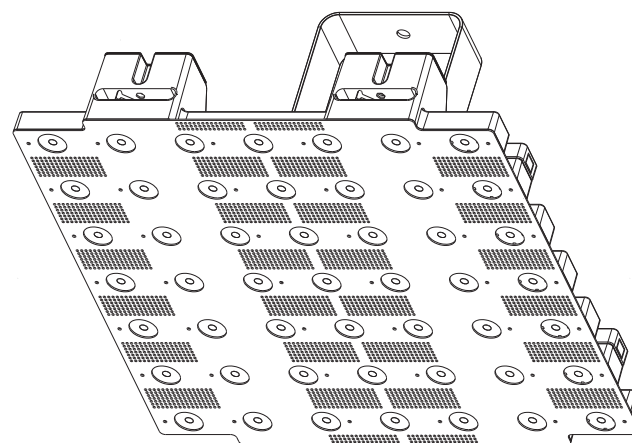




Goldpix 77

PIXEL PANEL - 2800K



USER MANUAL

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- Press the MENU button to go back or to meet the waiting time to exit from the setup menu automatically

FixHours

Show the fixture working hours.

- Press the button MENU so many times until shows **[INFORMATION]**. Press the button ENTER to confirm
- Using the button UP/DOWN to select **[FIXTURE HOURS]**, then press the button ENTER to confirm
- Then the display will show the working hours.
- Press the MENU button to go back or to meet the waiting time to exit from the setup menu automatically

Version

Show the fixture firmware version.

- Press the button MENU so many times until shows **[INFORMATION]**. Press the button ENTER to confirm
- Select through the button UP/DOWN the **[VERSION]** menu voice.
- The display will show the firmware data.
- Press the MENU button to go back or to meet the waiting time to exit from the setup menu automatically.

IP Address

Show the IP Address of fixture.

- Press the button MENU so many times until shows **[INFORMATION]**. Press the button ENTER to confirm
- Select through the button UP/DOWN the **[IP ADDRESS]** menu voice.
- The display will show the IP address.
- Press the MENU button to go back or to meet the waiting time to exit from the setup menu automatically.

Device ID

Show the device ID of fixture.

- Press the button MENU so many times until shows **[INFORMATION]**. Press the button ENTER to confirm
- Select through the button UP/DOWN the **[DEVICE ID]** menu voice.
- The display will show the device ID.
- Press the MENU button to go back or to meet the waiting time to exit from the setup menu automatically.

Temperature

In **[TEMPERATURE]** you can view on the display the temperature of the device.

3.16 ETHERNET SETTING

It is possible to change the Ethernet setting in the following way:

- Press the button MENU so many times until shows **[ETHERNET SETTING]**. Press the button ENTER to confirm.
- Press the button UP/DOWN to select **[PROTOCOL, IP MODE, NET, SUBNET, UNIVERSE, STATIC CHANNEL, ARTNET TO DMX]**.
- Press the ENTER button to proceed.
- Set the value of parameter, through the button UP/DOWN and press the button ENTER to confirm.
- Press the MENU button to go back or to meet the waiting time to exit from the setup menu automatically.

3.13 STATIC CONFIGURATION

For custom setting of device, is possible refer two functions:

Dimmer

- Press the button MENU so many times until show **[STATIC]** and press the button ENTER to confirm.
- Through the button UP/DOWN select **[DIMMER]** and press the button ENTER to confirm.
- Set the value (**000-255**), through the button UP/DOWN.
- Press the button ENTER to confirm

Strobe

- Press the button MENU so many times until show **[STATIC]** and press the button ENTER to confirm.
- Through the button UP/DOWN select **[STROBE]** and press the button ENTER to confirm.
- Set the value (**000-255**), through the button UP/DOWN.

NOTE - In particular, (**000-010**) No function, (**011-255**) slow to fast

3.14 FIXTURE SETTINGS

It is possible to change the parameter value in the following way:

Dimmer

- Enter in Dimmer mode to select specific dimming curve, press the button MENU so many times until shows **[DIMMER MODE]**, and press the button ENTER to confirm.
- Press the button UP/DOWN to select **[Off - DIM1 - DIM2 - DIM3]**.
- Press ENTER button to store.
- Press the MENU button to go back or to meet the waiting time to exit the setup menu.

BackLight

- To activate Backlight display press the button MENU so many times until shows **[BACKLIGHT]**, and press the button ENTER to confirm.
- Press the button UP/DOWN to select **[On - 10S - 20S - 30S]**.
- Press ENTER button to confirm the selection.
- Press the MENU button to go back or to meet the waiting time to exit from the setup menu automatically.

3.15 FIXTURE INFORMATION

Auto Test

Allow checking the proper functioning of the unit. Start the automatic test in the following way:

- Press the button MENU so many times until shows **[INFORMATION]**, then press the ENTER button to confirm.
- Using the button UP/DOWN to select **[AUTO TEST]**.
- To confirm and start the automatic test press the ENTER button.

FixHours

Show the fixture working hours.

- Press the button MENU so many times until shows **[INFORMATION]**. Press the button ENTER to confirm
- Using the button UP/DOWN to select **[FIXTURE HOURS]**, then press the button ENTER to confirm
- Then the display will show the working hours.




WARNING! Before carrying out any operations with the unit, carefully read this instruction manual and keep it with care for future reference. It contains important information about the installation, usage and maintenance of the unit.



SAFETY

General instruction

- The products referred to in this manual conform to the European Community Directives and are therefore marked with CE.
- The unit is supplied with hazardous network voltage (230V~). Leave servicing to skilled personnel only. Never make any modifications on the unit not described in this instruction manual, otherwise you will risk an electric shock.
- Connection must be made to a power supply system fitted with efficient earthing (Class I appliance according to standard EN 60598-1). It is, moreover, recommended to protect the supply lines of the units from indirect contact and/or shorting to earth by using appropriately sized residual current devices.
- The connection to the main network of electric distribution must be carried out by a qualified electrical installer. Check that the main frequency and voltage correspond to those for which the unit is designed as given on the electrical data label.
- This unit is not for home use, only professional applications.
- Never use the fixture under the following conditions:
 - in places subject to vibrations or bumps;
 - in places with a temperature of over 45°C.
- Make certain that no inflammable liquids, water or metal objects enter the fixture.
- Do not dismantle or modify the fixture.
- All work must always be carried out by qualified technical personnel. Contact the nearest sales point for an inspection or contact the manufacturer directly.
- If the unit is to be put out of operation definitively, take it to a local recycling  plant for a disposal which is not harmful to the environment.

Warnings and installation precautions

- This equipment is reserved for professional use. It is not intended for domestic use.
- The unit for indoor use only. To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
- If this device will be operated in any way different to the one described in this manual, it may suffer damage and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short circuit, burns, electric shock, etc.
- Always inspect the mechanical and electrical parts of **GOLDPIX 77** equipment before fitting to check they are not damaged. Do not operate the product if you see damage. If the part is damaged, it has to be replaced by a qualified technician.
- Don't connect the device to a dimmer pack.
- Before starting any maintenance work or cleaning the fixture, cut off power from the main supply.
- Never attach to product other equipment different **GOLDPIX 77** accessories.
- Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- Keep any inflammable material at a safe distance from the fixture.
- Make sure that the power-cord is never crimped or damaged. Check the device and the power cord from time to time. If the external cable is damaged, it has to be replaced by a qualified technician.

- 1 - INTRODUCTION

GOLDPIX 77 is a pixel mappable LED matrix that projects powerful, tight warm white beams.

1.1 FEATURES

- 49 x 3W Warm White LEDs (Cree)
- 2800K color temp that mimics the look and feel of classic halogen
- Tight beam angle produces maximum throw
- 7 x 7 pixel matrix projects 3D beam effects
- Selectable dimming curves
- Built for touring with durable construction
- Excellent heat dissipation
- Rugged imported proprietary locking system for reliable assembly of large displays
- Master/Slave, Auto Shows, virtual gobos with adjustable speed and rotation
- Art-Net and DMX control

1.2 SPECIFICATIONS

- Light Source: Cree XP-E 3W 2800K LED
- Beam Angle: 7°
- Field Angle: 11°
- Output: 10900 LUX @ 5 meters
- Color Output: Warm White
- Pixel Matrix: 7 x 7
- Strobe: 0-30 Hz
- Dimming: 4 dimming curve modes
- Control: Art-Net, DMX
- DMX Channels: 5 / 8 / 49 / 54 / 57
- Art-Net Channels: 49
- Display: 128 x 64 LCD display
- Mains: 100 - 240 VAC, 50/60 Hz
- Consumption: 175W/230V
- Power Linking: Up to 7 units @ 120V ~ Up to 13 units @ 230V
- Power connections: Neutrik PowerCon In/Out
- Data connections: Neutrik EtherCon In/Out for Art-Net
3-pin and 5-pin XLR In/Out for DMX
- Housing: Aluminum diecast
- Finish: Matte black
- IP rating: IP20
- Cooling: Passive
- Dimensions: 500 x 500 x 90 MM
- Weight: 7.5 KG

MODE 57 Ch	FUNCTION	DMX Value
9	WHITE 9 0 - 100%	000 - 255
10	WHITE 10 0 - 100%	000 - 255
...
41	WHITE 41 0 - 100%	000 - 255
42	WHITE 42 0 - 100%	000 - 255
43	WHITE 43 0 - 100%	000 - 255
44	WHITE 44 0 - 100%	000 - 255
45	WHITE 45 0 - 100%	000 - 255
46	WHITE 46 0 - 100%	000 - 255
47	WHITE 47 0 - 100%	000 - 255
48	WHITE 48 0 - 100%	000 - 255
49	WHITE 49 0 - 100%	000 - 255
50	BACKGROUND DIMMER 0 - 100%	000 - 255
51	BACKGROUND DIMMER 0 - 100%	000 - 255
52	ALPHANUMERIC No Function Numeric Characters 1 - 0 Alpha Characters A - Z	000 - 000 001 - 127 128 - 255
53	GOBO MAPS No Function Simple Cross (gobo 1) Simple Box (gobo 2) Square Imploder (gobo 3) Square Exploder (gobo 4) Diamond Imploder (gobo 5)	000-010 011-020 021-029 030-038 039-047 048-056

MODE 57 Ch	FUNCTION	DMX Value
53	Diamond Exploder (gobo 6) 2 Line Spinner (gobo 7) Triangle Spinner (gobo 8) Tri-Downer (gobo 9) Tri-Upper (gobo 10) Bowtie Spinner (gobo 11) One-Liner (gobo 12) Line Hop UP (gobo 13) Line Hop DOWN (gobo 14) Line Hop UP DOWN (gobo 15) T-Spin (gobo 16) Upside Down T-Spin (gobo 17) Diamond Spoke Spin (gobo 18) Line Hop LEFT (gobo 19) Line Hop RIGHT (gobo 20) Line Hop LEFT RIGHT (gobo 21) Double Verticals (gobo 22) Double Horizontals (gobo 23) Diagonal Right (gobo 24) Diagonal Left (gobo 25) Moving Squares (gobo 26) Clock (gobo 27)	057-065 066-074 075-083 084-092 093-101 102-110 111-119 120-128 129-137 138-146 147-155 156-164 165-173 174-182 183-191 192-200 201-209 210-218 219-227 228-236 237-246 247-255
54	GOBO SPEED No function (stop) Gobo index No function Gobo speed (CW) Gobo Speed (CCW) ALPHANUMERIC ROTATION 0° 90° 180° 270°	000-010 011-100 101-149 150-202 203-255 000-063 064-127 128-191 192-255
55	DIMMER 0 - 100%	000 - 255
56	STROBE No Function Slow to fast	000 - 010 011 - 255
57	DIM MODE Menu setting dimmer mode Dimmer mode off Dimmer mode 1 Dimmer mode 2 Dimmer mode 3	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

MODE 54 Ch	FUNCTION	DMX Value
5	WHITE 5 0 - 100%	000 - 255
6	WHITE 6 0 - 100%	000 - 255
7	WHITE 7 0 - 100%	000 - 255
8	WHITE 8 0 - 100%	000 - 255
9	WHITE 9 0 - 100%	000 - 255
10	WHITE 10 0 - 100%	000 - 255
...
41	WHITE 41 0 - 100%	000 - 255
42	WHITE 42 0 - 100%	000 - 255
43	WHITE 43 0 - 100%	000 - 255
44	WHITE 44 0 - 100%	000 - 255
45	WHITE 45 0 - 100%	000 - 255
46	WHITE 46 0 - 100%	000 - 255
47	WHITE 47 0 - 100%	000 - 255
48	WHITE 48 0 - 100%	000 - 255
49	WHITE 49 0 - 100%	000 - 255
50	AUTO PROGRAMS No Function Auto 1 Auto 2 Auto 3 Auto 4	000 - 010 011 - 038 039 - 066 067 - 094 095 - 122

MODE 54 Ch	FUNCTION	DMX Value
50	Auto 5 Auto 6 Auto 7 Auto 8 Auto 0	123 - 150 151 - 178 179 - 206 207 - 234 235 - 255
51	AUTO SPEED Slow to Fast	000 - 255
52	DIMMER 0 - 100%	000 - 255
53	STROBE No Function Slow to fast	000 - 010 011 - 255
54	DIM MODE Menu setting dimmer mode Dimmer mode off Dimmer mode 1 Dimmer mode 2 Dimmer mode 3	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

57 CHANNELS

MODE 57 Ch	FUNCTION	DMX Value
1	WHITE 1 0 - 100%	000 - 255
2	WHITE 2 0 - 100%	000 - 255
3	WHITE 3 0 - 100%	000 - 255
4	WHITE 4 0 - 100%	000 - 255
5	WHITE 5 0 - 100%	000 - 255
6	WHITE 6 0 - 100%	000 - 255
7	WHITE 7 0 - 100%	000 - 255
8	WHITE 8 0 - 100%	000 - 255

1.3 OPERATING ELEMENTS AND CONNECTIONS

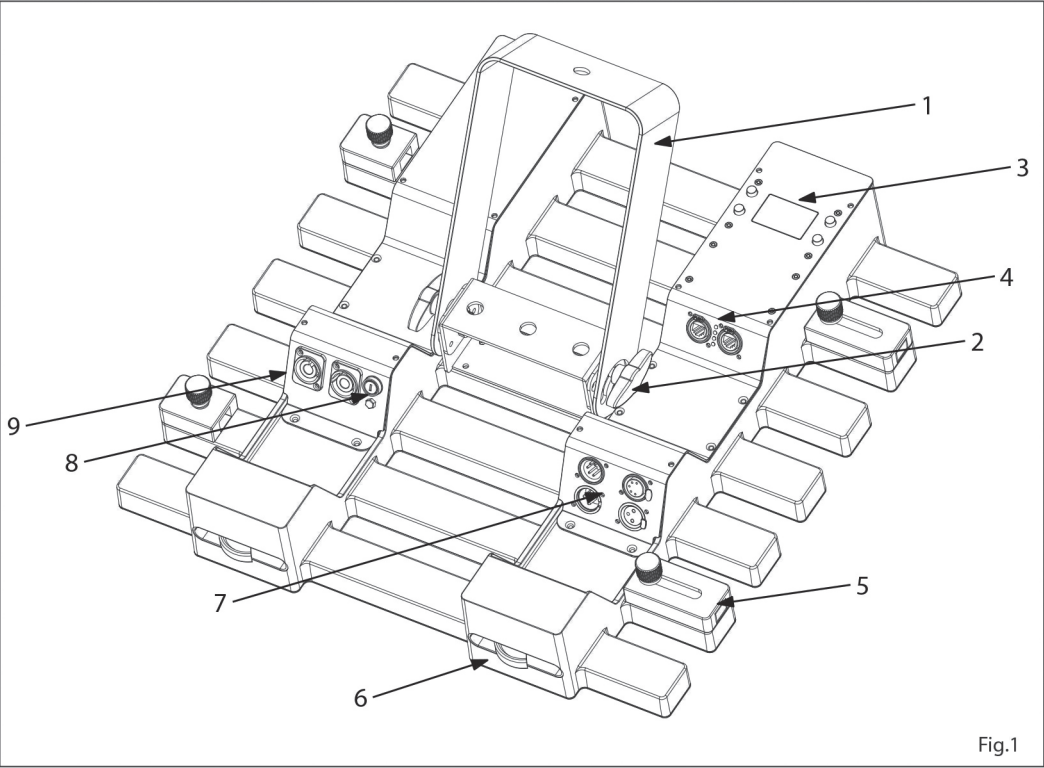


Fig.1

1. MOUNTING BRACKET
2. LOCKING KNOB for the mounting bracket.
3. CONTROL PANEL with display and 4 button used to access the control panel functions and manage them.
 - MENU button: scroll through the main menu or exits from the current submenu.
 - UP button: scroll 'up' through the menu list or increase the value of the current function.
 - DOWN button: scroll 'down' through the menu list or decrease the value of the current function.
 - ENTER button: enter the currently selected menu or confirm the current function value.
4. RJ45 CONNECTORS
5. HORIZONTAL LOCK SYSTEM
6. VERTICAL LOCK SYSTEM
7. DMX connectors:
 - DMX OUT (3-pole XLR):
1 = ground, 2 = DMX -, 3 = DMX +
 - DMX IN (3-pole XLR):
1 = ground, 2 = DMX -, 3 = DMX +
 - DMX OUT (5-pole XLR):
1 = ground, 2 = DMX -, 3 = DMX +, 4 N/C, 5 N/C;
 - DMX IN (5-pole XLR):
1 = ground, 2 = DMX -, 3 = DMX +, 4 N/C, 5 N/C;
8. MAIN FUSE HOLDER: replace a burnt-out fuse by one of the same type only
9. Power connectors:
 - POWER IN (Neutrik connector) for connection to a socket (100-240V~/50-60Hz) via the supplied mains cable
 - POWER OUT (Neutrik connector): power output for connection of multiple units in series

- 2 - INSTALLATION

We recommend following the general guidelines below:

1. Always mount this product in a safe position and make sure there is adequate room for ventilation, configuration and maintenance.
2. Keep any inflammable material at a safe distance from the fixture, as indicated in the safety notes.
3. Make sure that the device is not exposed to extreme heat, moisture or dust.
4. Make sure that the structure to which you are hanging the modules can support the weight.

2.1 MOUNTING

GOLDPIX 77 may be set up on a solid and even surface. The unit can also be mounted upside down to a cross arm. For fixing, stable mounting clips are required. The mounting place must be of sufficient stability and be able to support a weight of 10 times of the unit's weight.

When carrying out any installation, always comply scrupulously with all the regulations (particularly regarding safety) currently in force in the country in which the fixture's being used.

- Install the fixture at a suitable location by means of the mounting bracket (1).
- Always additionally secure the fixture with the safety rope from falling down. For this purpose, fasten the safety rope at a suitable position so that the maximum fall of the fixture will be 20 cm.
- Adjust the fixture and use the knob (2) to slightly release or tighten the locking mechanism of the bracket if is necessary.

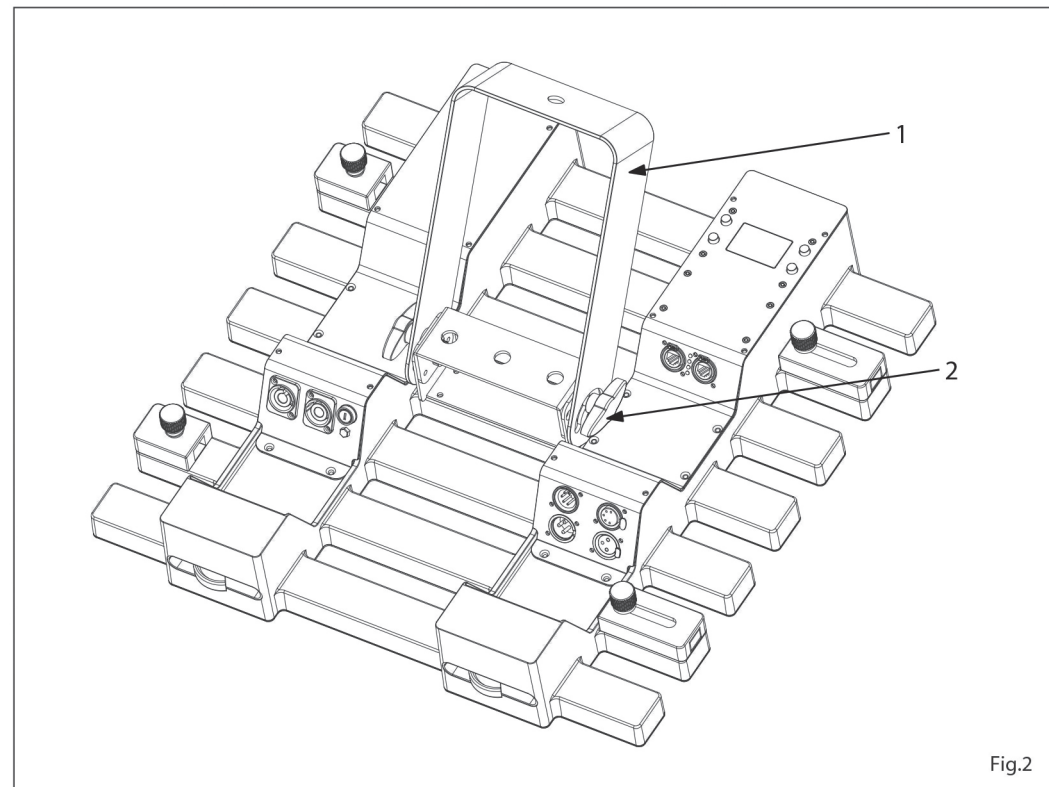


Fig.2

MODE 8 Ch	FUNCTION	DMX Value
7	GOBO SPEED	
	No function (stop)	000-010
	Gobo index	011-100
	No function	101-149
	Gobo speed (CW)	150-202
	Gobo Speed (CCW)	203-255
	ALPHANUMERIC ROTATION	
	0°	000-063
	90°	064-127
	180°	128-191
	270°	192-255
8	DIM MODE	
	Menu setting dimmer mode	000 - 051
	Dimmer mode off	052 - 101
	Dimmer mode 1	102 - 152
	Dimmer mode 2	153 - 203
	Dimmer mode 3	204 - 255

49 CHANNELS

MODE 49 Ch	FUNCTION	DMX Value
1	WHITE 1 0 - 100%	000 - 255
2	WHITE 2 0 - 100%	000 - 255
3	WHITE 3 0 - 100%	000 - 255
4	WHITE 4 0 - 100%	000 - 255
5	WHITE 5 0 - 100%	000 - 255
6	WHITE 6 0 - 100%	000 - 255
7	WHITE 7 0 - 100%	000 - 255
8	WHITE 8 0 - 100%	000 - 255

MODE 49 Ch	FUNCTION	DMX Value
9	WHITE 9 0 - 100%	000 - 255
10	WHITE 10 0 - 100%	000 - 255
...
41	WHITE 41 0 - 100%	000 - 255
42	WHITE 42 0 - 100%	000 - 255
43	WHITE 43 0 - 100%	000 - 255
44	WHITE 44 0 - 100%	000 - 255
45	WHITE 45 0 - 100%	000 - 255
46	WHITE 46 0 - 100%	000 - 255
47	WHITE 47 0 - 100%	000 - 255
48	WHITE 48 0 - 100%	000 - 255
49	WHITE 49 0 - 100%	000 - 255

54 CHANNELS

MODE 54 Ch	FUNCTION	DMX Value
1	WHITE 1 0 - 100%	000 - 255
2	WHITE 2 0 - 100%	000 - 255
3	WHITE 3 0 - 100%	000 - 255
4	WHITE 4 0 - 100%	000 - 255

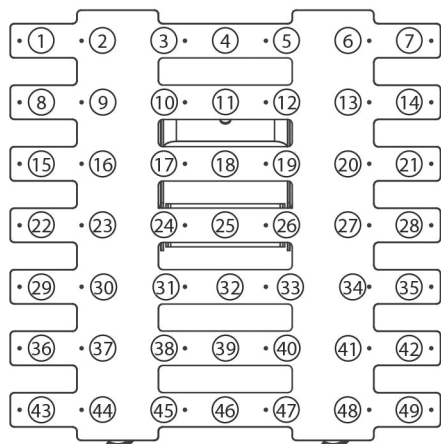
3.1.2 DMX CONTROL

5 CHANNELS

MODE 5 Ch	FUNCTION	DMX Value
1	DIMMER 0 - 100%	000 - 255
2	STROBE No Function Slow to fast	000 - 010 011 - 255
3	AUTO PROGRAMS No Function Auto 1 Auto 2 Auto 3 Auto 4 Auto 5 Auto 6 Auto 7 Auto 8 Auto 0	000 - 010 011 - 038 039 - 066 067 - 094 095 - 122 123 - 150 151 - 178 179 - 206 207 - 234 235 - 255
4	AUTO SPEED Slow to Fast	000 - 255
5	DIM MODE Menu setting dimmer mode Dimmer mode off Dimmer mode 1 Dimmer mode 2 Dimmer mode 3	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

8 CHANNELS

MODE 8 Ch	FUNCTION	DMX Value
1	DIMMER 0 - 100%	000 - 255
2	STROBE No Function Slow to fast	000 - 010 011 - 255
3	FOREGROUND DIMMER 0 - 100%	000 - 255
4	BACKGROUND DIMMER 0 - 100%	000 - 255
5	ALPHANUMERIC No Function Numeric Characters 1 - 0 Alpha Characters A - Z	000 - 000 001 - 127 128 - 255
6	GOBO MAPS No Function Simple Cross (gobo 1) Simple Box (gobo 2) Square Imploder (gobo 3) Square Exploder (gobo 4) Diamond Imploder (gobo 5) Diamond Exploder (gobo 6) 2 Line Spinner (gobo 7) Triangle Spinner (gobo 8) Tri-Downer (gobo 9) Tri-Upper (gobo 10) Bowtie Spinner (gobo 11) One-Liner (gobo 12) Line Hop UP (gobo 13) Line Hop DOWN (gobo 14) Line Hop UP DOWN (gobo 15) T-Spin (gobo 16) Upside Down T-Spin (gobo 17) Diamond Spoke Spin (gobo 18) Line Hop LEFT (gobo 19) Line Hop RIGHT (gobo 20) Line Hop LEFT RIGHT (gobo 21) Double Verticals (gobo 22) Double Horizontals (gobo 23) Diagonal Right (gobo 24) Diagonal Left (gobo 25) Moving Squares (gobo 26) Clock (gobo 27)	000-010 011-020 021-029 030-038 039-047 048-056 057-065 066-074 075-083 084-092 093-101 102-110 111-119 120-128 129-137 138-146 147-155 156-164 165-173 174-182 183-191 192-200 201-209 210-218 219-227 228-236 237-246 247-255



2.2 HORIZONTALLY JOINING MODULE

Each GOLDPIX 77 can be easily joined horizontally using the horizontal lock system on the inside of each module. These connectors can be recessed if not being used.

1. Bring near the two modules and release the lever as shown in figure 3. Lock up the lever of module 1 through the knob.
2. Align the slot with the lever and securely lock the module in place through the knob of the module 2.

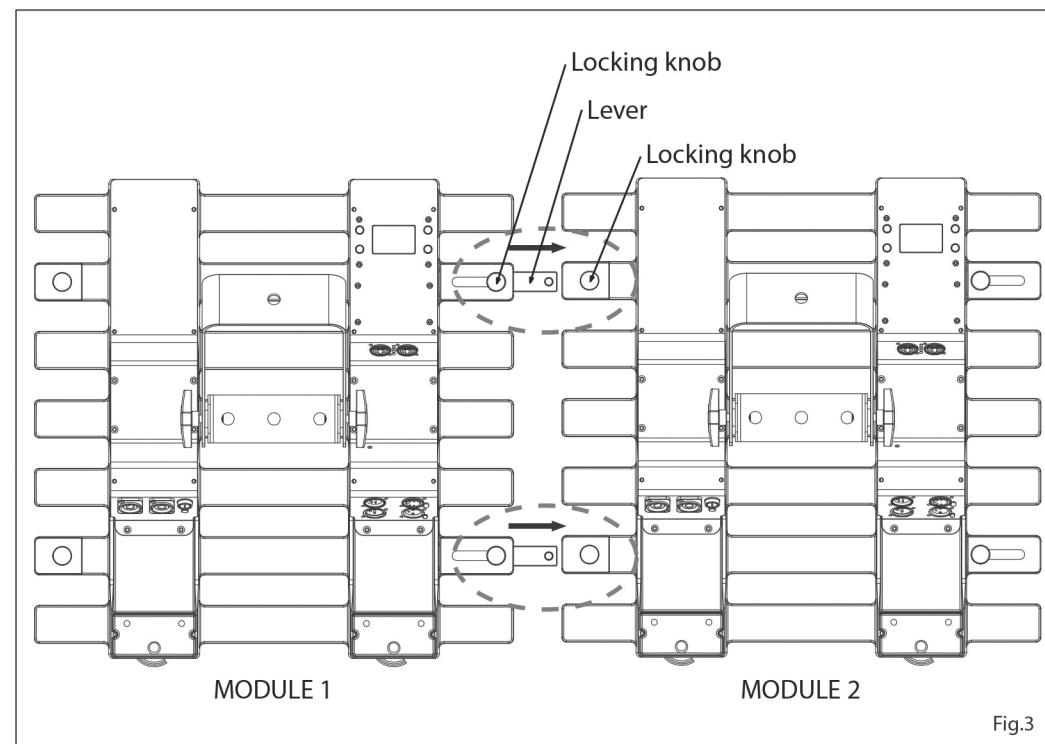


Fig.3

2.3 VERTICALLY JOINING THE MODULES

Each GOLDPIX 77 can be easily joined horizontally using the vertical lock system on the inside of each module. These connectors can be recessed if not being used.

1. Bring near the two modules and use the Allen key for lock the module in place.
2. Up and down modules connected tightly as shown in figure 4.

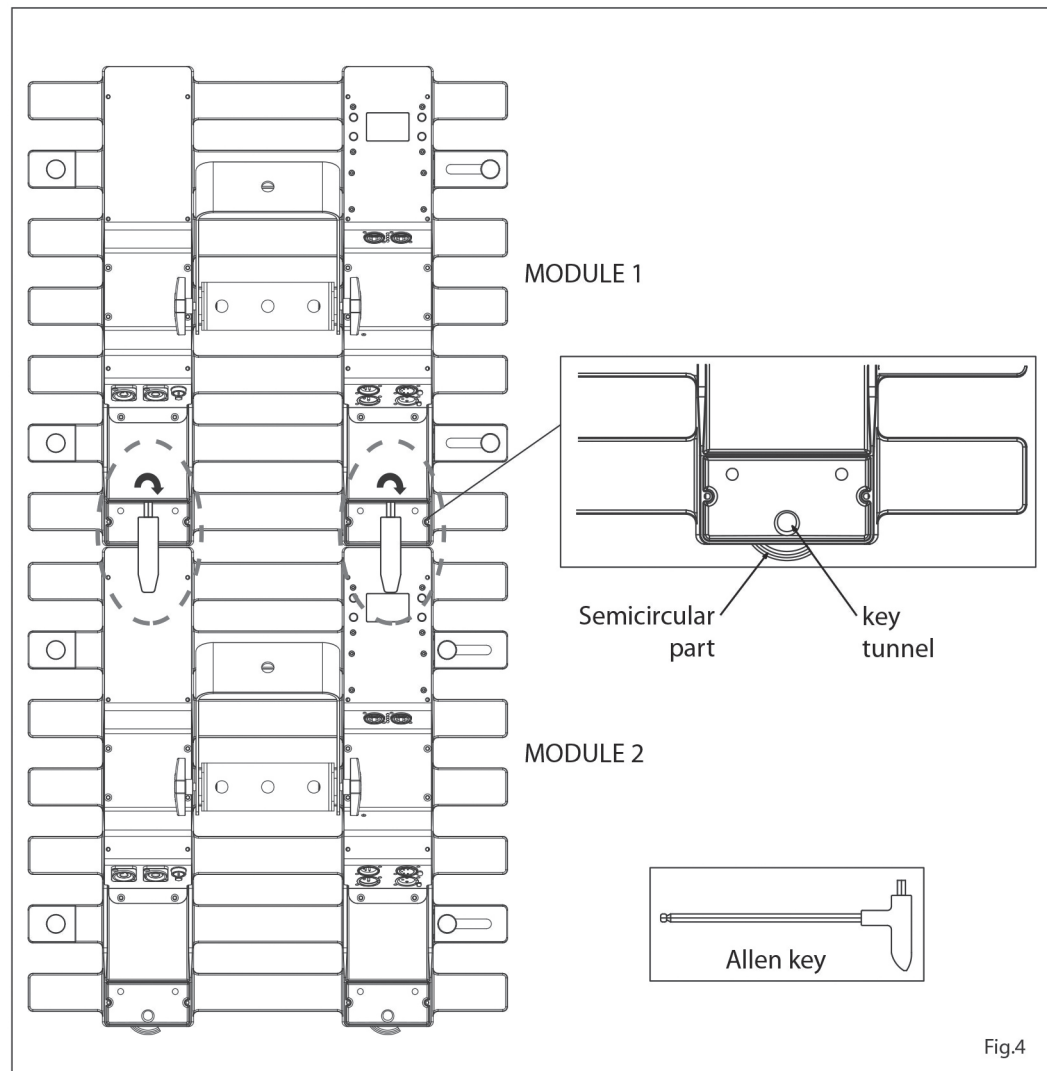


Fig.4

3.10 CONNECTION OF THE DMX LINE

DMX connection employs standard XLR connectors. Use shielded pair-twisted cables with 120Ω impedance and low capacity.

The following diagram shows the connection mode:

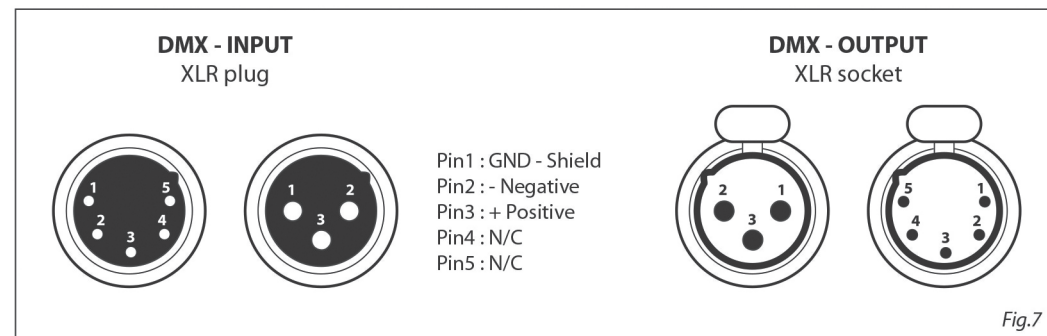


Fig.7

ATTENTION

The screened parts of the cable (sleeve) must never be connected to the system's earth, as this would cause faulty fixture and controller operation.

Over long runs can be necessary to insert a DMX level matching amplifier.

For those connections the use of balanced microphone cable is not recommended because it cannot transmit control DMX data reliably.

- Connect the controller DMX input to the DMX output of the first unit.
- Connect the DMX output to the DMX input of the following unit. Connect again the output to the input of the following unit until all the units are connected in chain.
- When the signal cable has to run longer distance is recommended to insert a DMX termination on the last unit.

3.11 CONSTRUCTION OF THE DMX TERMINATION

The termination avoids the risk of DMX 512 signals being reflected back along the cable when they reach the end of the line: under certain conditions and with certain cable lengths, this could cause them to cancel the original signals.

The termination is prepared by soldering a 120Ω 1/4W resistor between pins 2 and 3 of the 5-pin male XLR connector, as shown in figure.

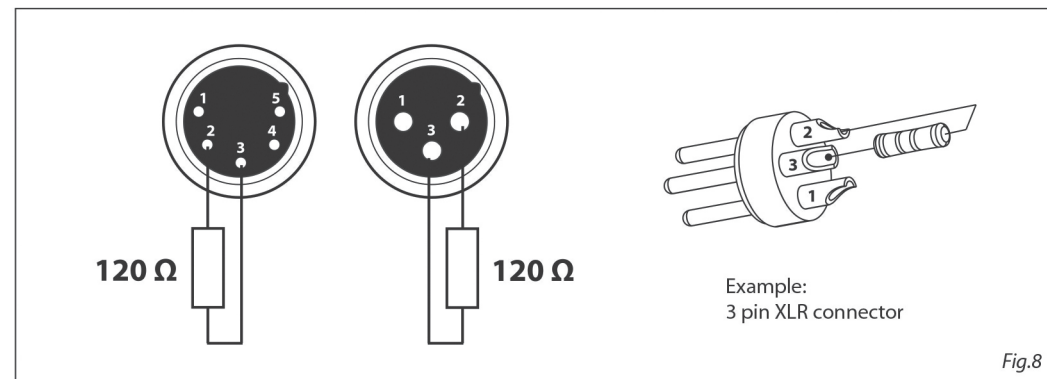


Fig.8

GOLDPIX 77 is equipped with 3 DMX configuration.

- The tables on page 14 indicate the operating mode and DMX value. The GOLDPIX 77 is equipped with 3 and 5 -pole XLR connections.

- Press the button MENU so many times until the display shows **[DMX ADDRESS]**, and press the button ENTER to confirm.
- Press the buttons UP/DOWN to select the desired value **[001-512]**.
- After the setting value is automatically saved.

To be able to operate the GOLDPIX 77 with a light controller, adjust the DMX start address for the first a DMX channel. If e. g. address 33 on the controller is provided for controlling the function of the first DMX channel, adjust the start address 33 on the GOLDPIX 77. The other functions of the light effect panel are then automatically assigned to the following addresses.
An example with the start address 33 is shown below:

The diagram illustrates a DMX512 Controller connected to four DMX Address blocks. The controller is shown at the bottom, with a single bus line extending from its output to the first DMX Address block (33). The bus line then continues to the other three blocks (82, 131, and 180). The DMX Address blocks are labeled with their respective addresses: 33, 82, 131, and 180. The bus line is shown as a single line with multiple connection points to the DMX Address blocks.

Fig.6

Connect the supplied main cable to a socket (100-240 VAC-50/60 Hz). Then the unit is ready for operation and can be operated via a DMX controller or it independently performs its show program in succession. To switch off, disconnect the mains plug from the socket. For a more convenient operation it is recommended to connect the unit to a socket which can be switched on and off via a light switch.

Access control panel functions using the four panel buttons located directly underneath the LCD Display (fig.5).

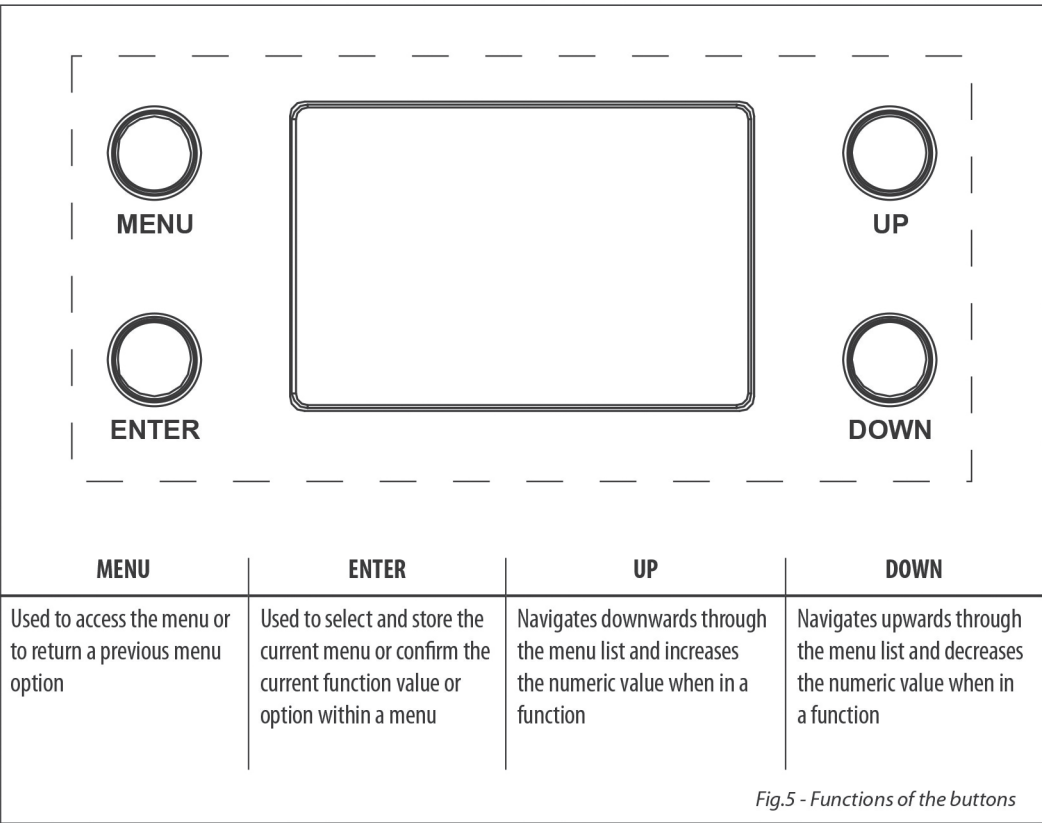


Fig.5 - Functions of the buttons

3.3 MENU STRUCTURE

MENU			
1	Auto Show	⇒ Auto 0 Auto 1 Auto 2 Auto 3 Auto 4 Auto 5 Auto 6 Auto 7 Auto 8	⇒ Speed 0~100 Speed 0~100 Speed 0~100 Speed 0~100 Speed 0~100 Speed 0~100 Speed 0~100 Speed 0~100 Speed 0~100
2	Static	⇒ Dimmer Strobe	⇒ 0 - 255 ⇒ 0 - 255
3	Dimmer Mode	⇒ Off Dimmer 1 Dimmer 2 Dimmer 3	
4	Back Light	⇒ On 10S 20S 30S	
5	Information	⇒ Auto Test Fixture Hours Version IP Address Device ID	⇒ Auto Test ⇒ 99999 ⇒ V1.0 ⇒ 2.192.0.0 ⇒ 999999999
6	DMX Address	⇒ 1 - 508	
7	DMX Channel	⇒ <5 CH> <8 CH> <49 CH> <54 CH> <57 CH>	⇒ 1 - 508 ⇒ 1 - 505 ⇒ 1 - 464 ⇒ 1 - 459 ⇒ 1 - 456
8	Master/Slave	⇒ <Master> <Slave>	
9	Temperature	⇒ 30	

10	Ethernet Setting	IP Mode	⇒ <Static> <DHCP> <Manual>
		Net	⇒ 0 - 127
		Subnet	⇒ 0 - 15
		Universe	⇒ 0 - 15
		Static Channel	⇒ 1 - 512
		ArtNet to DMX	⇒ Yes - No
11	Minimum Dimmer	⇒ 0 - 100	⇒ Minute adjustment

3.4 AUTO SHOW MODE

If no DMX control signal is present at the DMX INPUT, the unit independently runs through its show programme provided that the blackout mode is switched off:

- Press the button MENU so many times until the display shows [AUTO SHOW], then press the button ENTER.
- Press the button UP/DOWN to switch between the programs (AUTO1 - AUTO8). The unit will operate in automatic mode.

NOTE - Programs **AUTO1 - AUTO8** are fully pre-programmed and will not be altered by changes in EDIT mode.

3.5 MASTER/SLAVE MODE

This mode will allow you to link up the units together without a controller. Choose a unit to function as the Master. The unit must be the first unit in line; other units will work as slave with the same effect.

- Press the button MENU so many times until the display shows [MASTER/SLAVE], and press the button ENTER to confirm.
- Press UP/DOWN to set the unit as [SLAVE].
- Select the desired program (see section 3.4).
- Use standard DMX cables to daisy chain your units together via the DMX connector on the rear of the units. For longer cable runs we suggest a terminator at the last fixture (see page 13).

3.6 LINKING

Several units may be interconnected in order to control all further slave units to the same effect of the master unit.

1. Connect the DMX OUT of the master unit via 3 or 5 -pole XLR cable to the DMX IN of the first slave unit.
2. Connect the DMX OUT of the first slave unit to the DMX IN of the second slave unit, etc. until all units are connected in a chain.