EQUINOX

Eclipse

User Manual

Order code: EQLED118

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 voltage is between 100~240V, 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.
- 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.

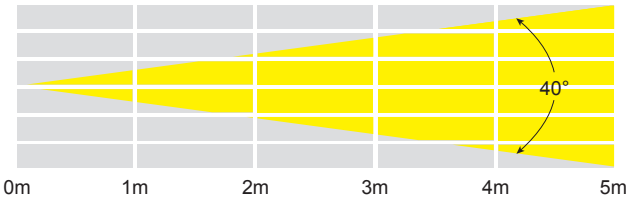
Please note: These fixtures are intended for stage lighting and entertainment applications only, and are not intended for extended periods of use, including but not limited to house-light, industrial or architectural applications and should only be operated with short duty cycles.

Eclipse

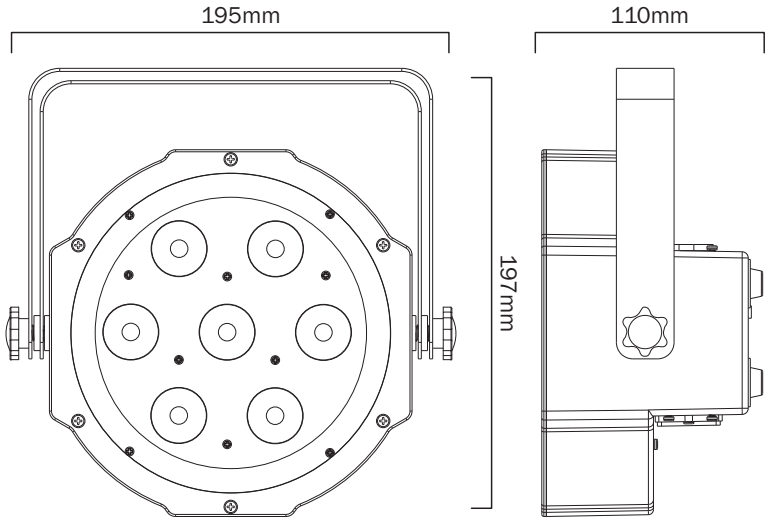
This compact, slim profile par is designed for uplighting as well as eye candy stage effects. It features 7 x 8W quad-colour RGBW LEDs which offer smooth colour mixing whilst the surrounding RGB LED ring chases and changes colour, producing mesmerising effects. With multiple on-board functions this unit can either work in auto, sound active or DMX modes.

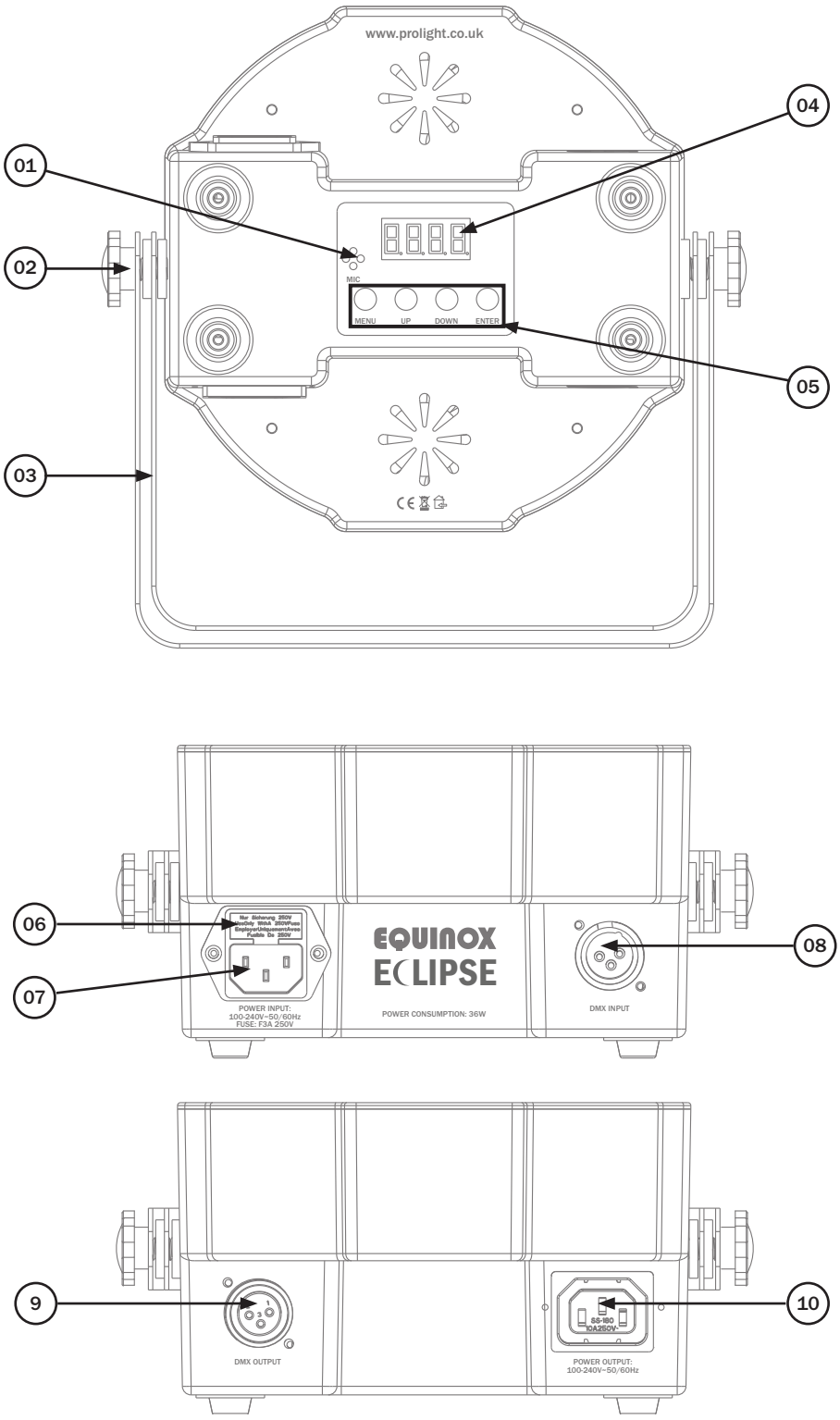
- 7 x 8W quad-colour LEDs (RGBW)
- 32 x tri-colour 5050 SMD LEDs (RGB)
- Beam angle: 40°
- 2,204 Lux @ 2m (full on)
- DMX channels: 3/6/13 or 38 selectable
- Auto, sound active and master/slave modes
- 0-100% dimming and variable strobe
- 4 push button menu with LED display
- Bracket allows for multiple rigging or floor standing applications
- Rubber feet allow the panel to sit flat on the floor for uplighting
- Side entry XLR and power connections
- IEC power input/output
- 3-Pin XLR input/output
- Fan cooled
- Supplied with IR remote

40° - Lux					
FULL ON	8816	2204	980	551	353
R	1632	408	181	102	65
G	3412	853	379	213	136
B	804	201	89	50	32
W	3812	953	424	238	152



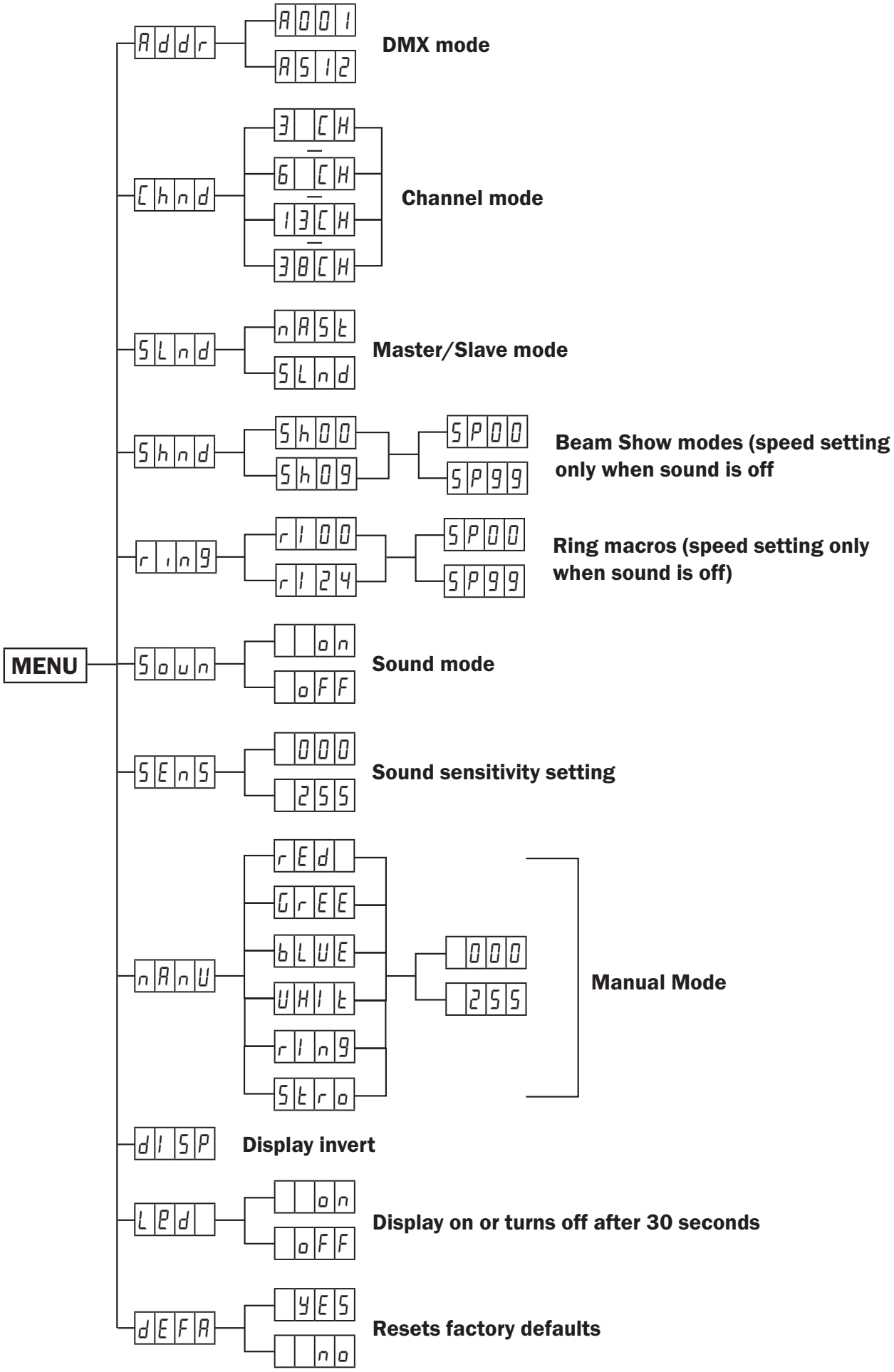
Specifications	Eclipse
Power consumption	36W
Power supply	100~240V, 50/60Hz
Fuse	F3A 250V
Dimensions	197 x 195 x 110mm
Weight	0.9kg
Order code	EQLED118





01 - Microphone
02 - Bracket knobs
03 - Bracket
04 - LED display
05 - Function buttons
06 - Fuse F3A 250V
07 - IEC power input
08 - DMX input
09 - DMX output
10 - IEC power output

In the box: **1 x fixture, 1 x IR remote & 1 x power cable**


MENU
Addr
A001
A512
DMX mode
Chnd
3 CH
6 CH
13CH
38CH
Channel mode
SLnd
nAST
SLnd
Master/Slave mode
Shnd
Sh00
Sh09
SP00
SP99
Beam Show modes (speed setting only when sound is off
rinG
r100
r124
SP00
SP99
Ring macros (speed setting only when sound is off)
Soun
on
oFF
Sound mode
SEnS
000
255
Sound sensitivity setting
nAnU
rEd
GrEE
bLUE
UHIt
rinG
Stro
000
255
Manual Mode
diSP
Display invert
LEd
on
oFF
Display on or turns off after 30 seconds
dEFA
YES
no
Resets factory defaults

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 mode, press the "**MENU**" button and use the "**UP**" and "**DOWN**" buttons to show Addr on the LED display. Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to select between A001 ~ A512. Press the "**ENTER**" button to confirm.

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

To access the channel mode, press the "**MENU**" button and use the "**UP**" and "**DOWN**" buttons to show Chnd on the LED display. Now press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to choose one of the 3/6/13 or 38 DMX channel modes.
Press the "**ENTER**" button to confirm the setting.
To exit out of any of the above options, press the "**MENU**" button.

3 channel mode:

Channel	Value	Function
CH1	000-029	No Function (Blackout)
	030-054	Show 1 (Colour fade in/out 3 colours RGB)
	055-079	Show 2 (Colour fade in/out 7 colours RGBCMYW)
	080-104	Show 3 (Colour fade)
	105-129	Show 4 (Red fade in/out)
	130-154	Show 5 (Green fade in/out)
	155-179	Show 6 (Blue fade in/out)
	180-204	Show 7 (White fade in/out)
	205-229	Show 8 (Colour change in/out (3 colours RGB)
	230-255	Show 9 (Colour change in/out (7 colours RGBCMYW)
CH2	000	No function
	001-255	Colour macros - ring only
CH3	000-255	Speed (when sound OFF) / Sound sensitivity (when sound ON)

6 channel mode:

Channel	Value	Function
CH1	000-255	Master dimmer (0-100%) - beam only
CH2	000	No function
	001-255	Colour macros - beam only
CH3	000-255	Master dimmer (0-100%) - ring only
CH4	000	No function
	001-255	Colour macros - ring only
CH5	000	No function
	001-255	Macro programs - ring only
CH6	000-255	Macro program speed (slow-fast)

13 channel mode:

Channel	Value	Function	
CH1	000-255	Master Dimmer 0-100%	LEDs
CH2	000-009	No Function	
	010-255	Strobe (slow-fast)	
CH3	000-255	Red dimmer (0-100%)	
CH4	000-255	Green dimmer (0-100%)	
CH5	000-255	Blue dimmer (0-100%)	
CH6	000-255	White dimmer (0-100%)	
CH7	000-255	Master dimmer (0-100%)	LED Ring
CH8	000-009	No Function	
	010-255	Strobe (slow-fast)	
CH9	000-255	Red dimmer (0-100%)	
CH10	000-255	Green dimmer (0-100%)	
CH11	000-255	Blue dimmer (0-100%)	
CH12	000-029	No Function (Blackout)	
	030-054	Show 1 (Colour fade in/out 3 colours RGB)	
	055-079	Show 2 (Colour fade in/out 7 colours RGBCMYW)	
	080-104	Show 3 (Colour fade)	
	105-129	Show 4 (Red fade in/out)	
	130-154	Show 5 (Green fade in/out)	
	155-179	Show 6 (Blue fade in/out)	
	180-204	Show 7 (White fade in/out)	
	205-229	Show 8 (Colour change in/out (3 colours RGB)	
	230-255	Show 9 (Colour change in/out (7 colours RGBCMYW)	
CH13	000-255	Speed (when sound OFF) / Sound sensitivity (when sound ON)	

38 channel mode:

Channel	Value	Function	
CH1	000-255	Master dimmer (0-100%)	LEDs
CH2	000-009	No function	
	010-255	Strobe (slow-fast)	
CH3	000	No function	
	001-255	Colour macros	
CH4	000-255	Red dimmer (0-100%)	
CH5	000-255	Green dimmer (0-100%)	
CH6	000-255	Blue dimmer (0-100%)	
CH7	000-255	White dimmer (0-100%)	
CH8	000-255	Master dimmer (0-100%)	LED Ring
CH9	000-009	No function	
	010-255	Strobe (slow-fast)	
CH10	000	No function	
	001-255	Colour macros	
CH11	000	No function	
	001-255	Macro programs	
CH12	000-255	Macro program speed (slow-fast)	
CH13	000-255	Red dimmer 1 (0-100%)	
CH14	000-255	Green dimmer 1 (0-100%)	
CH15	000-255	Blue dimmer 1 (0-100%)	
CH16	000-255	Red dimmer 2 (0-100%)	
CH17	000-255	Green dimmer 2 (0-100%)	
CH18	000-255	Blue dimmer 2 (0-100%)	
CH19	000-255	Red dimmer 3 (0-100%)	
CH20	000-255	Green dimmer 3 (0-100%)	
CH21	000-255	Blue dimmer 3 (0-100%)	
CH22	000-255	Red dimmer 4 (0-100%)	
CH23	000-255	Green dimmer 4 (0-100%)	
CH24	000-255	Blue dimmer 4 (0-100%)	
CH25	000-255	Red dimmer 5 (0-100%)	
CH26	000-255	Green dimmer 5 (0-100%)	
CH27	000-255	Blue dimmer 5 (0-100%)	
CH28	000-255	Red dimmer 6 (0-100%)	
CH29	000-255	Green dimmer 6 (0-100%)	
CH30	000-255	Blue dimmer 6 (0-100%)	
CH31	000-255	Red dimmer 7 (0-100%)	
CH32	000-255	Green dimmer 7 (0-100%)	
CH33	000-255	Blue dimmer 7 (0-100%)	
CH34	000-255	Red dimmer 8 (0-100%)	
CH35	000-255	Green dimmer 8 (0-100%)	
CH36	000-255	Blue dimmer 8 (0-100%)	

continued...

38 channel mode continued:

Channel	Value	Function	
CH37	000-029	No Function (Blackout)	LEDs
	030-054	Show 1 (Colour fade in/out 3 colours RGB)	
	055-079	Show 2 (Colour fade in/out 7 colours RGBCMYW)	
	080-104	Show 3 (Colour fade)	
	105-129	Show 4 (Red fade in/out)	
	130-154	Show 5 (Green fade in/out)	
	155-179	Show 6 (Blue fade in/out)	
	180-204	Show 7 (White fade in/out)	
	205-229	Show 8 (Colour change in/out (3 colours RGB))	
	230-255	Show 9 (Colour change in/out (7 colours RGBCMYW)	
CH38	000-255	Speed (when sound OFF) / Sound sensitivity (when sound ON)	

Master/slave mode:

The default setting for this fixture is Master. Set the master unit in one of the built-in programs, sound modes, colour mix mode or static colour mode.

To set the slave unit, press the "**MENU**" button on the front of the master unit to show SLnd on the LED display. Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to select nASt or SLnd. Press the "**ENTER**" button to confirm.

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 and both master and slave units are set to DMX address 001.

Show mode:

To access show mode press "**MENU**" until the display shows Shnd on the LED display.
Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to select between Sh00 ~ Sh09.
Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to select the speed setting between SP00 ~ SP99.
Press the "**ENTER**" button to confirm.

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

Ring mode:

To access ring mode press "**MENU**" until the display shows r inG on the LED display.
Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to select between r 100 ~ r 124.
Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to select the speed setting between SP00 ~ SP99.
Press the "**ENTER**" button to confirm.

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

Sound mode:

To access sound mode press "**MENU**" until the display shows Soun on the LED display.
Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to select either on ~ oFF.
Press the "**ENTER**" button to confirm.

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

Sound sensitivity setting:

To access sound sensitivity setting press "**MENU**" until the display shows SEnS on the LED space. Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to select between 000 (low) ~ 255 (high).
Press the "**ENTER**" button to confirm.

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

Manual mode:

To access manual mode press "**MENU**" until the display shows nAnU on the LED display.
Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to select rEd, GrEE, bLuE, UHIt, r inG or Stro. Then press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to select a value between 000 ~ 255 (This controls each of the inital selections differently and as follows: 'Dimming' for Red, Green, Blue and White, 'Macros' for the Ring and 'Speed' for the Strobe.
Press the "**ENTER**" button to confirm.

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

Display invert:

To access display invert press "**MENU**" until the display shows dSI P on the LED display.
Press the "**ENTER**" button to confirm.

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

Display setting:

To access the display setting press "**MENU**" until the display shows LEd on the LED display.
Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to select either on ~ oFF.
Press the "**ENTER**" button to confirm.

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

Factory reset:

To reset to factory default settings press "**MENU**" until the display shows dEFA on the LED display.
Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to select either YES ~ no.
Press the "**ENTER**" button to confirm.

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

IR remote functions:

01 - Sets the unit into blackout off/on (LED on/off).

02 - Sets the unit to full on. Press a second time to leave only the ring on.

03 - Pressing the 'Speed –' or 'Speed +' buttons will allow the speed to be adjusted.

04 - Press to activate the ring mode, press multiple times to go through the ring programs. Press the 'Speed +' and 'Speed –' buttons to adjust the speed. Activates the strobe, use the '+' and '–' buttons to adjust the strobe speed.

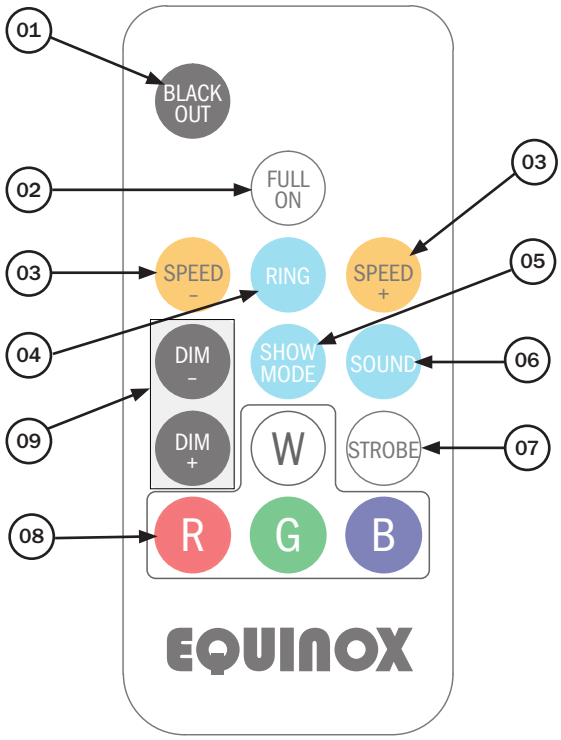
05 - Press to activate the show mode, press multiple times to go through the ring programs. Press the 'Speed +' and 'Speed –' buttons to adjust the speed.

06 - Press to activate the sound mode, press again to de-activate sound mode.

07 - Press to activate the strobe mode, press multiple time to increase the strobe rate.

08 - Manual colour selection. Use the 'R', 'G', 'B' or 'W' buttons to select a manual colour.

09 - Pressing the 'Dim –' or 'Dim +' buttons will allow the R, G, B, W selection to be dimmed.



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 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 requires either a standard 3-pin or 5-pin XLR connector for data input/output, see images below.

Further DMX cables can be purchased from all good sound and lighting suppliers or Prolight Concepts dealers.

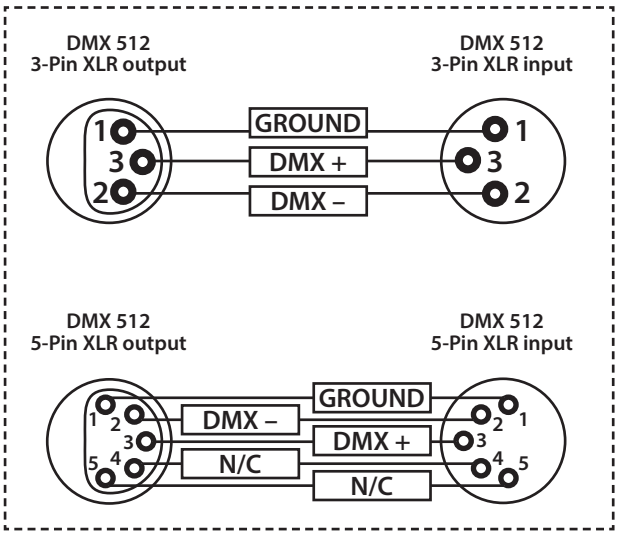
Please quote:	3-Pin:	**CABL10 – 2m**	**CABL11 – 5m**	**CABL12 – 10m**
	5-Pin:	**CABL185 – 2m**	**CABL187 – 5m**	**CABL188 – 10m**

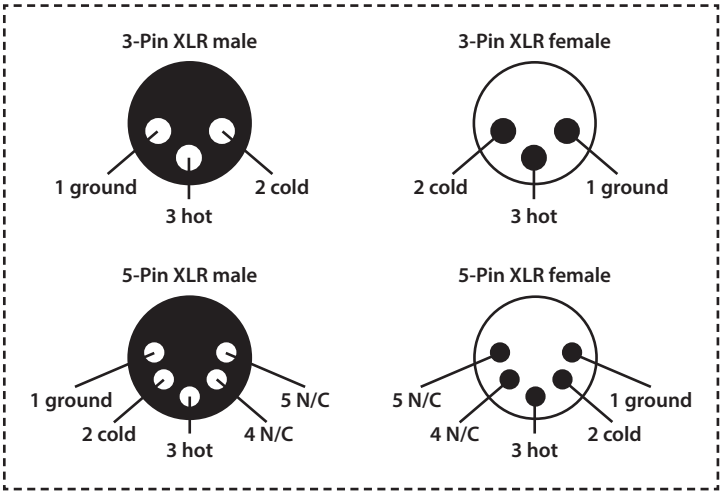
Also remember that DMX cable must be daisy chained and cannot be split.

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

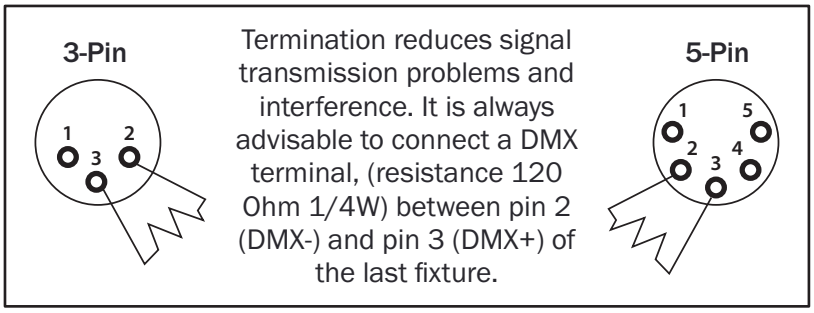




Line termination:

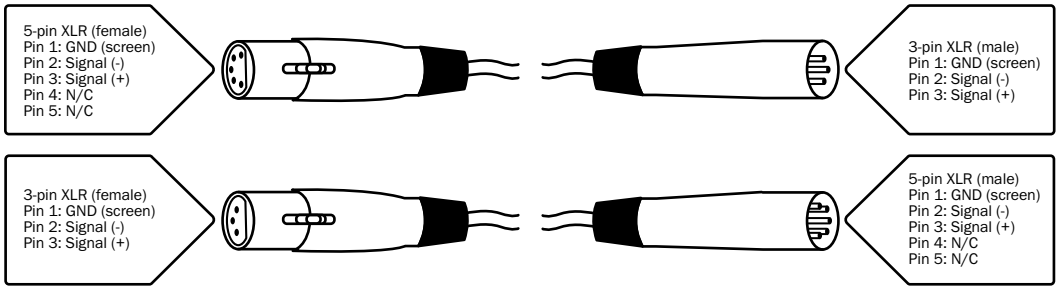
When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behaviour.

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:

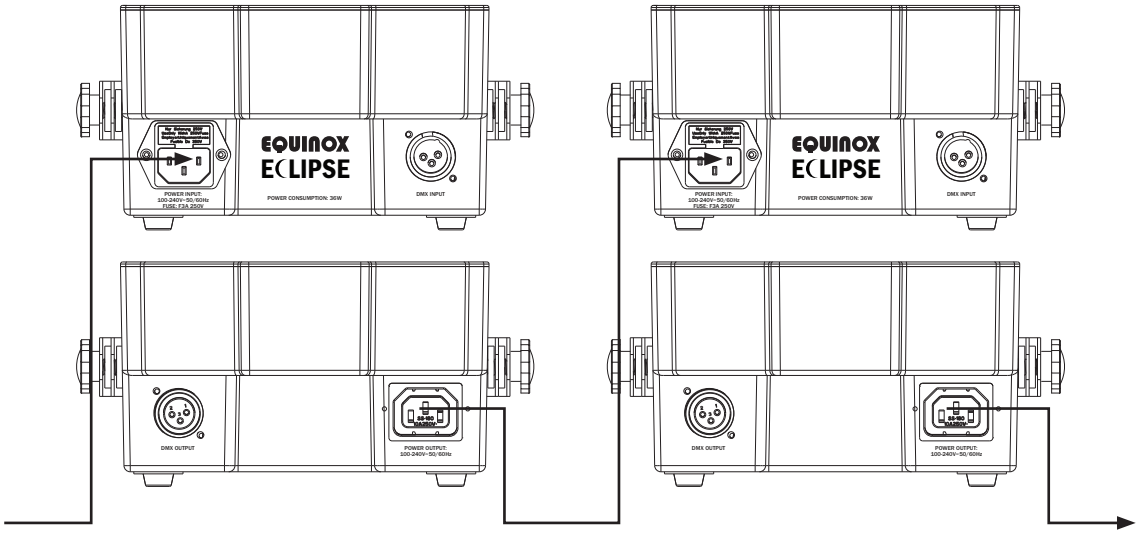
Some manufactures use 5-pin XLR connectors for data transmission in place of 3-pin. 5-pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors in to a 3-pin line a cable adaptor must be used. The diagram below details the correct cable conversion.



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 24 fixtures @ 240V or 12 fixtures @ 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 Eclipse 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 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.

EQUINOX