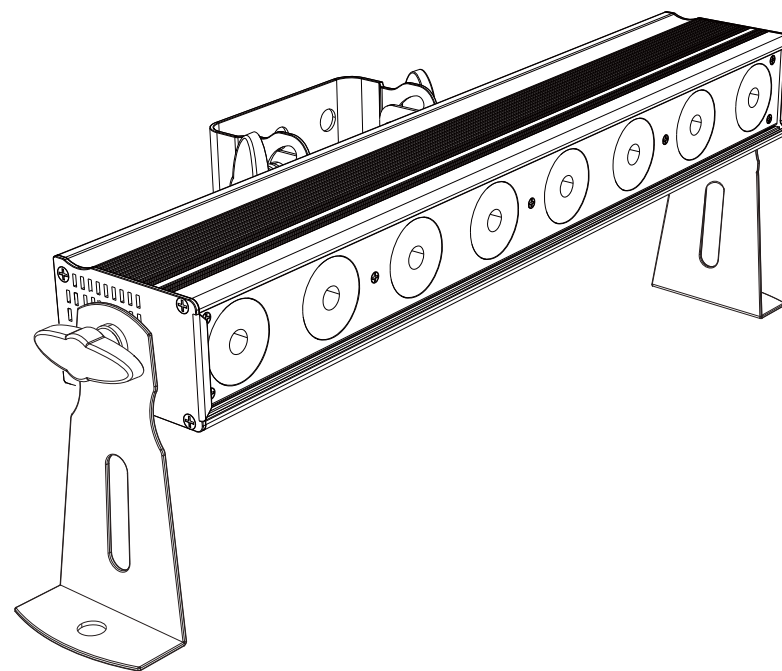# EK

bandpix 8H

High output RGBAW+UV LED batten
and 8 x 1 pixel mappable matrix

EK

USER MANUAL

EN

⚠ WARNING! Before carrying out any operations with the unit, carefully read this instruction manual and keep it with cure 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 40 °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
• 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.
• Before starting any maintenance work or cleaning the projector, cut off power from the main supply.
• Always additionally secure the projector with the safety rope. When carrying out any work, 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 in a well ventilated place.
• Keep any inflammable material at a safe distance from the fixture.
• Shields, lenses or ultraviolet screens shall be changed if they have become damaged to such an extent that their effectiveness is impaired.
• The lamp (LED) shall be changed if it has become damaged or thermally deformed.
• Never look directly at the light beam. Please note that fast changes in lighting, e. g. flashing light, may trigger epileptic seizures in photosensitive persons or persons with epilepsy.
• Do not touch the product's housing when operating because it may be very hot.

3.15 WHITE CALIBRATION
Enter the White balance to adjust the RGB parameter to make different whites.
• Press the button MENU so many times until shows **[WHITE BALANCE]**, and press the button ENTER to confirm.
• Select red, green or blue **(R - G - B)**, through the buttons UP/DOWN.
• Press MENU button to confirm.
• Set the value (**125-255**), through the buttons UP/DOWN.
• Press the MENU button to go back or to meet the waiting time to exit from the setup menu automatically.

3.16 13-CHANNEL & 96-CHANNEL DMX CHART

MODE 13 Ch	FUNCTION		DMX Value
1	RED H	0~100%	000 - 255
2	RED L	0~100%	000 - 255
3	GREEN H	0~100%	000 - 255
4	GREEN L	0~100%	000 - 255
5	BLUE H	0~100%	000 - 255
6	BLUE L	0~100%	000 - 255
7	AMBER H	0~100%	000 - 255
8	AMBER L	0~100%	000 - 255
9	WHITE H	0~100%	000 - 255
10	WHITE L	0~100%	000 - 255
11	UV H	0~100%	000 - 255
12	UV L	0~100%	000 - 255
13	DIMMER SPEED		
	Preset dimmer speed from display menu		000 - 051
	Dimmer speed mode off		052 - 101
	Dimmer speed mode1 (fast speed)		102 - 152
	Dimmer speed mode2 (middle speed)		153 - 203
	Dimmer speed mode3 (slow speed)		204 - 255

MODE 96 Ch	FUNCTION		DMX Value
1	RED H	0~100%	000 - 255
2	RED L	0~100%	000 - 255
3	GREEN H	0~100%	000 - 255
4	GREEN L	0~100%	000 - 255
5	BLUE H	0~100%	000 - 255
6	BLUE L	0~100%	000 - 255
7	AMBER H	0~100%	000 - 255
8	AMBER L	0~100%	000 - 255
9	WHITE H	0~100%	000 - 255
10	WHITE L	0~100%	000 - 255
11	UV H	0~100%	000 - 255
12	UV L	0~100%	000 - 255
...	...		...
85	RED H	0~100%	000 - 255
86	RED L	0~100%	000 - 255
87	GREEN H	0~100%	000 - 255
88	GREEN L	0~100%	000 - 255
89	BLUE H	0~100%	000 - 255
90	BLUE L	0~100%	000 - 255
91	AMBER H	0~100%	000 - 255
92	AMBER L	0~100%	000 - 255
93	WHITE H	0~100%	000 - 255
94	WHITE L	0~100%	000 - 255
95	UV H	0~100%	000 - 255
96	UV L	0~100%	000 - 255

3.13 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 [**DIM 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.

BackLite
• To activate Backlight display press the button MENU so many times until shows [**BACKLITE**], 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.

3.14 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 [**INFO**], 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 [**INFO**]. Press the button ENTER to confirm
• Using the button UP/DOWN to select [**FIXHOURS**], 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 [**INFO**]
• 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.

Temp
Show the temperature unit.
• Press the button MENU so many times until shows [**TEMP**]

TABLE OF CONTENTS

Packing content   BANDPIX 8H
• Mounting bracket (2 pcs.)
• Power cable
• User manual

INTRODUCTION

The BANDPIX 8H is a high-output RGBAW+UV LED batten and 8 x 1 pixel mappable matrix.

FEATURES

- 8 x 12W RGBAW+UV 6-in-1 LEDs
- Doubles as linear wash or pixel mappable effect
- Vibrant saturated colors
- Flicker-free output with selectable PWM frequencies for worry-free video
- Silent operation suitable for studio use
- White color temperature presets from 3200K to 10000K
- Manual color selection, dimming and strobe control via onboard menu
- White balance adjustment
- Ultra-linear dimming technology with 4 selectable dimming curves
- Mounting brackets allow fixture to be flown or floor-mounted
- Power linking (PowerCon In/Out)
- 3-pin and 5-pin DMX In/Out
- Master/Slave mode
- HSV and HSI 3-channel modes
- Auto shows
- Slim profile

SPECIFICATIONS

Light Source:	8 x 12W RGBAW+UV 6-in-1 LEDs
Beam Angle:	23°
Field Angle:	50°
Output:	437 lux @ 5 meters
Strobe:	0-30 Hz
Dimming:	4 dimming curve modes
Control:	DMX
DMX Channels:	6 / 8 / 12 / 13 / 48 / 53 / 96 / HSI / HSV
Display:	LCD function menu with 4 touch buttons
Mains:	100V-240V. 50/60 Hz (auto-ranging)
Consumption:	85W
Power connections:	Neutrik PowerCon In/Out
Data connections:	3-pin and 5-pin XLR In/Out for DMX
Housing Material:	Aluminum
Finish:	Matte black
IP rating:	IP20
Cooling:	Silent fan
Dimensions:	582 x 80 x 183 mm
Weight:	3.2 KG

3.12 DMX CONTROL

MODE 53 Ch	FUNCTION	DMX Value
1	**RED1**	000 - 255
2	**GREEN1**	000 - 255
3	**BLUE1**	000 - 255
4	**AMBER1**	000 - 255
5	**WHITE1**	000 - 255
6	**UV1**	000 - 255
...	**...**	...
43	**RED8**	000 - 255
44	**GREEN8**	000 - 255
45	**BLUE8**	000 - 255
46	**AMBER8**	000 - 255
47	**WHITE8**	000 - 255
48	**UV8**	000 - 255
49	**AUTO PROGRAMS** No Function Auto program 1 Auto programs 2 Auto programs 3 Auto programs 4 Auto programs 5 Auto programs 6 Auto programs 7 Auto programs 8 Auto programs 9 Auto programs 10 Auto programs 11 Auto programs 12 Fade programs Auto programs 0 (Auto 1-12)	000 - 010 011 - 027 028 - 044 045 - 061 062 - 078 079 - 095 096 - 112 113 - 129 130 - 146 147 - 163 164 - 180 181 - 197 198 - 214 215 - 231 232 - 255

MODE 53 Ch	FUNCTION	DMX Value
50	**AUTO SPEED** Auto speed slow to fast	000 - 255
51	**DIMMER** 0~100%	000 - 255
52	**STROBE** No function Strobe Slow to Fast	000 - 010 011 - 255
53	**DIMMER SPEED** Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

MODE 3 Ch	FUNCTION	DMX Value
1	**HUE**	000 - 255
2	**SATURATION**	000 - 255
3	**VALUE (BRIGHTNESS)**	000 - 255

MODE 3 Ch	FUNCTION	DMX Value
1	**HUE**	000 - 255
2	**SATURATION**	000 - 255
3	**INTENSITY**	000 - 255

3.12 DMX CONTROL

MODE 12 Ch	FUNCTION	DMX Value
10	Auto programs 2	028 - 044
	Auto programs 3	045 - 061
	Auto programs 4	062 - 078
	Auto programs 5	079 - 095
	Auto programs 6	096 - 112
	Auto programs 7	113 - 129
	Auto programs 8	130 - 146
	Auto programs 9	147 - 163
	Auto programs 10	164 - 180
	Auto programs 11	181 - 197
	Auto programs 12	198 - 214
	Fade programs	215 - 231
	Auto programs 0 (Auto 1-12)	232 - 255
11	**AUTO SPEED**	
	Auto speed slow to fast	000 - 255
12	**DIMMER SPEED**	
	Preset dimmer speed from display menu	000 - 051
	Dimmer speed mode off	052 - 101
	Dimmer speed mode1 (fast speed)	102 - 152
	Dimmer speed mode2 (middle speed)	153 - 203
	Dimmer speed mode3 (slow speed)	204 - 255

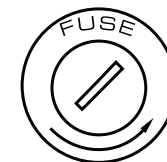| MODE 48 Ch	FUNCTION	DMX Value
1	RED1	000 - 255
2	GREEN1	000 - 255
3	BLUE1	000 - 255
4	AMBER1	000 - 255
5	WHITE1	000 - 255
6	UV1	000 - 255
7	RED2	000 - 255
8	GREEN2	000 - 255
9	BLUE2	000 - 255
10	AMBER2	000 - 255
11	WHITE2	000 - 255
12	UV2	000 - 255
...	...	...
...	...	...
...	...	...
43	RED8	000 - 255
44	GREEN8	000 - 255
45	BLUE8	000 - 255
46	AMBER8	000 - 255
47	WHITE8	000 - 255
48	UV8	000 - 255

- 1.2 - MAINTENANCE

MAINTENANCE AND CLEANING THE UNIT
• Make sure the area below the installation place is free from unwanted persons during setup.
• Switch off the unit, unplug the main cable and wait until the unit has cooled down.
• All screws used for installing the device and any of its parts should be tightly fastened and should not be corroded.
• Housings, fixations and installation spots (ceiling, trusses, suspensions) should be totally free from any deformation.
• The main cables must be in impeccable condition and should be replaced immediately even when a small problem is detected.
• It is recommended to clean the front at regular intervals, from impurities caused by dust, smoke, or other particles to ensure that the light is radiated at maximum brightness. For cleaning, disconnect the main plug from the socket. Use a soft, clean cloth moistened with a mild detergent. Then carefully wipe the part dry. For cleaning other housing parts use only a soft, clean cloth. Never use a liquid, it might penetrate the unit and cause damage to it.

FUSE REPLACEMENT
1. Disconnect this product from the power outlet.
2. Using a screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse and replace with a good fuse of the same type and rating (250V/T2A).
4. Screw the fuse holder cap back in place and reconnect power.

TROUBLESHOOTING

Problems	Possible causes	Checks and remedies
Fixture does not light up	• No mains supply • Dimmer fader set to 0 • All color faders set to 0 • Faulty LED • Faulty LED board	• Check the power supply voltage • Increase the value of the dimmer channels • Increase the value of the color channels • Replace the LED board • Replace the LED board
General low light intensity	• Dirty lens assembly • Misaligned lens assembly	• Clean the fixture regularly • Install lens assembly properly
Fixture does not power up	• No power • Loose or damaged power cord • Faulty internal power supply	• Check for power on power outlet • Check power cord • Replace internal power supply
Fixture does not respond to DMX	• Wrong DMX addressing • Damaged DMX cables • Bouncing signals	• Check control panel and unit addressing • Check DMX cables • Install terminator as suggested

Contact an authorized service center in case of technical problems or not reported in the table can not be resolved by the procedure given in the table.

1.3 OPERATING ELEMENTS AND CONNECTIONS

Rear panel
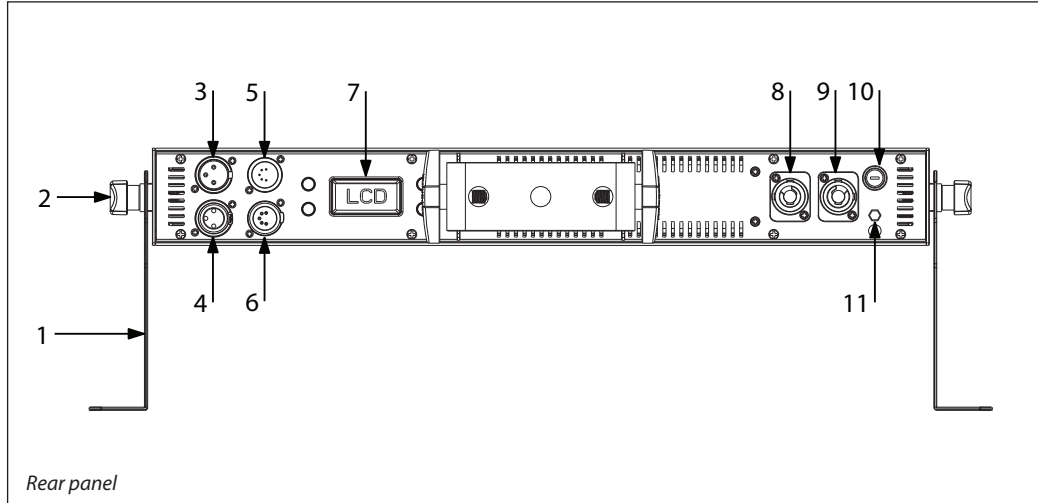
1. MOUNTING BRACKET
2. LOCKING KNOB for the mounting bracket
3. DMX IN (5-pole XLR):
   1 = ground, 2 = DMX-, 3 = DMX+, 4 N/C, 5 N/C
4. DMX OUT (5-pole XLR):
   1 = ground, 2 = DMX-, 3 = DMX+, 4 N/C, 5 N/C
5. DMX IN (3-pole XLR):
   1 = ground, 2 = DMX -, 3 = DMX +
6. DMX OUT (3-pole XLR):
   1= ground, 2 = DMX -, 3 = DMX +
7. CONTROL PANEL with display and 4 button used to access the control panel functions and manage them.

8. POWER IN (PowerCON IN): for connection to a socket (100-240V~/50-60Hz) via the supplied mains cable.
9. POWER OUT (PowerCON OUT): connect to supply power to the next unit
10. FUSE HOLDER in the event of breakage, always replace the fuse with the same type and rating (T2A-250V).
11. GND POINT grounding the fixture to the earth

3.12 DMX CONTROL

MODE 6 Ch	FUNCTION	DMX Value
1	RED 0~100%	000 - 255
2	GREEN 0~100%	000 - 255
3	BLUE 0~100%	000 - 255
4	AMBER 0~100%	000 - 255
5	WHITE 0~100%	000 - 255
6	UV 0~100%	000 - 255

MODE 8 Ch	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	RED 0~100%	000 - 255
3	GREEN 0~100%	000 - 255
4	BLUE 0~100%	000 - 255
5	AMBER 0~100%	000 - 255
6	WHITE 0~100%	000 - 255
7	UV 0~100%	000 - 255
8	STROBE No function Strobe Slow to Fast	000 - 010 011 - 255

MODE 12 Ch	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	RED 0~100%	000 - 255
3	GREEN 0~100%	000 - 255
4	BLUE 0~100%	000 - 255
5	AMBER 0~100%	000 - 255
6	WHITE 0~100%	000 - 255
7	UV 0~100%	000 - 255
8	STROBE No function Strobe Slow to Fast	000 - 010 011 - 255
9	COLOR MACRO + WHITE BALANCE No Function R: 100% / G: 0-100% / B: 0% R: 100-0% / G: 100% / B: 0% R: 0% / G: 100% / B: 0-100% R: 0% / G: 100-0% / B: 100% R: 0-100% / G: 0% / B: 100% R: 100% / G: 0% / B: 100-0% R: 100% / G: 0-100% / B: 0-100% R: 100-0% / G: 100-0% / B: 100% R: 100% / G: 100% / B: 100% / W: 100% Color temperature 1 Color temperature 2 Color temperature 3 Color temperature 4 Color temperature 5 Color temperature 6 Color temperature 7 Color temperature 8 Color temperature 9 Color temperature 10 Color temperature 11	000 - 010 011 - 030 031 - 050 051 - 070 071 - 090 091 - 110 111 - 130 131 - 150 151 - 170 171 - 200 201 - 205 206 - 210 211 - 215 216 - 220 221 - 225 226 - 230 231 - 235 236 - 240 241 - 245 246 - 250 251 - 255
10	AUTO PROGRAMS No Function Auto program 1	000 - 010 011 - 027

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:

DMX - INPUT
XLR plug

DMX - OUTPUT
XLR socket

Pin1 : GND - Shield
Pin2 : - Negative
Pin3 : + Positive
Pin4 : N/C
Pin5 : N/C
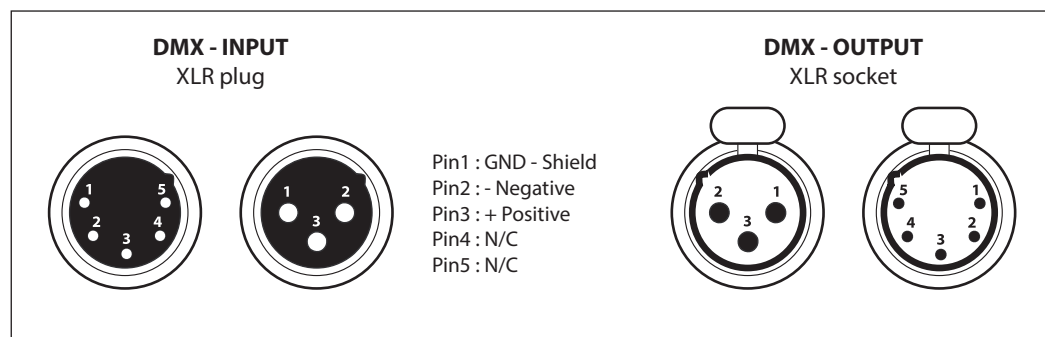
ATTENTION
The screened parts of the cable (sleeve) must never be connected to the system's earth, as this would cause faulty fixture and controller operation.
Over long runs can be necessary to insert a DMX level matching amplifier.
For those connections the use of balanced microphone cable is not recommended 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 reaches 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 1/4 W resistor between pins 2 and 3 of the 5-pin male XLR connector, as shown in figure.

120 Ω   120 Ω

Example:
3 pin XLR connector
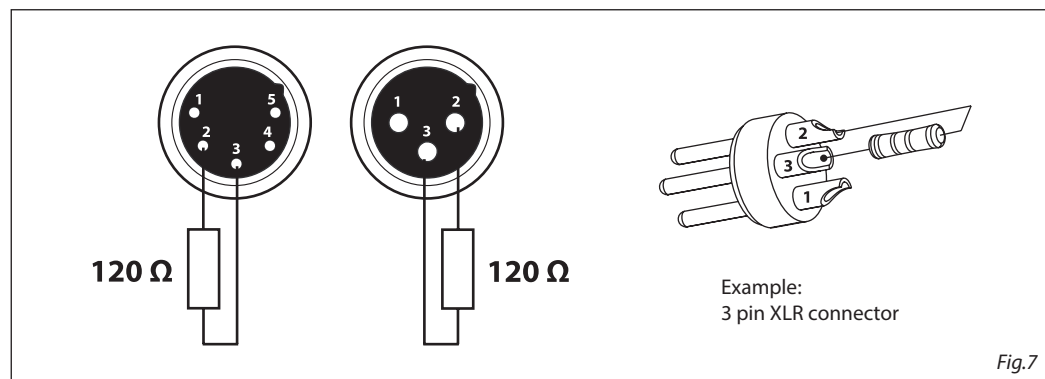
Fig.7

- 2 - INSTALLATION

2.1 MOUNTING
BANDPIX 8H 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 projector at a suitable location by means of the mounting bracket (1).
• Always additionally secure the projector 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 projector will be 20 cm.
• Adjust the projector and use the knob to slightly release or tighten the locking mechanism of the bracket as necessary (2).
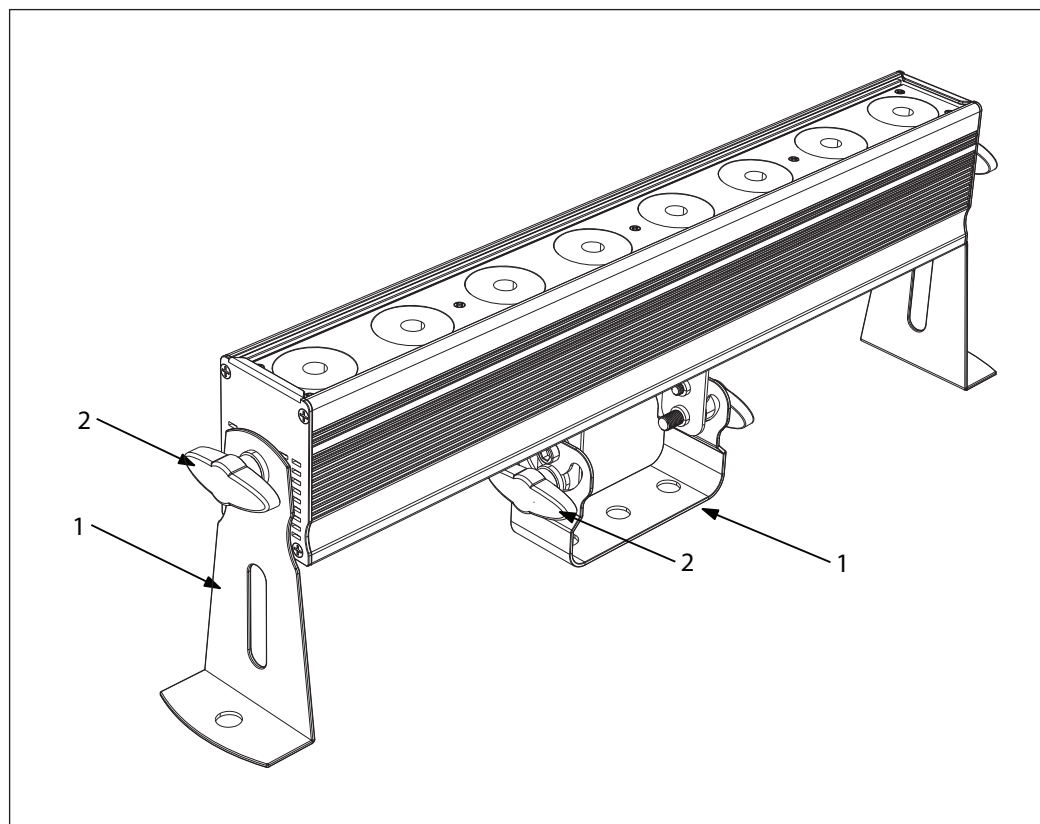
- 3 - FUNCTIONS AND SETTINGS

3.1 OPERATION
Connect the supplied main cable to a socket (100-240V~/50-60Hz). 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.
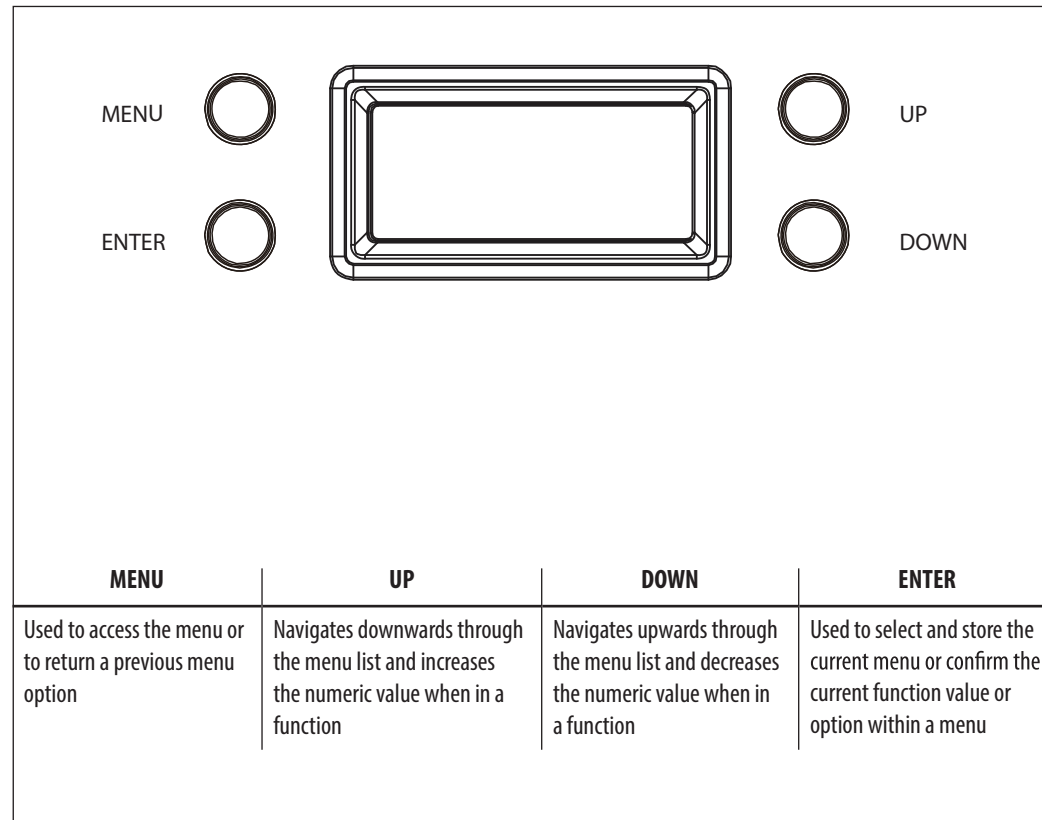
3.2 BASIC
Access control panel functions using the four panel buttons located directly underneath the LCD display.

MENU	UP	DOWN	ENTER
Used to access the menu or to return a previous menu option	Navigates downwards through the menu list and increases the numeric value when in a function	Navigates upwards through the menu list and decreases the numeric value when in a function	Used to select and store the current menu or confirm the current function value or option within a menu

3.8 DMX CONFIGURATION
BANDPIX 8H is equipped with different DMX configuration.
• Press the button MENU so many times until shows **[CHANNEL]**, and press the button ENTER to confirm.
• Select the desired DMX configuration (**6CH - 8CH - 12CH - 13CH - 48CH - 53CH - 96CH - HSV - HSI**) using the UP/DOWN buttons.
The tables on page 15 indicate the operating mode and DMX value. The BANDPIX 8H is equipped with 3/5-pole XLR connections.

3.9 DMX MODE
• Press the button MENU so many times until the display shows **[ADDRESS]**, and press the button ENTER to confirm.
• Press UP/DOWN button to select the desired value (**001-512**). Press and hold to scroll quickly.
• Press ENTER button to store.
• Press the MENU button to go back or to meet the waiting time to exit the setup menu.
To able to operate the BANDPIX 8H 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 BANDPIX 8H .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:

Number of DMX channels	Start address (example)	DMX Address occupied	Next possible start address for unit No. 1	Next possible start address for unit No. 2	Next possible start address for unit No. 3
8	33	33-40	41	49	57

DMX Address: 33   DMX Address: 41   DMX Address: 49   DMX Address: 57

DMX512 Controller

Example 8 DMX channels configuration
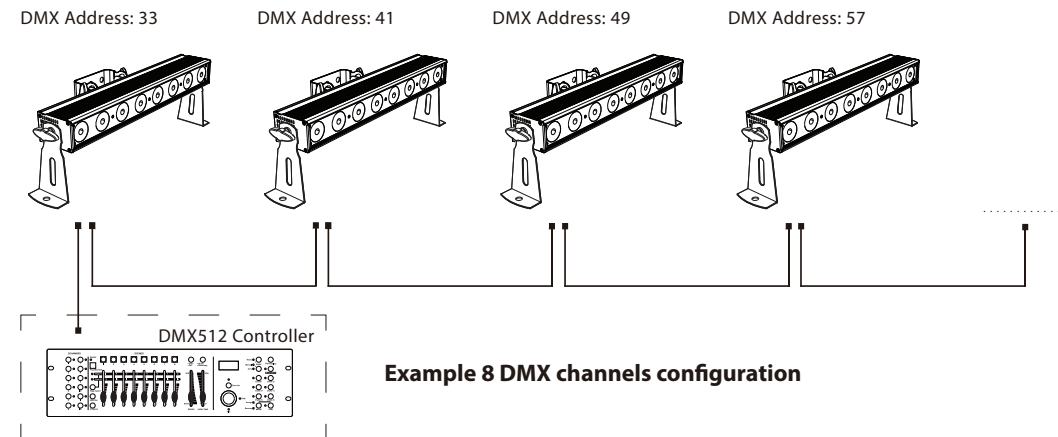
3.4 AUTO SHOW MODE

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]**, then press the button ENTER.
• Press the button UP/DOWN to switch between the show (**AUTO 0 - AUTO 12**). The unit will operate in show mode.
• Using the button UP/DOWN to select the desired run speed slow-fast **[0-100]**
• Press the button ENTER to save the setting.

IMPORTANT: Programs **AUTO 0 - AUTO 12** are fully pre-programmed and will not be altered by changes. Instead, **MANU C** mode allows to combine the colors **RGBWAP**.

• Press the button MENU so many times until the display shows **[STATIC]**, then press the button ENTER.
• Through the button UP/DOWN select **[MANU C]**, then press the button ENTER.
• Select the color **[R-G-B-A-W-P]** through the buttons UP/DOWN.
• Press the button ENTER to confirm.
• Set the value **(000 - 255)**, through the buttons UP/DOWN.
• Press the MENU button to go back or to meet the waiting time to exit the setup menu.

3.5 STATIC MODE

This fixture has the ability to accept custom static color settings. Access these chases via the control panel on the back of the fixture.

• To enable the static mode, press MENU repeatedly until **[STATIC]** shows on the display.
• Press the button ENTER.
• Through the button UP/DOWN select **[FIXT C]**, then press the button ENTER.
• Select the desired preset color **[R - G - B - A- W - P - RB - RG etc.]** using the button UP/DOWN.
• Press the button ENTER to save the setting.
• Press the MENU button to go back or to meet the waiting time to exit the setup menu.

3.6 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 **[M & S]** and press the button ENTER.
• Press UP/DOWN to set the unit as master or slave **(MASTER, 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).

3.7 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 3/5-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.

3.3 MENU STRUCTURE

	MENU (LEVEL 1)	(LEVEL 2)	(LEVEL 3)	REMARK
1	Auto	Auto	Speed	
	< Auto 0 >	< Auto 0 >	< 100 >	
		< Auto 1 >	< 100 >	
		< Auto 2 >	< 100 >	
		< Auto 3 >	< 100 >	
		...	...	
		< Auto 11 >	< 100 >	
		< Auto 12 >	< 100 >	
		< Fade >	< 100 >	
2	Static	Static	Fix C	
		< Fix C >	<R >	C1: R
			< G >	C2: G
			< B >	C3: B
			< A >	C4: A
			< W >	C5: W
			< P>	C6: P
			<RG >	C7: RG
			<R B >	C8: RB
			<R A >	C9: RA
			<R W >	C10: RW
			<R P>	C11: RP
			< GB >	C12: GB
			< G A >	C13: GA
			< G W >	C14: GW
			< G P>	C15: GP
			< BA >	C16: BA
			< B W >	C17: BW
			< B P>	C18: BP
			< AW >	C19: AW
			< A P>	C20: AP
			< WP>	C21: WP
			<RGB >	C22: RGP
			<RG A >	C23: RGA
			<RG W >	C24: RGW
			<RG P>	C25: RGP
			<R BA >	C26: RBA
			<R B W >	C27: RBW
			<R B P>	C28: RBP
			<R AW >	C29: RAW
			<R A P>	C30: RAP

3.3 MENU STRUCTURE

				<R WP>	C31: RWP
				< G BA >	C32: GBA
				< G B W >	C33: GBW
				< G B P>	C34: GBP
				< BAW >	C35: BAW
				< BA P>	C36: BAP
				< AWP>	C37: AWP
				< B WP>	C38: BWP
				< G AW >	C39: GAW
				< G A P>	C40: GAP
				< G WP>	C41: GWP
				<RG BA >	C42: RGBA
				<RG B W >	C43: RGBW
				<RG B P>	C44: RGBP
				<RG AW >	C45: RGAW
				<RG A P>	C46: RGAP
				<RG WP>	C47: RGWP
				<R BAW >	C48: RBAW
				<R BA P>	C49: RBAP
				<R B WP>	C50: RBWP
				<R AWP>	C51: RAWP
				< G BAW >	C52: GBAW
				< G BA P>	C53: GBAP
				< G B WP>	C54: GBWP
				< G AWP>	C55: GAWP
				< BAWP>	C56: BAWP
				<RG BAW >	C57: RGBAW
				<RG BA P>	C58: RGBAP
				<RG B WP>	C59: RGBWP
				<RG AWP>	C60: RGAWP
				<R BAWP>	C61: RBAWP
				< G BAWP>	C62: GBAWP
				<RG BAWP>	C60: RGBAWP
			< Manu C >	Manual C	Value
				< R=255>	< R=255>
				< G=255>	< G=255>
				< B=255>	< B=255>
				< A=255>	< A=255>
				< W=255>	< W=255>
				< P=255>	< P=255>
3	Dim Mode		Dim Mode		
		< DIM 1 >		< Off >	

3.3 MENU STRUCTURE

			< DIM 1 >		
			< DIM 2 >		
			< DIM 3 >		
4	Back Lite		Back Lite		
		< On >		< On >	
				< 10 s >	
				< 20 s >	
				< 30 s >	
5	Info		Auto		
			Test		
			Fix Hours		
			< 0 H >		
			Version		
			< V1.0 >		
6	Address		Address		
		< 001 >		< 512 >	
7	Channel		Channel		
		< 12Ch >		< 6Ch >	
				< 8Ch >	
				< 12Ch >	
				< 13Ch >	
				< 48Ch >	
				< 53Ch >	
				< 96Ch >	
				< HSV >	
				< HSI >	
8	M & S	Mode	M & S	Mode	
		< Master >		< Master >	
				< Slave >	
9	White		Balance	Value	
		Balance	< R=255>	< R=255>	
			< G=255>	< G=255>	
			< B=255>	< B=255>	
10	Temp				
		< 35 C >			