

EQUINOX

Super Boogie

User Manual



Order code: EQLED203

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 sit the equipment on a flat surface as this can block the air intake to cool the LED.
- 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!

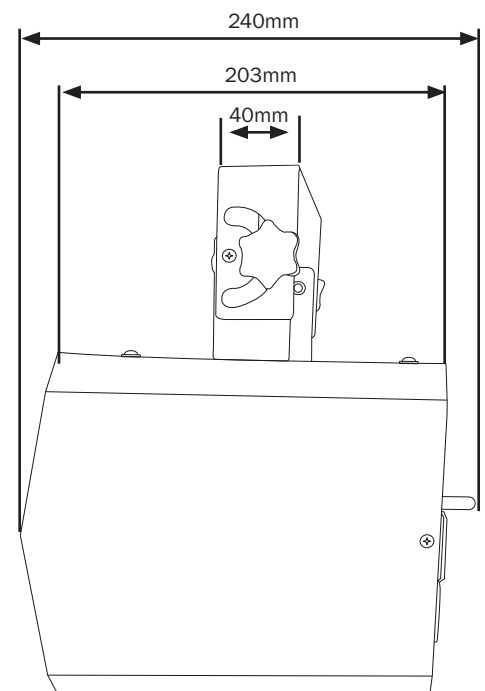
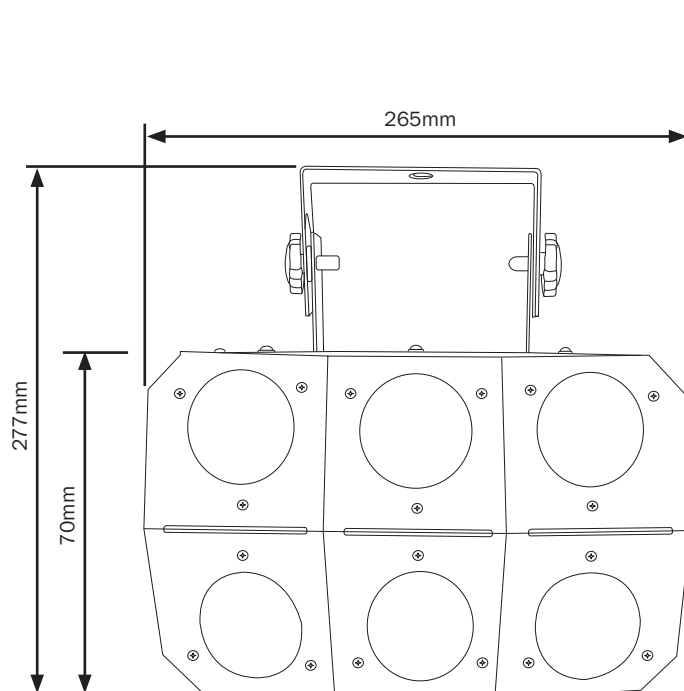
Incorrect installation or use can cause serious damage to people and/or property.

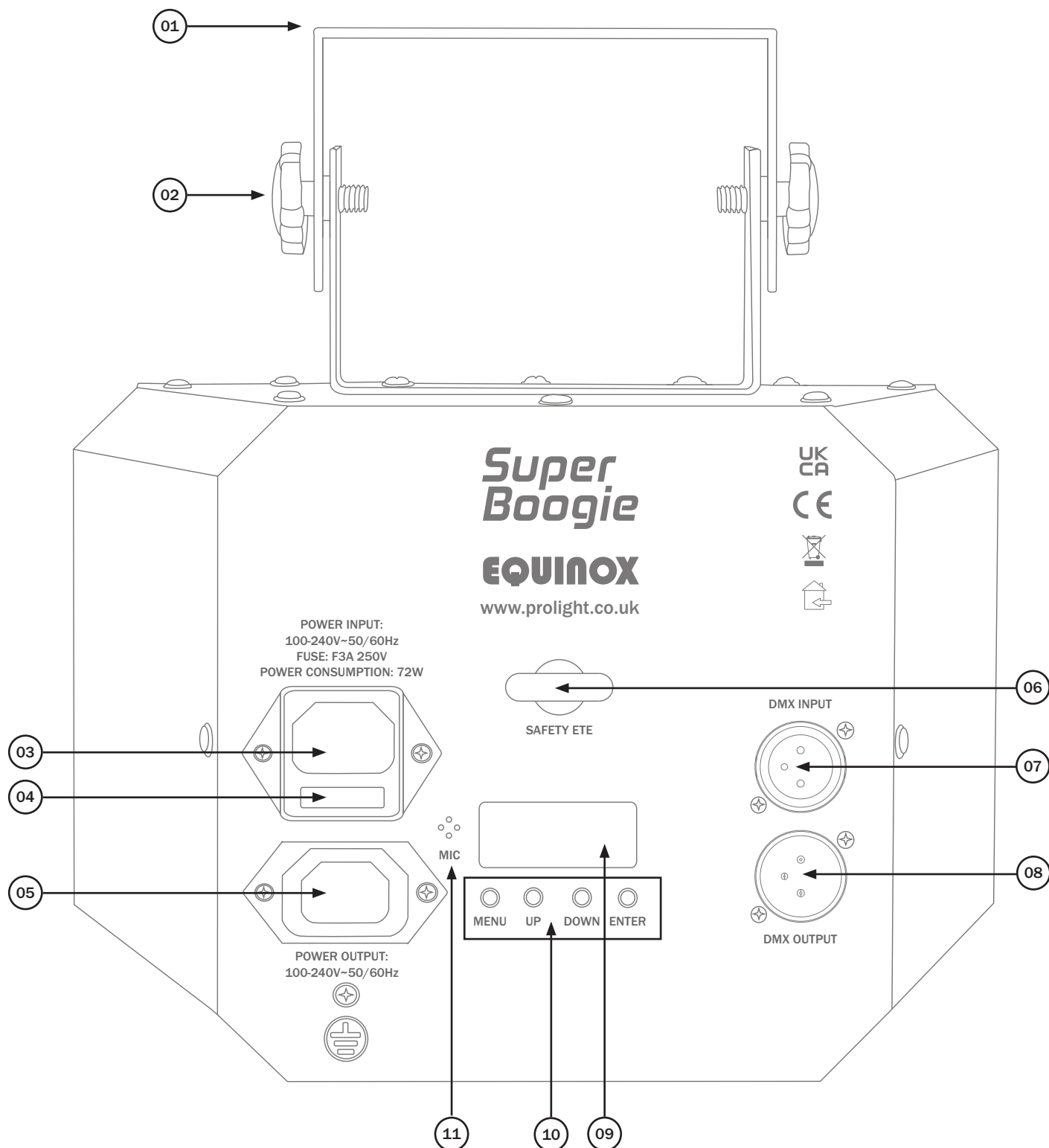
Super Boogie

The extremely wide coverage effect with super bright LEDs makes the Super Boogie ideal for both installation and mobile applications. Brilliant beams of colour along with versatile light shows make this effect impressive under both DMX and built-in show modes.

- 24 x 3W LEDs (R: 6, G: 6, B: 6, A: 6)
- Beam angle: 78°
- DMX channels: 4/6 or 26 selectable
- Auto, sound active and master/slave modes
- 0-100% dimming and variable strobe
- IR remote control included
- Supplied with mounting bracket
- 4 push button menu with LED display
- IEC power input/output
- 3-Pin XLR input/output
- Convection cooled

Specifications	
Power consumption	72W
Power supply	100~240V, 50/60Hz
Fuse	F3A 250V
Dimensions	277 x 265 x 240mm
Weight	2.9kg
Order code	EQLED203

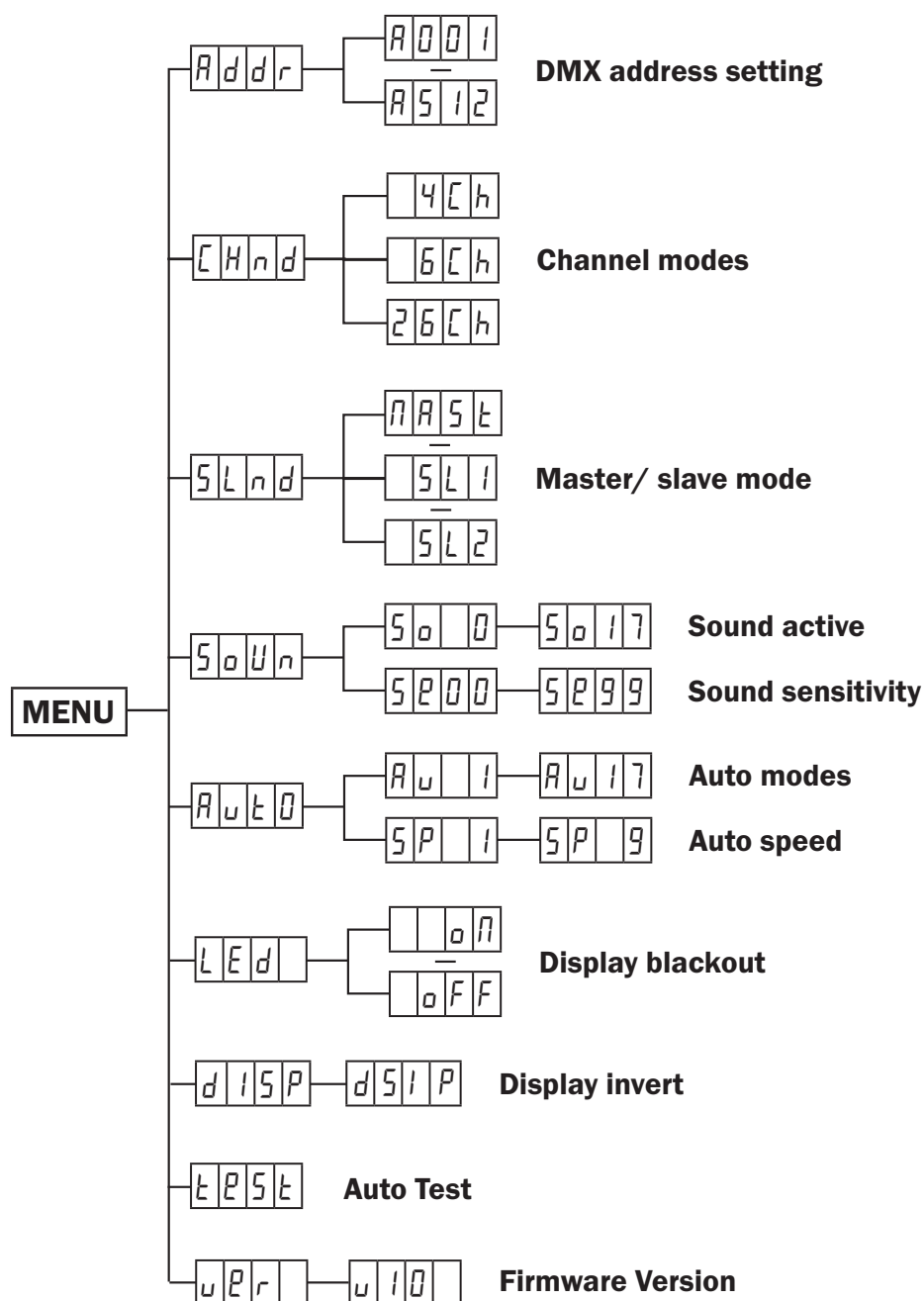




- 01 - Hanging bracket
- 02 - Adjustment knobs
- 03 - IEC power input
- 04 - Fuse F3A 250V
- 05 - IEC power output
- 06 - Safety eye

- 07 - 3-Pin DMX input
- 08 - 3-Pin DMX output
- 09 - LED display
- 10 - Function buttons
- 11 - Microphone

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



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 mode, press the **"MENU"** button and use the **"UP"** and **"DOWN"** buttons on the rear of the unit to show *Addr* on the LED display. 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. To exit out of any of the above options, press the **"MENU"** button.

DMX channel mode:

To access the DMX channel mode, press the **"MENU"** button and use the **"UP"** and **"DOWN"** buttons on the rear of the unit to show *Chnd* on the LED display. Now press the **"ENTER"** button and use the **"UP"** and **"DOWN"** buttons to choose one of the 4, 6 or 26 DMX channel modes. Press the **"ENTER"** button to confirm the setting. To exit out of any of the above options, press the **"MENU"** button.

4 channel mode:

Channel	Value	Function	
CH1	000-255	Master dimmer (0-100%)	
CH2	000-008	No function	
	009-255	Strobe (slow-fast)	
CH3	000-007	Colour Chase	No function
	008-022		Chase 01
	023-037		Chase 02
	038-052		Chase 03
	053-067		Chase 04
	068-082		Chase 05
	083-097		Chase 06
	098-112		Chase 07
	113-127		Chase 08
	128-142		Chase 09
	143-157		Chase 10
	158-172		Chase 11
	173-187		Chase 12
	188-202		Chase 13
	203-217		Chase 14
	218-232		Chase 15
	233-247		Chase 16
	248-255		All Chase
CH4	000-127	Chase Auto Speed (slow-fast)	
	128-255	Chase Sound Sensitivity (low-high)	

6 channel mode:

Channel	Value	Function
CH1	000-255	Red dimmer (0-100%)
CH2	000-255	Green dimmer (0-100%)
CH3	000-255	Blue dimmer (0-100%)
CH4	000-255	Amber dimmer (0-100%)
CH5	000-255	Master dimmer (0-100%)
CH6	000-007	No function
	008-255	Strobe (slow-fast)

26 channel mode:

Channel	Value	Function
CH1	000-255	Master dimmer (0-100%)
CH2	000-007	No function
	008-255	Strobe (slow-fast)
CH3	000-255	Red 1 dimmer (0-100%)
CH4	000-255	Green 1 dimmer (0-100%)
CH5	000-255	Blue 1 dimmer (0-100%)
CH6	000-255	Amber 1 dimmer (0-100%)
CH7	000-255	Red 2 dimmer (0-100%)
CH8	000-255	Green 2 dimmer (0-100%)
CH9	000-255	Blue 2 dimmer (0-100%)
CH10	000-255	Amber 2 dimmer (0-100%)
CH11	000-255	Red 3 dimmer (0-100%)
CH12	000-255	Green 3 dimmer (0-100%)
CH13	000-255	Blue 3 dimmer (0-100%)
CH14	000-255	Amber 3 dimmer (0-100%)
CH15	000-255	Red 4 dimmer (0-100%)
CH16	000-255	Green 4 dimmer (0-100%)
CH17	000-255	Blue 4 dimmer (0-100%)
CH18	000-255	Amber 4 dimmer (0-100%)
CH19	000-255	Red 5 dimmer (0-100%)
CH20	000-255	Green 5 dimmer (0-100%)
CH21	000-255	Blue 5 dimmer (0-100%)
CH22	000-255	Amber 5 dimmer (0-100%)
CH23	000-255	Red 6 dimmer (0-100%)
CH24	000-255	Green 6 dimmer (0-100%)
CH25	000-255	Blue 6 dimmer (0-100%)
CH26	000-255	Amber 6 dimmer (0-100%)

Master/slave mode:

To set the master unit, press the **"MENU"** button and use the **"UP"** and **"DOWN"** buttons on the rear of the unit to show **SLnd** on the LED display. Press the **"ENTER"** button and use the **"UP"** and **"DOWN"** buttons on the rear of the unit to show **MASt**. Press the **"ENTER"** button to confirm the setting.

To set the other units in slave mode, press the **"MENU"** button and use the **"UP"** and **"DOWN"** buttons on the rear of the unit to show **SLnd** on the LED display. Now press the **"ENTER"** button and use the **"UP"** and **"DOWN"** buttons to choose either **SL 1** or **SL 2**.

Press the **"ENTER"** button to confirm the setting.

The unit/s 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.

Sound active:

To access the sound active setting, press the **"MENU"** button and use the **"UP"** and **"DOWN"** buttons on the rear of the unit to show **SOUn** on the LED display. Now press the **"ENTER"** button and use the **"UP"** and **"DOWN"** buttons to choose between **SO 0** to **SO 17**. Press the **"ENTER"** button and use the **"UP"** and **"DOWN"** buttons to select the sound sensitivity between **SE00** to **SE99**. Press the **"ENTER"** button to confirm the setting.

Value: 0 - 99 (0 = low, 99 = high)

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

Auto Modes:

To access the auto setting, press the **"MENU"** button and use the **"UP"** and **"DOWN"** buttons on the rear of the unit to show **Aut** on the LED display. Now press the **"ENTER"** button and use the **"UP"** and **"DOWN"** buttons to choose between **Aut 1** to **Aut 17**. Press the **"ENTER"** button and use the **"UP"** and **"DOWN"** buttons to select the auto speed between **SP 1** to **SP 9**.

Press the **"ENTER"** button to confirm the setting. To exit out of any of the above options, press the **"MENU"** button.

Display blackout:

To access the display blackout setting, press the **"MENU"** button and use the **"UP"** and **"DOWN"** buttons on the rear of the unit to show **LEd** on the **LED** display. Now press the **"ENTER"** button and use the **"UP"** and **"DOWN"** buttons to choose between **on** (display blacks out) or **off** (display always on).

Press the **"ENTER"** button to confirm the setting. To exit out of any of the above options, press the **"MENU"** button.

Display invert setting:

To access the display invert setting, press the “MENU” button and use the “UP” and “DOWN” buttons on the rear of the unit to show *dl SP* on the LED display. Now press the “ENTER” button and use the “UP” and “DOWN” buttons to choose between *dl SP* or *ds IP*. Press the “ENTER” button to confirm the setting. To exit out of any of the above options, press the “MENU” button.

Software version:

To access the fixtures software version, press the “MENU” button and use the “UP” and “DOWN” buttons on the rear of the unit to show *u P r* on the LED display. Now press the “ENTER” button.

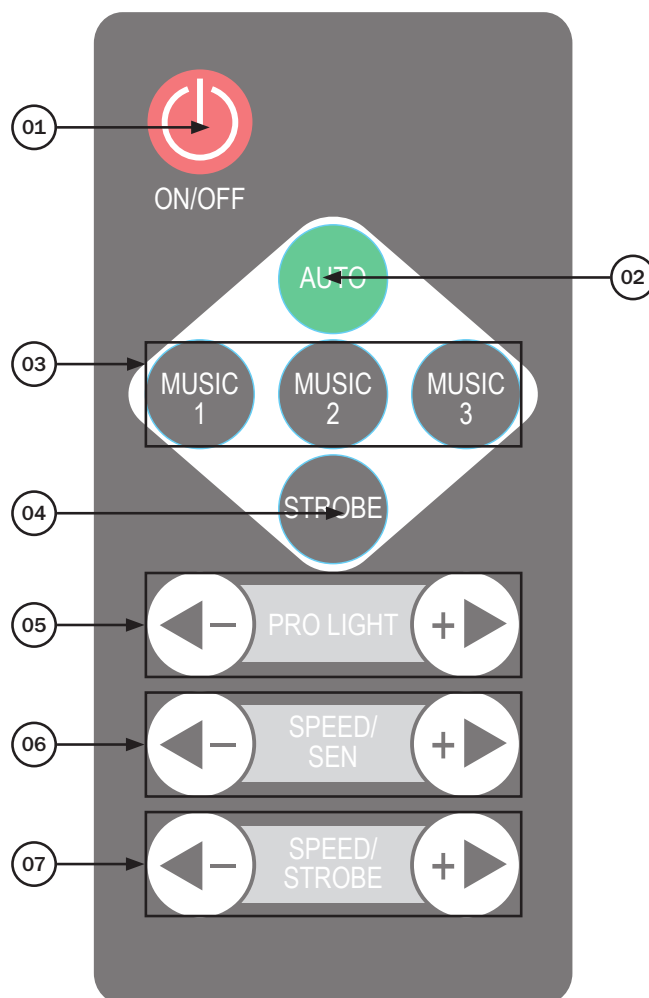
The unit will now display the fixtures software version e.g. *u 10*.

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 - Runs the auto mode – use the PRO LIGHT ‘+’ and ‘-’ buttons to change the desired program and use the SPEED/SEN button to change the program speed
- 03 - Runs the relevant sound mode – use the SPEED/SEN button to change the sensitivity
- 04 - Runs the strobe mode – use the SPEED/STROBE ‘+’ and ‘-’ buttons to change the strobe speed
- 05 - Adjusts the auto program – use the ‘+’ and ‘-’ buttons to select the desired program
- 06 - Adjusts the auto speed/sound sensitivity – use the ‘+’ and ‘-’ buttons to select the desired speed/sensitivity level
- 07 - Adjusts the strobe speed – use the ‘+’ and ‘-’ buttons to select the desired strobe speed



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:

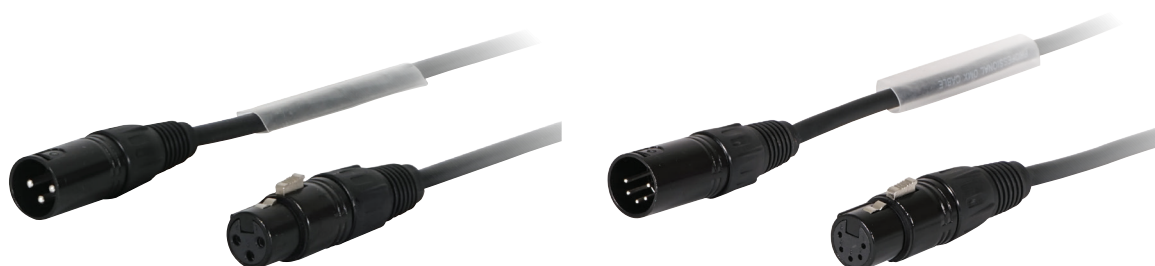
DMX (Digital Multiplex) is a universal protocol used as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA “IN” and DATA “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 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.

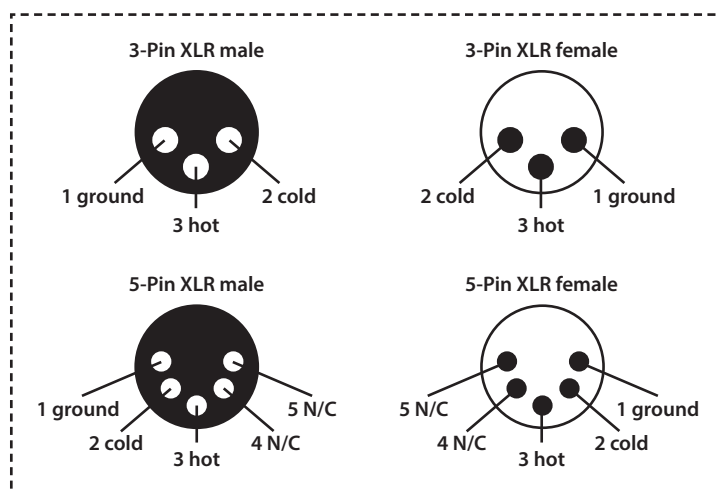
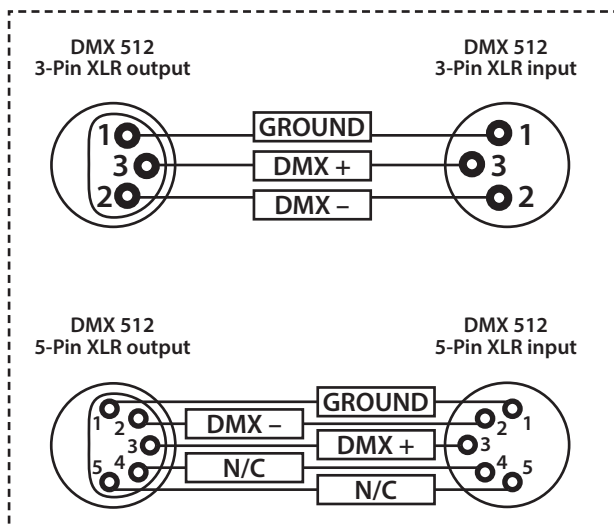
Please quote:	3-Pin:	CABL10 – 2m	CABL11 – 5m	CABL12 – 10m
	5-Pin:	CABL185 – 2m	CABL187 – 5m	CABL188 – 10m

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



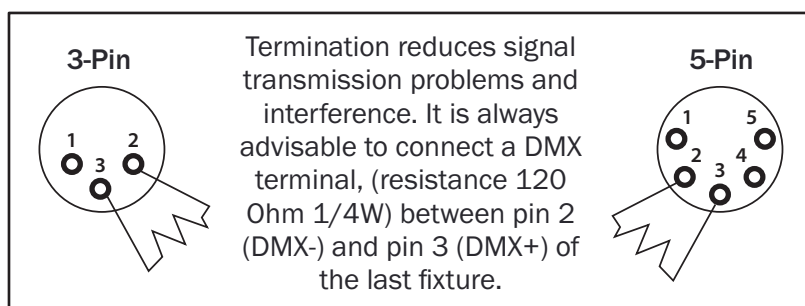
Line termination:

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.

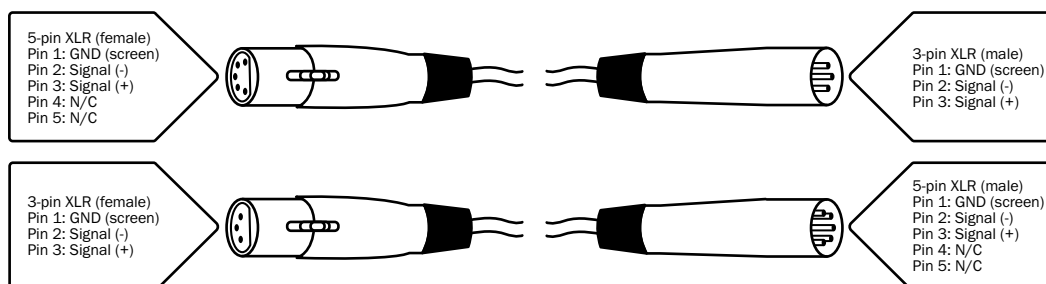
(3-pin - Order ref: CABL90,

5-pin - Order ref: CABL89)



5-pin XLR DMX connectors:

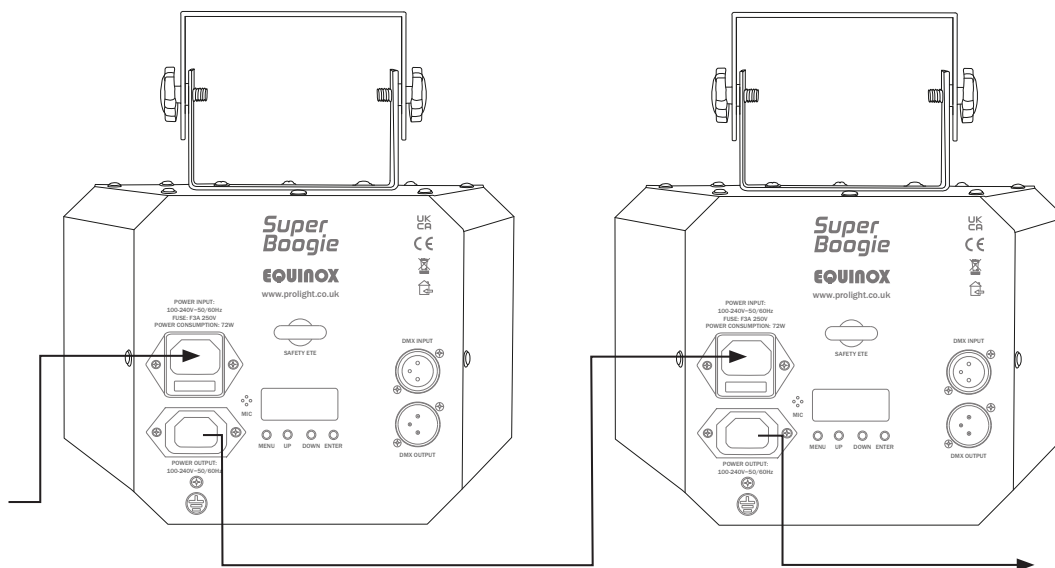
Some manufactures use 5-pin XLR connectors for data transmission in place of 3-pin. 5-pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors in to a 3-pin line a cable adaptor must be used. The diagram below details the correct cable conversion.



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 20 fixtures @ 240V or 10 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 Super Boogie 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.