

EQUINOX

Maxi Batt

User Manual



Order codes:

EQLED162 - Black Housing

EQLED162A - 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.



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.
- This unit is not intended for fixed installation.
- 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.

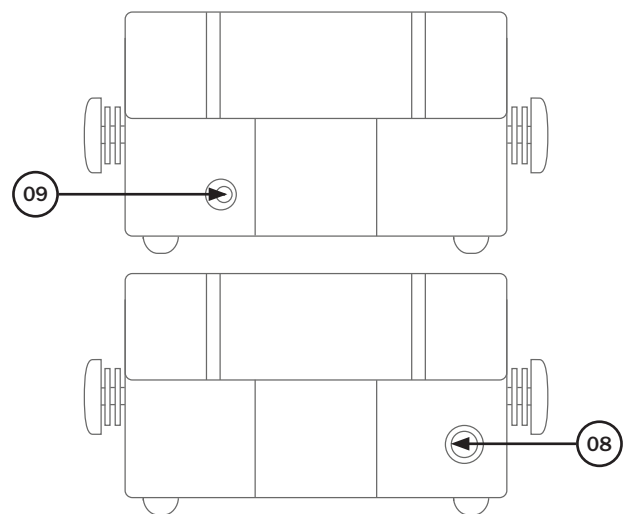
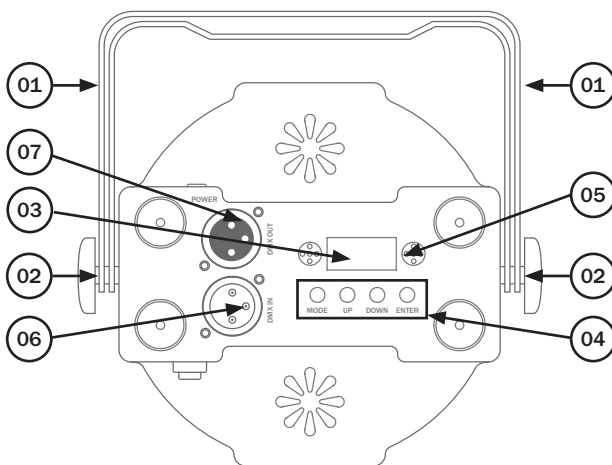
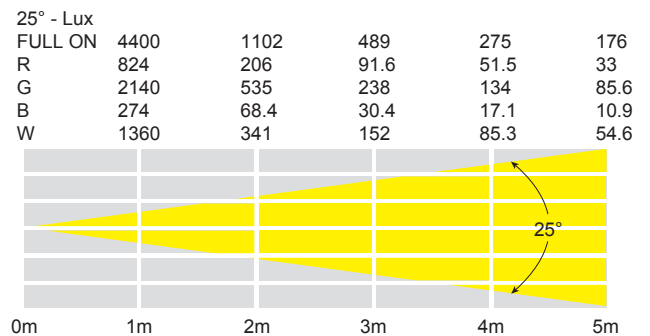
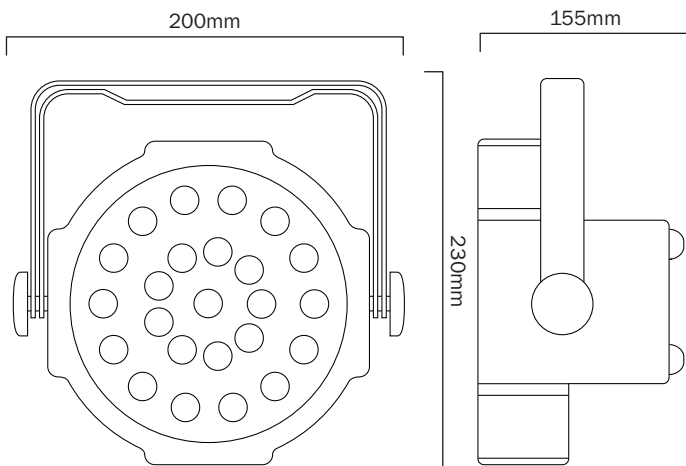
Maxi Batt

Rechargeable lithium battery powered LED slim par can utilising 1W RGBW LEDs for stage or wall washing. The internal battery will keep a charge for up to 6 hours from a single charge, and with no power cables to connect you are free to set up the unit wherever you want. Function options and DMX addressing can be changed using the 4 button LED display or controlled by the supplied IR remote control, the units can also be run master/slave. Utilising the on board menu system you can manually colour select or colour mix providing a wide spectrum of colours.



- 24 x 1W LEDs (R: 6, G: 6, B: 6, W: 6)
- Beam angle: 25°
- 1,102 Lux @ 2m (full on)
- DMX channels: 5 or 8 selectable
- Static colour, colour change, colour fade, auto, sound active and master/slave modes
- 0-100% dimming and variable strobe
- 4 push button menu with LED display
- Bracket allows for multiple rigging or floor standing applications
- Rechargeable battery for wireless applications
- Maximum run time: 6 hours (single colour)
- Charging time: 5 hours (max.)
- DC 12V charging input (via the included charger)
- 3-Pin XLR input/output
- Fan cooled

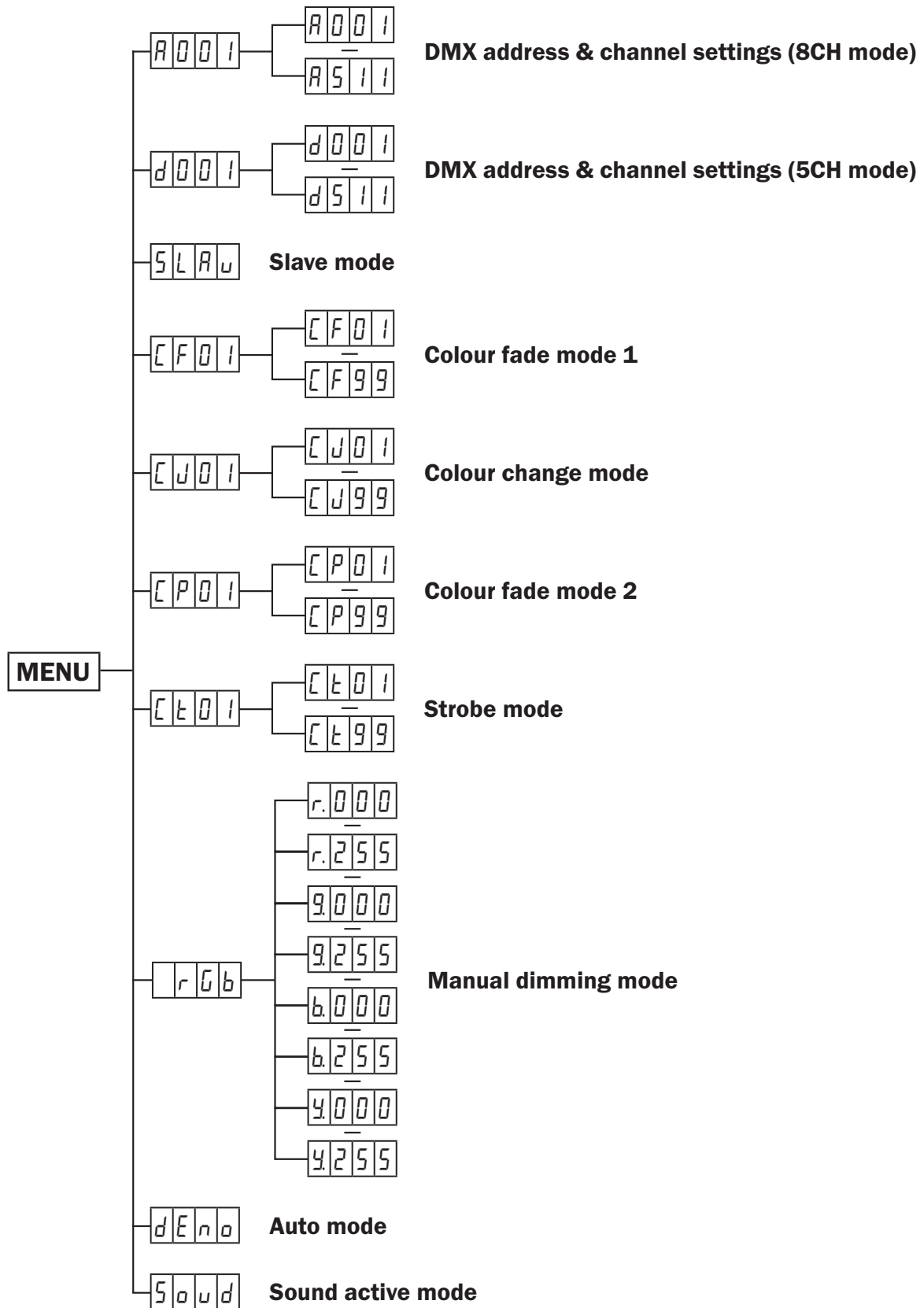
Specifications	Maxi Batt
Power consumption	30W
Power supply	100~240V, 50/60Hz
Battery	12V 4400mAh
Dimensions	230 x 200 x 155mm
Weight	1.1kg
Order code	EQLED162 - Black housing EQLED162A - White housing



- 01 - Bracket
- 02 - Bracket tightening knobs
- 03 - LED display
- 04 - Function buttons
- 05 - Microphone
- 06 - 3-Pin DMX input
- 07 - 3-Pin DMX output
- 08 - On/off button

09 - 12V DC charging input*
 *WARNING! Charging input only via the approved charger supplied. This must not be used with a standard DC power supply.

In the box:
1 x fixture, 1 x charger & 1 x user manual



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.

To access the DMX address and channel mode for 5 channel DMX, press the “**MENU**” button on the rear of the unit to show *1000 1* on the LED display. This is now in 5 channel mode. Now press the “**ENTER**” button and use the “**UP**” and “**DOWN**” buttons to set the required DMX address. Press the “**ENTER**” button to confirm the setting. Press the “**ENTER**” button to confirm the setting.

To access the DMX address and channel mode for 8 channel DMX, press the “**MENU**” button on the rear of the unit to show *1000 1* on the LED display. This is now in 8 channel mode. Now press the “**ENTER**” button and use the “**UP**” and “**DOWN**” buttons to set the required DMX address. Press the “**ENTER**” button to confirm the setting. Press the “**ENTER**” button to confirm the setting.

5 channel mode:

Channel	Value	Function
CH1	000-255	Master dimmer (0-100%)
CH2	000-255	Red (0-100%)
CH3	000-255	Green (0-100%)
CH4	000-255	Blue (0-100%)
CH5	000-255	White (0-100%)

8 channel mode:

Channel	Value	Function
CH1	000-255	Master dimmer (0-100%)
CH2	000-255	Red (0-100%)
CH3	000-255	Green (0-100%)
CH4	000-255	Blue (0-100%)
CH5	000-255	White (0-100%)
CH6	000-255	Auto mode (slow-fast) (CH1-5 must be used with this channel)
CH7	000-255	Strobe mode (slow-fast) (CH1-5 must be used with this channel)
CH8	000-050	No function
	051-100	Static colours
	101-199	Colour fade (slow-fast)
	200-250	Colour change (slow-fast)
	251-255	Sound active

Colour fade mode 1:

To access colour fade mode 1, press the “MENU” button on the rear of the unit to show $[F0]$ on the LED display. Now press the “ENTER” button and use the “UP” and “DOWN” buttons to set the speed between $[F0]$ ~ $[F99]$. Press the “ENTER” button to confirm the setting.

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

Value: 01 - 99 (01 = slow speed, 99 = fast speed)

Colour change mode:

To access colour change mode, press the “MENU” button on the rear of the unit to show $[J0]$ on the LED display. Now press the “ENTER” button and use the “UP” and “DOWN” buttons to set the speed between $[J0]$ ~ $[J99]$. Press the “ENTER” button to confirm the setting.

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

Value: 01 - 99 (01 = slow speed, 99 = fast speed)

Colour fade mode 2:

To access colour fade mode 2, press the “MENU” button on the rear of the unit to show $[P0]$ on the LED display. Now press the “ENTER” button and use the “UP” and “DOWN” buttons to set the speed between $[P0]$ ~ $[P99]$. Press the “ENTER” button to confirm the setting.

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

Value: 01 - 99 (01 = slow speed, 99 = fast speed)

Strobe mode:

To access strobe mode, press the “MENU” button on the rear of the unit to show $[E0]$ on the LED display. Now press the “ENTER” button and use the “UP” and “DOWN” buttons to set the speed between $[E0]$ ~ $[E99]$. Press the “ENTER” button to confirm the setting.

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

Value: 01 - 99 (01 = slow speed, 99 = fast speed)

Manual dimming mode:

To access the manual dimming mode, press the “MENU” button until the display shows rGb on the LED display. Use the “UP” and “DOWN” buttons to select the required brightness of red from $r.000$ ~ $r.255$. Press the “ENTER” button followed by the “MENU” button and repeat for g (green), b (blue) and y (white). Press the “ENTER” button to confirm the setting.

Value: 000 - 255 (000 = low brightness, 255 = high brightness)

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

Master/slave mode:

To set the master unit select your desired program (colour change, colour fade, auto, sound active or strobe). To set the other units in slave mode, press the “**MENU**” button on the front of the unit to show *SLAVE* on the LED display. Press the “**ENTER**” button to confirm the setting. The unit will now run in sequence with the master unit. To exit out of any of the above options, press the “**MENU**” button.

Please ensure that all slave units are set to the same DMX channel mode as the master unit.

Auto mode:

To access auto mode, press the “**MENU**” button on the rear of the unit to show *Auto* on the LED display. The fixture will now run through all its built-in programs

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

Sound mode:

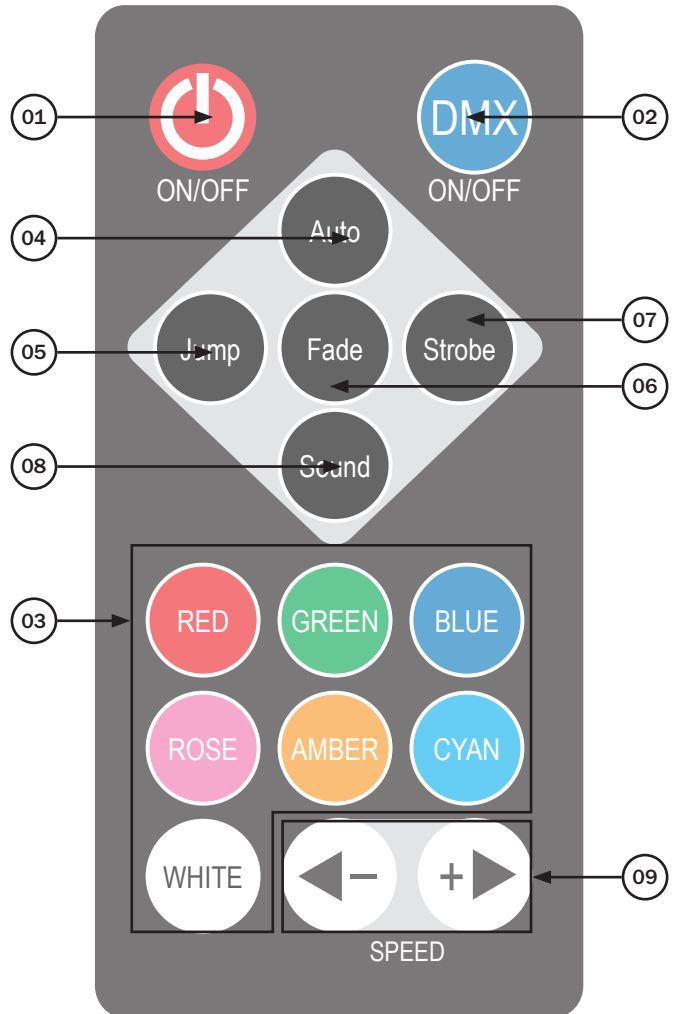
To access sound mode, press the “**MENU**” button on the rear of the unit to show *Sound* on the LED display. The fixture will now run in sound mode.

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

IR remote functions:

Button functions:

- 01 - Sets the unit into blackout on or off
- 02 - Use to select between 5CH, 8CH or Slave modes
- 03 - Static colour mode - Use to select one of the preset colours
- 04 - Auto mode - Use this button to select auto mode
- 05 - Colour change mode - Use the '+' and '-' buttons to select the desired speed
- 06 - Colour fade modes - Press this to switch between Fade 1 and Fade 2 modes. Use the '+' and '-' buttons to select the desired speed
- 07 - Strobe mode - Use the '+' and '-' buttons to select the desired speed
- 08 - Sound active mode - Use this button to select sound active mode
- 09 - Use these buttons to adjust the speed of any of the colour change, colour fade or strobe programs.



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 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

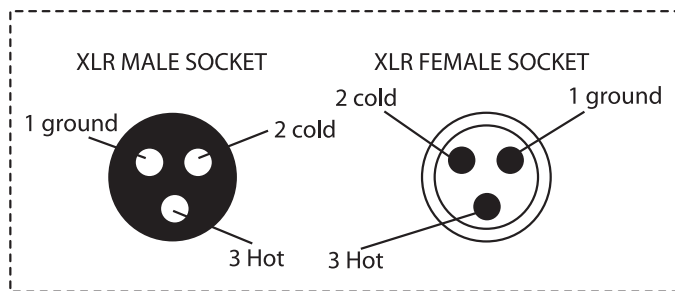
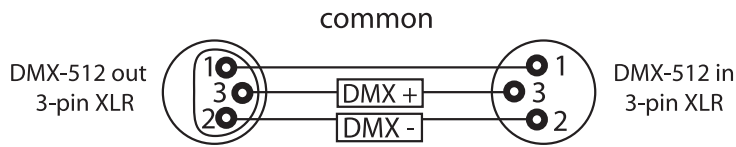
CABL11 – 5m

CABL12 – 10m

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.



XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Negative
Pin 3 = Positive

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.

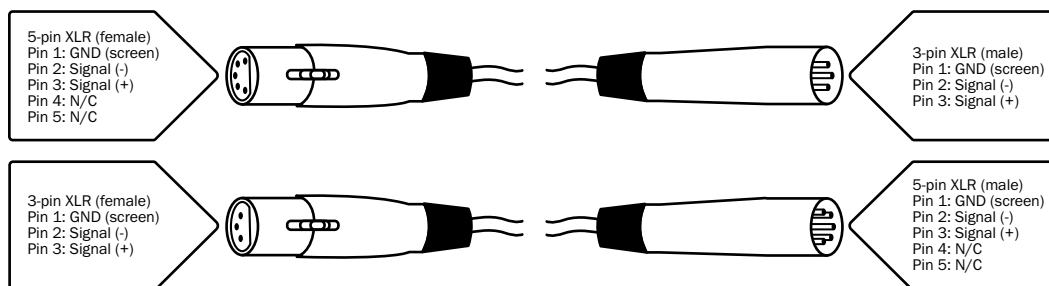
Using a cable terminator will decrease the possibilities of erratic behaviour.

(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.





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 of 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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