EQUINOX

Gigabar FX1 Bar System

User Manual

Order code: EQLED067

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!!

CAUTION!
LASER LIGHT - AVOID DIRECT EYE EXPOSURE
CLASS 3R LASER

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!

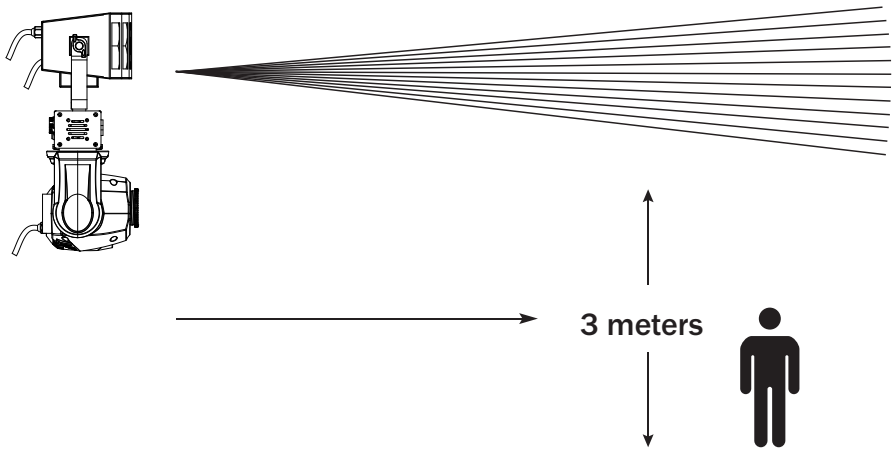
Incorrect installation or use can cause serious damage to people and/or property.

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.

Proper Usage

This product is for overhead use only. For safety purposes, we recommend mounting lighting effect products with lasers, on level surfaces or sturdy overhead supports using suitable hanging clamps and safety cables.
Please contact us for more information on appropriate mounting hardware.

International laser safety regulations state that laser products must be operated as per the example below; with a minimum of 3m (9.8ft) vertical distance between the floor and the lowest laser.
Additionally, 3m of horizontal distance is required between laser and the audience or other surroundings.



CAUTION: Laser radiation

Avoid pointing directly towards eyes. Laser output can cause injury if viewed directly. This product is a Class 3R laser and should only be installed and used by persons who are trained in the management of laser radiation and are able to operate in accordance with the guidance given by the Health and Safety Executive (HSE) in “The Safety of Laser Lighting Displays”. Information on this guidance can be found on the following website: https://www.hse.gov.uk/pubns/indg224.htm

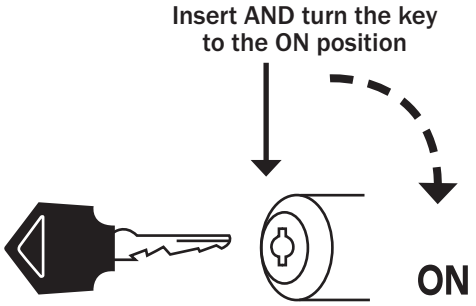
Laser Key

This product is supplied with a key to prevent the laser being operated unless the key is turned to the **ON** position.

For the laser to function you must;

- Insert the laser key and turn it to the **ON** position.

ALWAYS turn the key to the **OFF** position and remove it key before leaving this product unattended to avoid accidents/injuries.



Gigabar FX1 Bar System

The Equinox Gigabar FX1 is a multi-function 5-in-1 lighting bar that combines par, moving head, derby, strobe and laser effects to deliver dynamic light shows, effectively covering large areas. It features a variety of built-in shows accessible via the on board menu, foot controller or included IR remote, facilitating straightforward plug-and-play operation. For advanced users, multiple DMX modes provide individual control over each effect. Two carry bags are included with the system to ensure for safe transportation.

Par:

- 3 x 8W quad-colour COB LEDs (RGBW)
- Beam angle: 20°

Moving Head:

- 1 x 30W white LED (7000K)
- Beam angle: 11°
- Gobo wheel: 7 static gobos + open
- Colour wheel: 7 colours + open
- Manual focus
- Pan: 540°, Tilt: 235°

Derby:

- 3 x 8W quad-colour COB LEDs (RGBW)
- Beam angle: 3° (per beam)

Strobe:

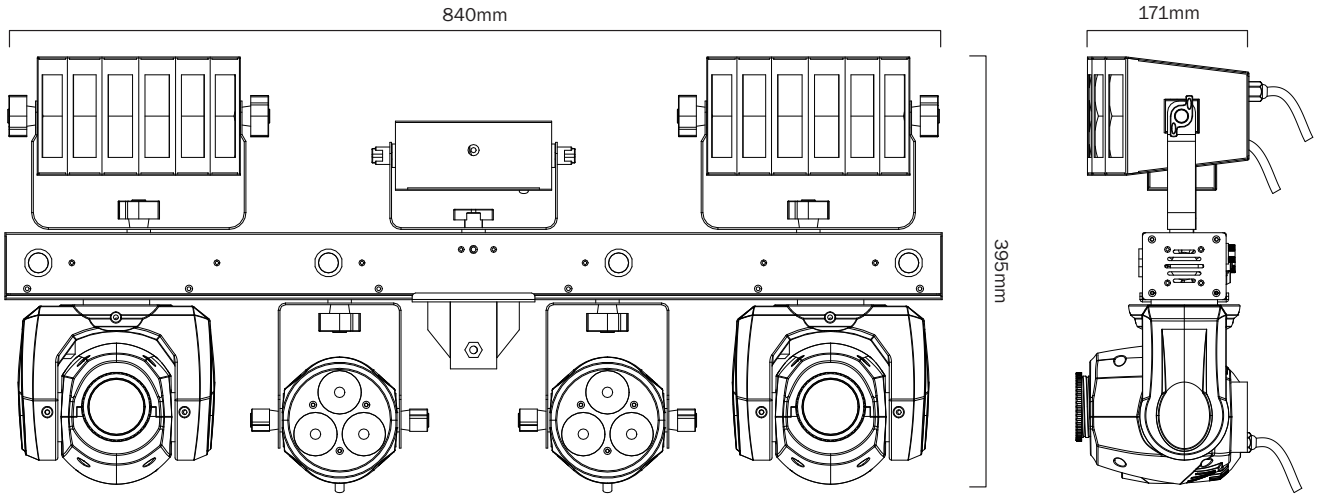
- 4 x 1W white LEDs (8500K)
- Beam angle: 50°

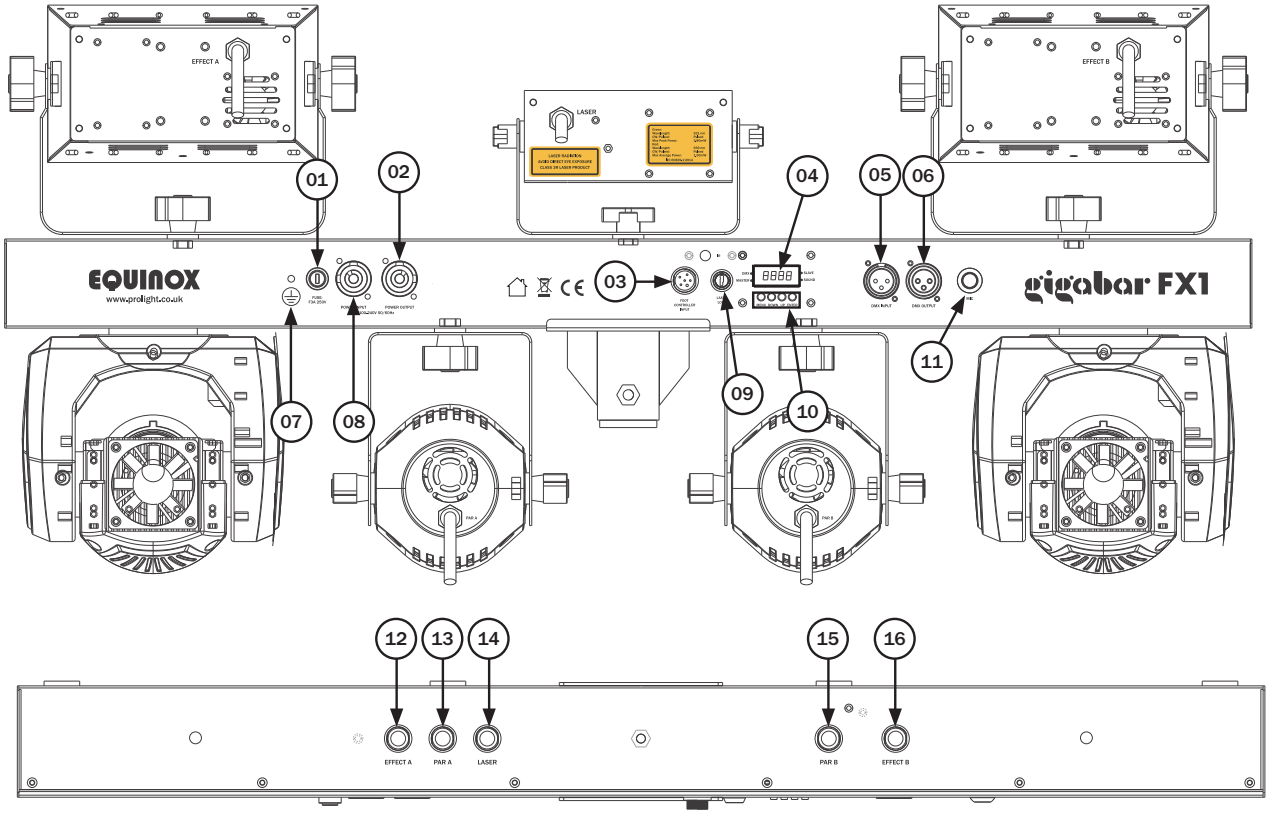
Laser:

- 638nm/100mW (red) laser diode, 515nm/30mW (green) laser diode

- DMX channels: 3/19 or 34 selectable
- Auto, sound active and primary/secondary modes
- 0 - 100% dimming
- Variable strobe
- 4 button menu with LED digital display
- PowerTwist input/output
- 3-Pin XLR input/output
- 5-Pin input for included foot controller
- Height adjustable stand included
- Carry bags included
- Fan cooled
- Supplied with IR remote

Specifications	Gigabar FX1 Bar System
Power consumption	170W
Power supply	100~240V, 50/60Hz
Fuse	F3A 250V
Dimensions	395 x 840 x 171mm (without stand)
Dimensions	1820-2640mm (stand hight)
Weight	16.5kg
Order code	EQLED067





01 - Fuse: F3A 250V
02 - PowerTwist output
03 - Foot controller input
04 - LED display
05 - 3-Pin DMX input
06 - 3-Pin DMX output
07 - Earth point
08 - PowerTwist input
09 - Laser lock
10 - Function buttons
11 - Microphone
12 - Effect A output
13 - Par A output
14 - Laser output
15 - Par B output
16 - Effect B output

In the box:
1 x fixture, 1 x stand,
1 x foot controller,
1 x IR remote, 1 x hard case,
1 x stand bag &
1 x power cable

DMX:

To setup and control your light by an external DMX controller:

Press "**MENU**" until Addr is shown on the display. Press "**ENTER**" and use "**UP**" and "**DOWN**" to set the required DMX address. To change the DMX channel mode, press "**MENU**" until Chnd shown on the display. Press "**ENTER**" and use "**UP**" and "**DOWN**" to choose one of the 3/19 or 34 DMX channel modes (full DMX charts can be found on pages 8-13).
Press the "**ENTER**" button to confirm the settings.

Now connect your DMX controller to the fixtures DMX input via a 3-Pin DMX cable.

Show modes:

To use one of the fixtures built-in programs:

Press "**MENU**" until Auto shown on the display. Now press "**ENTER**" and use "**UP**" and "**DOWN**" to choose between Au00 ~ Au28. To change the speed, use "**UP**" and "**DOWN**" to show SPEd. Now press "**ENTER**" and use "**UP**" and "**DOWN**" to choose between SP00 ~ SP99.

If you would like the fixture to change to the beat of the music:

Press "**MENU**" until SoUn shown on the display. Now press "**ENTER**" and use "**UP**" and "**DOWN**" to select on.To adjust the sound sensitivity, press "**MENU**" until SEnS is shown on the display. Now press "**ENTER**" and use "**UP**" and "**DOWN**" to choose between 1 ~ 100.
(1 = low, 100 = high)

Press the "**ENTER**" button to confirm any of the above settings.

Linking multiple fixtures (primary/secondary):

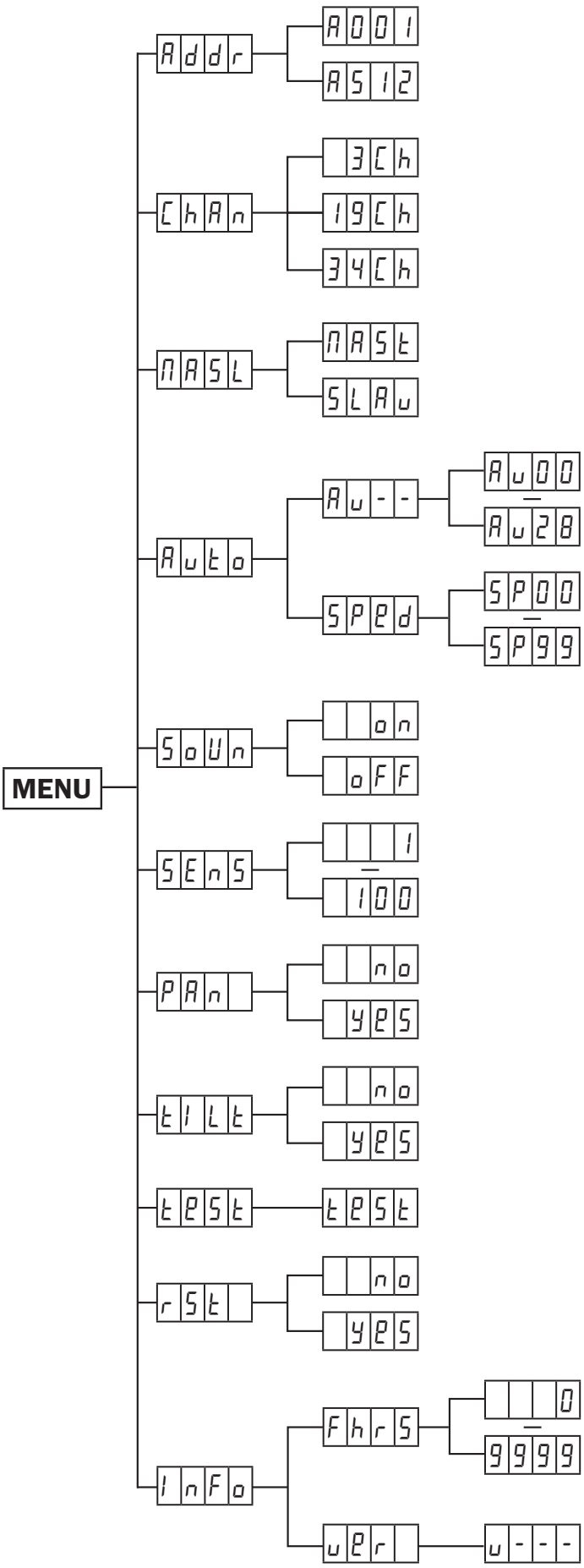
To link multiple fixtures together:

Connect the fixtures together with a 3-Pin DMX cable.

On the primary unit, press "**MENU**" until MASL is shown on the display.
Press "**ENTER**" and use "**UP**" and "**DOWN**" to select MASt.
Now select your desired program (auto or sound) as shown above.

On the secondary unit(s), press "**MENU**" until MASL is shown on the display.
Press "**ENTER**" and use "**UP**" and "**DOWN**" to select SLAu.
The unit will now run in sequence with the primary unit.

Ensure all secondary units are set to the same DMX settings as the primary unit.



DMX address setting

Channel modes

Primary/secondary mode

Auto modes

Auto mode speed

Sound active mode

Sound sensitivity

Moving head pan invert

Moving head tilt invert

Auto test

Factory reset

Fixture hours

Software version

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 to show Addr.
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 access the DMX channel mode, press the "**MENU**" button to show ChnD. Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to choose one of the 3/19 or 34 DMX channel modes.
Press the "**ENTER**" button to confirm the setting.

3 channel mode:

Channel	Value	Function	
CH1	000-009	No function	Effect mode
	010-119	Auto mode 1	
	120-229	Auto mode 2	
	230-234	Sound mode 1	
	235-239	Sound mode 2	
	240-255	Show modes (see CH2)	
CH2	**Show modes**		
	000-009	No function	
	010-019	Par + Derby + Laser + Strobe	Show 1
	020-029	Par + Derby + Laser + Moving head	Show 2
	030-039	Par + Derby + Strobe + Moving head	Show 3
	040-049	Par + Laser + Strobe + Moving head	Show 4
	050-059	Derby + Laser + Strobe + Moving head	Show 5
	060-069	Par + Derby Light + Laser	Show 6
	070-079	Par + Derby + Strobe	Show 7
	080-089	Par + Derby + Moving head	Show 8
	090-099	Par + Laser + Strobe	Show 9
	100-109	Par + Laser + Moving head	Show 10
	110-119	Par + Strobe + Moving head	Show 11
	120-129	Par + Derby Lights	Show 12

Channel	Value	Function	
CH2 (cont.)	130-139	Par + Laser	Show 13
	140-149	Par + Strobe	Show 14
	150-159	Par + Moving head	Show 15
	160-169	Derby + Laser	Show 16
	170-179	Derby + Strobe	Show 17
	180-189	Derby + Moving head	Show 18
	190-199	Laser + Strobe	Show 19
	200-209	Laser + Moving head	Show 20
	210-219	Strobe + Moving head	Show 21
	220-226	Par	Show 22
	227-233	Derby	Show 23
	234-240	Laser	Show 24
	241-247	Strobe	Show 25
	248-255	Moving head	Show 26
CH3	000-249	Auto speed (slow-fast)	Speed and sound active
	250-255	Sound active	

19 channel mode:

Channel	Value	Function	
CH1	000-255	Red dimmer (0-100%)	Par and Derby
CH2	000-255	Green dimmer (0-100%)	
CH3	000-255	Blue dimmer (0-100%)	
CH4	000-255	White dimmer (0-100%)	
CH5	000-127	Master dimmer (0-100%)	
	128-239	Strobe (slow-fast)	
	240-249	Sound active strobe	
	250-255	Full on (RGBW)	
CH6	000-127	Derby 0-360° index	Derby rotation
	128-255	Derby continuous rotation (slow-fast)	
CH7	000-010	No function	Red laser
	011-020	Red laser on	
	021-255	Strobe (slow-fast)	
CH8	000-010	No function	Green laser
	011-020	Green laser on	
	021-255	Strobe (slow-fast)	
CH9	000-004	No function	Laser rotation
	005-127	Clockwise rotation (slow-fast)	
	128-133	No function	
	134-255	Anti-clockwise rotation (slow-fast)	
CH10	000-054	Dimmer (0-100%)	Strobe
	055-255	Strobe (slow-fast)	
CH11	000-255	Pan (540°)	Moving head
CH12	000-255	Tilt (235°)	
CH13	000-255	Dimmer (0-100%)	
CH14	000-255	Strobe (slow-fast)	
CH15	000-007	Open	
	008-014	Red	
	015-021	Orange	
	022-028	Yellow	
	029-035	Green	
	036-042	Blue	
	043-049	Cyan	
	050-056	Magenta	

Channel	Value	Function	
CH15 (cont.)	057-066	Open/Red	Moving head
	067-076	Red/Orange	
	077-086	Orange/Yellow	
	087-096	Yellow/Green	
	097-106	Green/Blue	
	107-116	Blue/Cyan	
	117-127	Cyan/Magenta	
	128-189	Colour wheel rotation clockwise (fast-slow)	
	190-193	Colour wheel rotation stop	
	194-255	Colour wheel rotation anti-clockwise (slow-fast)	
CH16	000-007	Gobo 1	
	008-015	Gobo 2	
	016-023	Gobo 3	
	024-031	Gobo 4	
	032-039	Gobo 5	
	040-047	Gobo 6	
	048-055	Gobo 7	
	056-063	Gobo 8	
	064-071	Gobo 1 shake	
	072-079	Gobo 2 shake	
	080-087	Gobo 3 shake	
	088-095	Gobo 4 shake	
	096-103	Gobo 5 shake	
	104-111	Gobo 6 shake	
	112-119	Gobo 7 shake	
	120-127	Gobo 8 shake	
	128-189	Gobo wheel rotation, clockwise (fast-slow)	
	190-193	Gobo wheel rotation stop	
	194-255	Gobo wheel rotation, anti-clockwise (slow-fast)	
CH17	000-009	No Function	Effect mode
	010-119	Auto mode 1	
	120-229	Auto mode 2	
	230-234	Sound mode 1	
	235-239	Sound mode 2	
	240-255	Show modes (see CH18)	

19 channel mode (cont.):

Channel	Value	Function	
	000-009	No function	
	010-019	Par + Derby + Laser + Strobe	Show 1
	020-029	Par + Derby + Laser + Moving head	Show 2
	030-039	Par + Derby + Strobe + Moving head	Show 3
	040-049	Par + Laser + Strobe + Moving head	Show 4
	050-059	Derby + Laser + Strobe + Moving head	Show 5
	060-069	Par + Derby Light + Laser	Show 6
	070-079	Par + Derby + Strobe	Show 7
	080-089	Par + Derby + Moving head	Show 8
	090-099	Par + Laser + Strobe	Show 9
	100-109	Par + Laser + Moving head	Show 10
	110-119	Par + Strobe + Moving head	Show 11
	120-129	Par + Derby Lights	Show 12
	130-139	Par + Laser	Show 13
	140-149	Par + Strobe	Show 14
	150-159	Par + Moving head	Show 15
	160-169	Derby + Laser	Show 16
	170-179	Derby + Strobe	Show 17
	180-189	Derby + Moving head	Show 18
	190-199	Laser + Strobe	Show 19
	200-209	Laser + Moving head	Show 20
	210-219	Strobe + Moving head	Show 21
	220-226	Par	Show 22
	227-233	Derby	Show 23
	234-240	Laser	Show 24
	241-247	Strobe	Show 25
	248-255	Moving head	Show 26
CH19	000-249	Auto speed (slow-fast)	Speed and sound active
	250-255	Sound active	

34 channel mode:

Channel	Value	Function	
CH1	000-255	Red dimmer (0-100%)	Par 1
CH2	000-255	Green dimmer (0-100%)	
CH3	000-255	Blue dimmer (0-100%)	
CH4	000-255	White dimmer (0-100%)	
CH5	000-127	Master dimmer (0-100%)	
	128-239	Strobe (slow-fast)	
	240-249	Sound active strobe	
	250-255	Full on (RGBW)	
CH6	000-255	Red dimmer (0-100%)	Par 2
CH7	000-255	Green dimmer (0-100%)	
CH8	000-255	Blue dimmer (0-100%)	
CH9	000-255	White dimmer (0-100%)	
CH10	000-127	Master dimmer (0-100%)	
	128-239	Strobe (slow-fast)	
	240-249	Sound active strobe	
	250-255	Full on (RGBW)	
CH11	000-007	No function	Derby 1
	008-015	Red	
	016-023	Green	
	024-031	Blue	
	032-039	White	
	040-047	Red+Green	
	048-055	Red+Blue	
	056-063	Red+White	
	064-071	Green+Blue	
	072-079	Green+White	
	080-087	Blue+White	
	088-095	Red+Green+Blue	
	096-103	Red+Green+White	
	104-111	Red+Blue+White	
	112-119	Green+Blue+White	
	120-127	Red+Green+Blue+White	
	128-189	Colour change (slow-fast)	
	190-255	Colour fade (slow-fast)	
CH12	000-127	Master dimmer (0-100%)	
	128-239	Strobe (slow-fast)	
	240-249	Sound active strobe	
	250-255	Full on (RGBW)	
CH13	000-127	Derby 0-360° index	
	128-255	Derby continuous rotation (slow-fast)	

Channel	Value	Function	
CH14	000-007	No function	Derby 2
	008-015	Red	
	016-023	Green	
	024-031	Blue	
	032-039	White	
	040-047	Red+Green	
	048-055	Red+Blue	
	056-063	Red+White	
	064-071	Green+Blue	
	072-079	Green+White	
	080-087	Blue+White	
	088-095	Red+Green+Blue	
	096-103	Red+Green+White	
	104-111	Red+Blue+White	
	112-119	Green+Blue+White	
	120-127	Red+Green+Blue+White	
	128-189	Colour change (slow-fast)	
	190-255	Colour fade (slow-fast)	
CH15	000-127	Master dimmer (0-100%)	
	128-239	Strobe (slow-fast)	
	240-249	Sound active strobe	
	250-255	Full on (RGBW)	
CH16	000-127	Derby 0-360° index	
	128-255	Derby continuous rotation (slow-fast)	
CH17	000-039	No function	Laser
	040-079	Red laser	
	080-119	Green laser	
	120-159	Red+Green laser	
	160-199	Green laser on, Red laser flash	
	200-239	Red laser on, Green laser flash	
	240-255	Red and green lasers alternate	
CH18	000-009	No function	
	010-239	Strobe (slow-fast)	
	240-255	Sound control strobe	
CH19	000-099	Laser rotation (fast-slow)	
	100-109	Laser rotation stop	
	110-209	Laser rotation (fast-slow)	
	210-255	Sound control	

34 channel mode (cont.):

Channel	Value	Function	
CH20	000-009	No function	Strobe
	010-039	Effect 1	
	040-069	Effect 2	
	070-099	Effect 3	
	100-129	Effect 4	
	130-159	Effect 5	
	160-189	Effect 6	
	190-219	Effect 7	
	220-237	Effect 8	
	238-255	Effect 9 (Sound active)	
CH21	000-255	Dimmer (0-100%)	
CH22	000-255	Effect speed (slow-fast)	
CH23	000-255	Pan (540°)	Moving head 1
CH24	000-255	Tilt (235°)	
CH25	000-255	Dimmer (0-100%)	
CH26	000-255	Strobe (slow-fast)	
CH27	000-007	Open	
	008-014	Red	
	015-021	Orange	
	022-028	Yellow	
	029-035	Green	
	036-042	Blue	
	043-049	Cyan	
	050-056	Magenta	
	057-066	Open/Red	
	067-076	Red/Orange	
	077-086	Orange/Yellow	
	087-096	Yellow/Green	
	097-106	Green/Blue	
	107-116	Blue/Cyan	
	117-127	Cyan/Magenta	
	128-189	Colour wheel rotation clockwise (fast-slow)	
	190-193	Colour wheel rotation stop	
	194-255	Colour wheel rotation anti-clockwise (slow-fast)	
CH28	000-007	Open	
	008-015	Gobo 1	
	016-023	Gobo 2	
	024-031	Gobo 3	
	032-039	Gobo 4	

Channel	Value	Function	
CH28 (cont.)	040-047	Gobo 5	Moving head 1
	048-055	Gobo 6	
	056-063	Gobo 7	
	064-071	Open shake	
	072-079	Gobo 1 shake	
	080-087	Gobo 2 shake	
	088-095	Gobo 3 shake	
	096-103	Gobo 4 shake	
	104-111	Gobo 5 shake	
	112-119	Gobo 6 shake	
	120-127	Gobo 7 shake	
	128-189	Gobo wheel rotation (fast-slow)	
	190-193	Gobo wheel rotation stop	
	194-255	Gobo wheel rotation (slow-fast)	
CH29	000-255	Pan (540°)	Moving head 2
CH30	000-255	Tilt (235°)	
CH31	000-255	Dimmer (0-100%)	
CH32	000-255	Strobe (slow-fast)	
CH33	000-007	Open	
	008-014	Red	
	015-021	Orange	
	022-028	Yellow	
	029-035	Green	
	036-042	Blue	
	043-049	Cyan	
	050-056	Magenta	
	057-066	Open/Red	
	067-076	Red/Orange	
	077-086	Orange/Yellow	
	087-096	Yellow/Green	
	097-106	Green/Blue	
	107-116	Blue/Cyan	
	117-127	Cyan/Magenta	
	128-189	Colour wheel rotation clockwise (fast-slow)	
	190-193	Colour wheel rotation stop	
	194-255	Colour wheel rotation anti-clockwise (slow-fast)	

34 channel mode (cont.):

Channel	Value	Function	
CH34	000-007	Open	Moving head 2
	008-015	Gobo 1	
	016-023	Gobo 2	
	024-031	Gobo 3	
	032-039	Gobo 4	
	040-047	Gobo 5	
	048-055	Gobo 6	
	056-063	Gobo 7	
	064-071	Open shake	
	072-079	Gobo 1 shake	
	080-087	Gobo 2 shake	
	088-095	Gobo 3 shake	
	096-103	Gobo 4 shake	
	104-111	Gobo 5 shake	
	112-119	Gobo 6 shake	
	120-127	Gobo 7 shake	
	128-189	Gobo wheel rotation (fast-slow)	
	190-193	Gobo wheel rotation stop	
	194-255	Gobo wheel rotation (slow-fast)	

Primary/secondary mode:

To set the primary unit press the "**MENU**" button to show MASL. Press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to show MASt.
Press the "**ENTER**" button to confirm the setting. Now select your desired program (auto or sound).
To set the other units in secondary mode, press the "**MENU**" button to show SLAu.
Press the "**ENTER**" button to confirm the setting. The unit will now run in sequence with the primary unit.
Please ensure that all slave units are set to the same DMX channel mode as the master unit.

Auto mode:

To access the auto modes, press the "**MENU**" button and use the "**UP**" and "**DOWN**" buttons on the rear of the unit to show Auto. Now press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to choose between Au00 ~ Au28. Press the "**ENTER**" button to confirm the setting.
Use the "**UP**" and "**DOWN**" buttons to show SPEd. Now press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to choose between SP00 ~ SP99.
Press the "**ENTER**" button to confirm the setting.

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. Now press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to choose between on or oFF. Press the "**ENTER**" button to confirm the setting.

Sound sensitivity:

To adjust the sound sensitivity, press the "**MENU**" button and use the "**UP**" and "**DOWN**" buttons on the rear of the unit to show SEnS on the LED display. Now press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to choose between 1 ~ 100. Press the "**ENTER**" button to confirm the setting.
Value: 1 - 100 (1 = low, 100 = high)

Pan invert setting:

To access the moving head pan invert setting, press the "**MENU**" button and use the "**UP**" and "**DOWN**" buttons on the rear of the unit to show PAn. Now press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to choose between no or YES. Press the "**ENTER**" button to confirm the setting.

Tilt invert setting:

To access the moving head tilt invert setting, press the "**MENU**" button and use the "**UP**" and "**DOWN**" buttons on the rear of the unit to show tILt. Now press the "**ENTER**" button and use the "**UP**" and "**DOWN**" buttons to choose between no or YES. Press the "**ENTER**" button to confirm the setting.
To exit out of any of the above options, press the "**MENU**" button.

Fixture test:

To access the fixture test setting, press the "**MENU**" button and use the "**UP**" and "**DOWN**" buttons on the rear of the unit to show tEST. Now press the "**ENTER**" button.
The unit will now run through its test sequence. Press the "**MENU**" button to exit the test sequence.

Factory reset:

To perform a factory reset, press the "**MENU**" button and use the "**UP**" and "**DOWN**" buttons on the rear of the unit to show rSt. Now press the "**ENTER**" button to perform the reset.

Fixture hours:

To display the amount of time the fixture has been used for, press the "**MENU**" button and use the "**UP**" and "**DOWN**" buttons on the rear of the unit to show FHrS.
Now press the "**ENTER**" button and the number of hours used will be displayed.

Software version:

To display the software version, press the "**MENU**" button and use the "**UP**" and "**DOWN**" buttons on the rear of the unit to show uPr.
Now press the "**ENTER**" button and the software version number will be displayed.

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

IR remote functions:

01 - **BLACKOUT** – Press this button to turn blackout on/off

02 - **AUTO** – Press this button to enter the auto modes – this will enter the last auto mode used, you can now use the **+** or **–** buttons to go through the auto modes

03 - **SOUND** – Press this button to turn sound on or off

04 - **STROBE** – Press this button to activate the strobe – you can now use the **+** or **–** buttons to select the strobe speed

05 - **SPEED** – Press this button when in auto mode - you can now use the **+** or **–** buttons to select the speed (press and hold to go through values quicker)

06 - **SENS** – Press this button to select the sound sensitivity value - you can now use the **+** or **–** buttons to select the sound sensitivity (press and hold to go through values quicker)

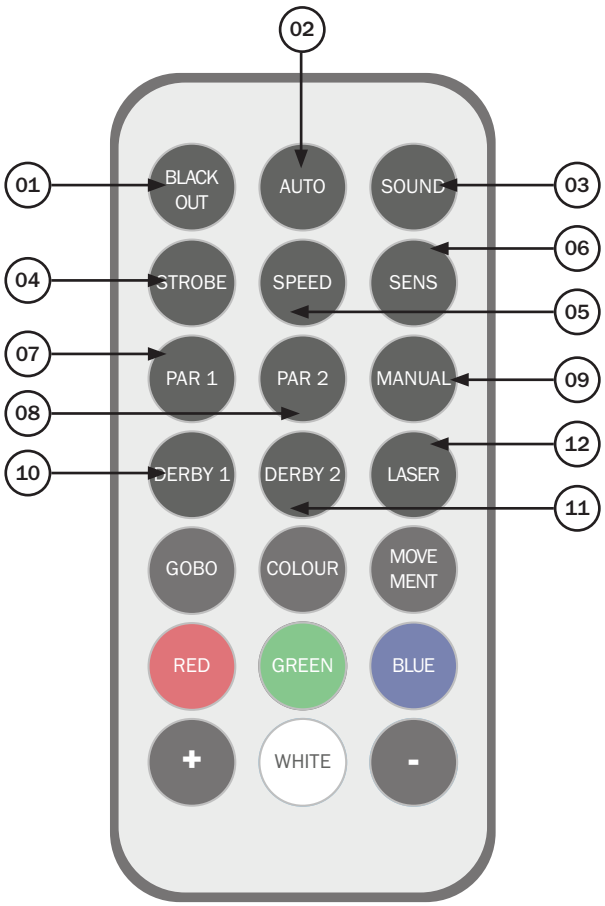
07 - **PAR 1** – Press this button to enable/disable the par 1 colour - you can now use the **+** or **–** buttons to select the colour (see colours below)

08 - **PAR 2** – Press this button to enable/disable the par 2 colour - you can now use the **+** or **–** buttons to select the colour (see colours below)

09 - **MANUAL** – Press this button to enable/disable the colour of all pars and derbys together - you can now use the **+** or **–** buttons to select the colour (see colours below)

10 - **DERBY 1** – Press this button to enable/disable the Derby 1 colour - you can now use the **+** or **–** buttons to select the colour (see colours below)

11 - **DERBY 2** – Press this button to enable/disable the Derby 2 colour - you can now use the **+** or **–** buttons to select the colour (see colours below)



COLOURS

- Red
- Green
- Blue
- White
- Red+Green
- Red+Blue
- Red+White
- Green+Blue
- Green+White
- Blue+White
- Red+Green+Blue
- Red+Green+White
- Red+Blue_White
- Green+Blue+White
- Red+Green+Blue+White

12 - **LASER** – Press this button to enable/disable the laser - you can now use the **+** or **–** buttons to select;

- Red laser
- Green laser
- Red+green laser
- Green laser on, red laser flash
- Red laser on, green laser flash
- Red and green lasers on alternatively

If speed is pressed after laser then you can select the laser rotation speed with the **+** or **–** button

IR remote functions:

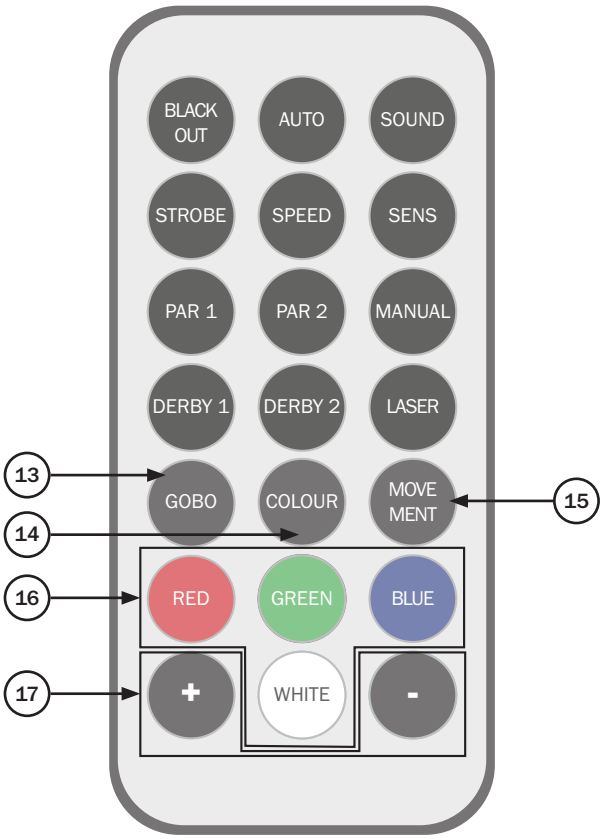
13 - **GOBO** – Press this to change the gobo in the moving heads - you can now use the **+** or **–** buttons to select the gobo

14 - **COLOUR** – Press this to enable/disable the LED in the moving heads - you can now use the **+** or **–** buttons to select the colour

15 - **MOVEMENT** – Press this to enable/disable the movement in the moving heads - you can now use the **+** or **–** buttons to select the movement speed

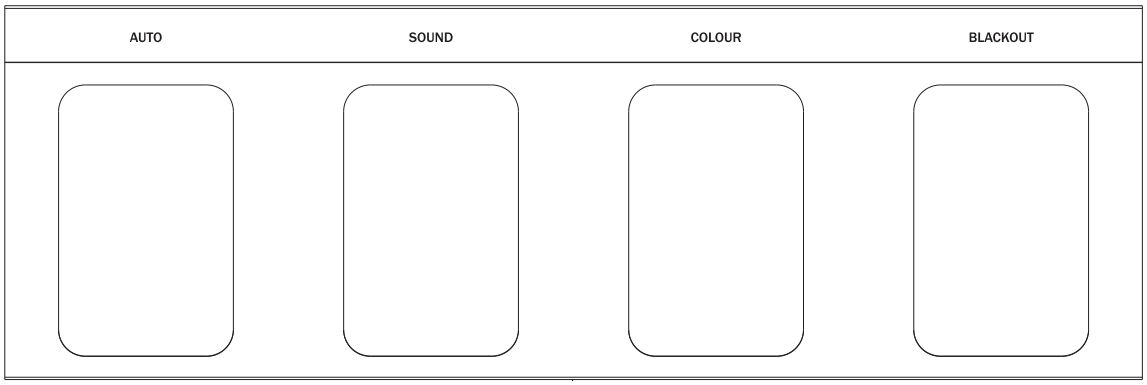
16 - **RED** – press this button to enable red on all pars and derbys, you now can use the **+** or **–** buttons to select the value of red between 000-255 (press and hold to go through values quicker)
GREEN – press this button to enable green on all pars and derbys, you now can use the **+** or **–** buttons to select the value of red between 000-255 (press and hold to go through values quicker)
BLUE – press this button to enable blue on all pars and derbys, you now can use the **+** or **–** buttons to select the value of red between 000-255 (press and hold to go through values quicker)
WHITE – press this button to enable white on all pars and derbys, you now can use the **+** or **–** buttons to select the value of red between 000-255 (press and hold to go through values quicker)

17 - **+** and **–** buttons – to adjust all the settings as detailed above



Operating the foot controller:

This foot controller is made specially for the Gigabar FX1 Bar system.
Many of the built-in programs can be accessed via the 4 foot switches.



Auto/sound mode:

To access the show modes via the foot controller, press the "**AUTO**" button on the foot controller. Au00 will be displayed on the fixtures LED display.
Now press the "**AUTO**" button until the desired show is selected (shows 0-28).

To enable sound active in the current show mode press the "**SOUND**" button on the foot controller.
To select another show mode with sound enabled press the "**SOUND**" button until the desired show is selected (shows 0-28).
To disable sound activation in the current show mode press the "**AUTO**" button on the foot controller once.

Static colour mode:

To set the unit in static colour mode via the foot controller, press the "**COLOUR**" button on the foot controller. co00 will be displayed on the fixtures LED display.
Now press the "**COLOUR**" button until the desired colour is selected (colours 01-15).

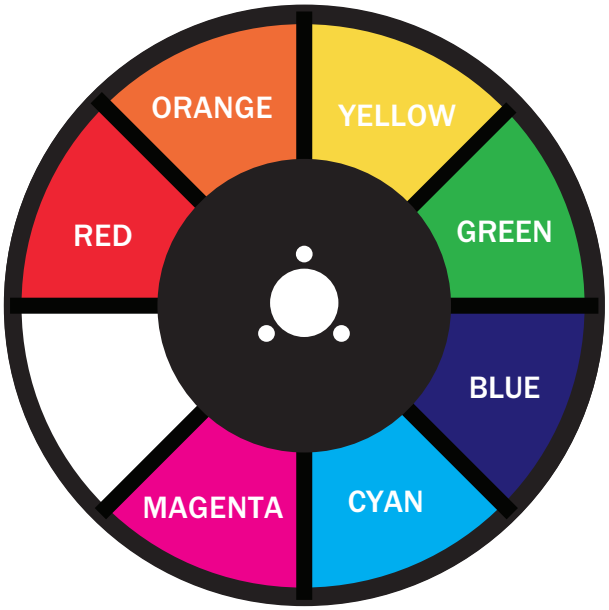
co01 - Red
co02 - Green
co03 - Blue
co04 - White
co05 - Yellow
co06 - Magenta
co07 - Salmon
co08 - Cyan
co09 - Mint
co 10 - Light blue
co 11 - White (RGB)
co 12 - Warm white
co 13 - Pale pink
co 14 - Baby blue
co 15 - White (RGBW)

Blackout:

To activate blackout, press the "**BLACKOUT**" foot switch. Once pressed, the unit will blackout.
To disable backout, press the "**BLACKOUT**" foot switch again.

Static gobos (moving heads):

Colour wheel (moving heads):



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

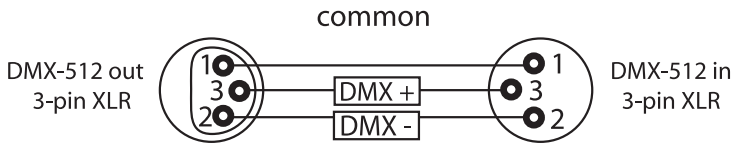
Further DMX cables can be purchased from all good sound and lighting suppliers or Prolight Concepts dealers.

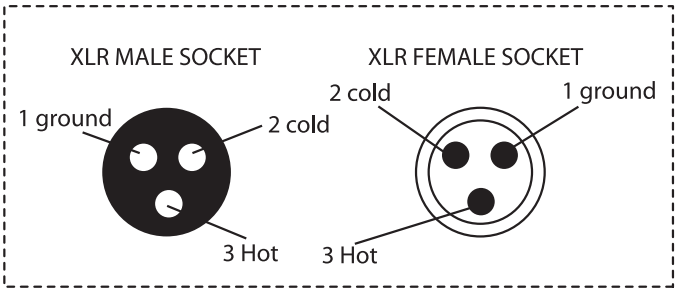
Please quote:
CABL10 – 2m
CABL11 – 5m
CABL12 –10m

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 = Postive

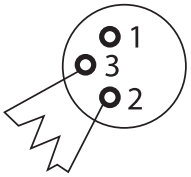
Special note:

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.

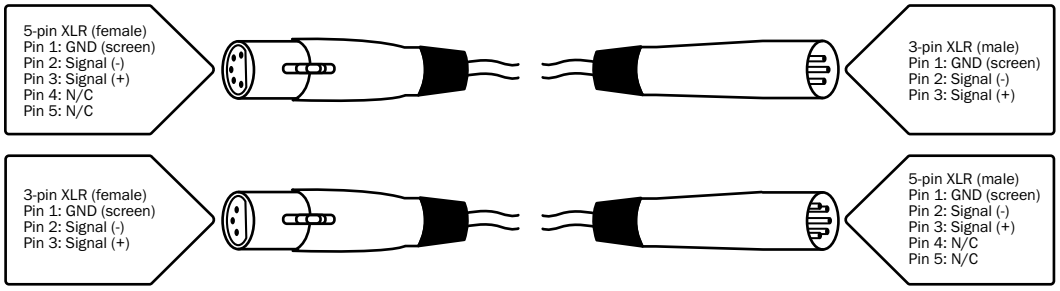
(3-pin - Order ref: CABL90, 5-pin - Order ref: CABL89)



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:

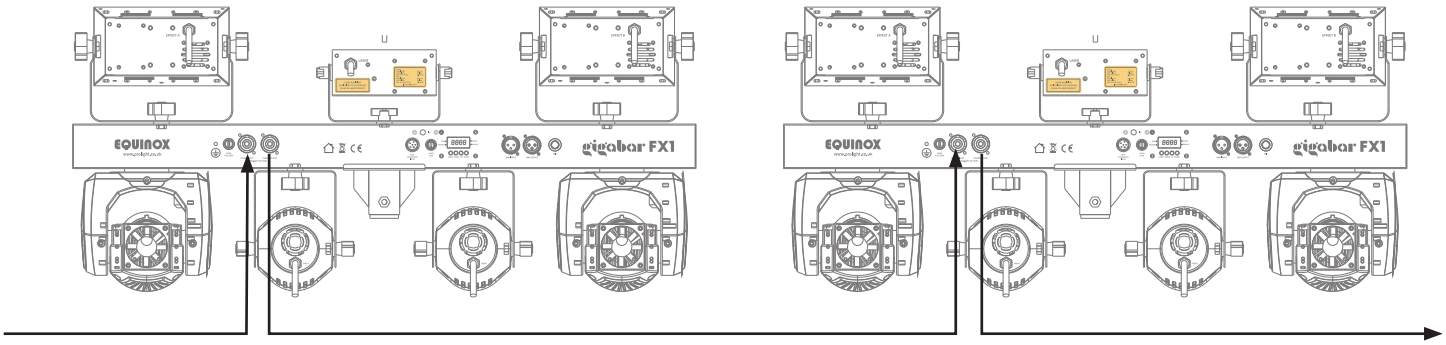
Some manufactures use 5-pin XLR connectors for data transmission in place of 3-pin. 5-pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors in to a 3-pin line a cable adaptor must be used. The diagram below details the correct cable conversion.



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 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 Gigabar FX1 Bar System 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.