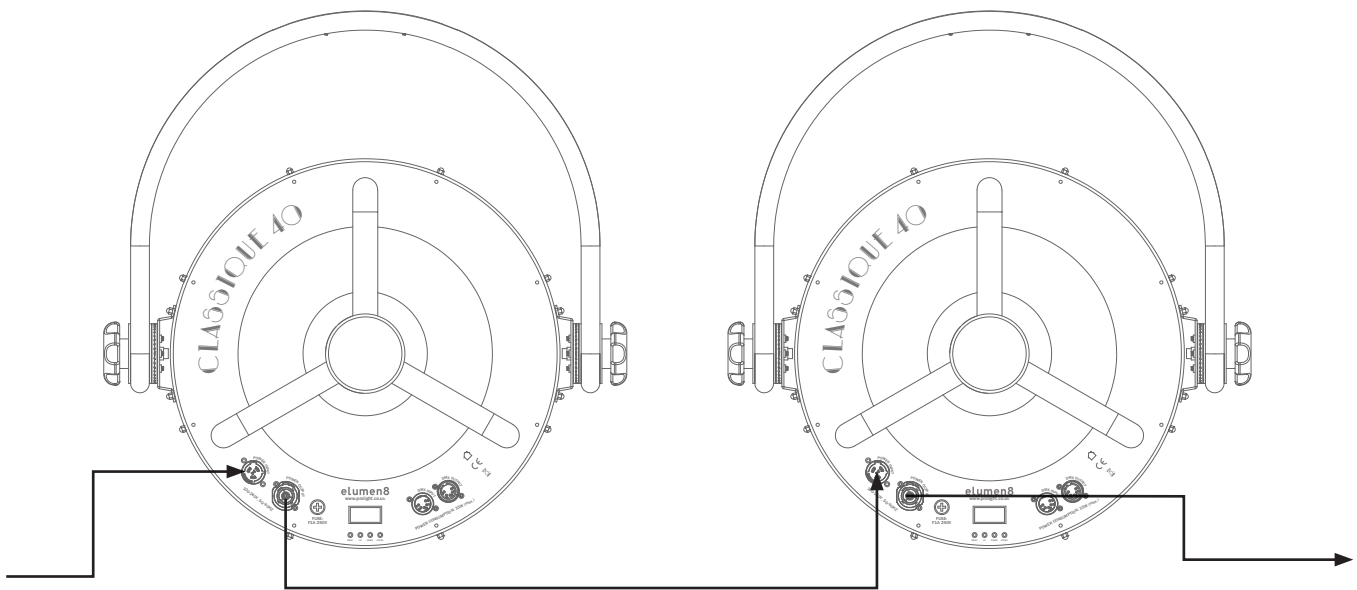
Some manufactures use 5-pin XLR connectors for data transmission in place of 3-pin. 5-pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors in to a 3-pin line a cable adaptor must be used. The diagram below details the correct cable conversion.



Power linking:

This fixture provides power linking via the power output on the rear allowing multiple units to be connected together. The maximum number of fixtures that can be connected is 12 fixtures @ 240V or 6 fixture @ 120V (including the first fixture). After the maximum number of fixtures are connected a new power run will need to be started.

Please note: Caution should be used when power linking other fixtures to the Classique 40 as the power consumption of other fixtures will vary. Fixtures fitted with lamps often require 2/3 times more current on startup, these may require their own power source.





***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.

This notice does not imply a requirement for the product to be returned to the manufacturer or supplier, disposal should be carried out via appropriate authorised recycling facilities in accordance with local regulations.

