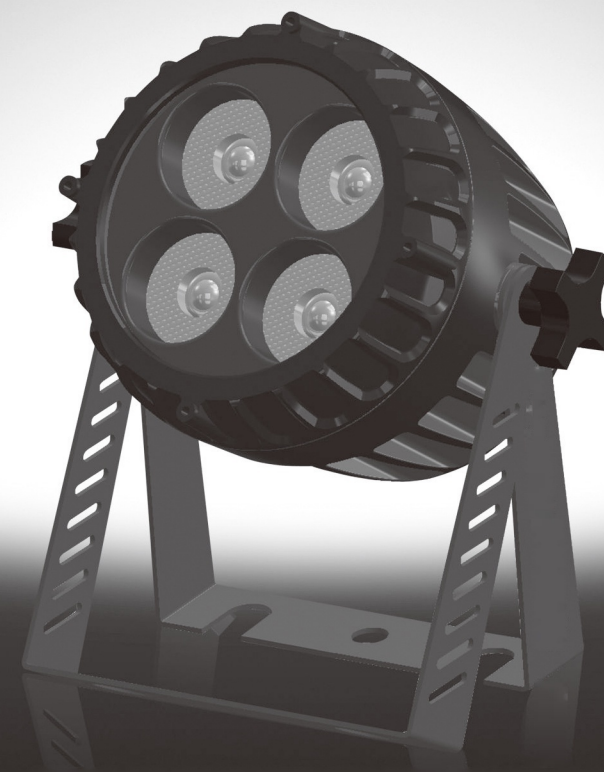
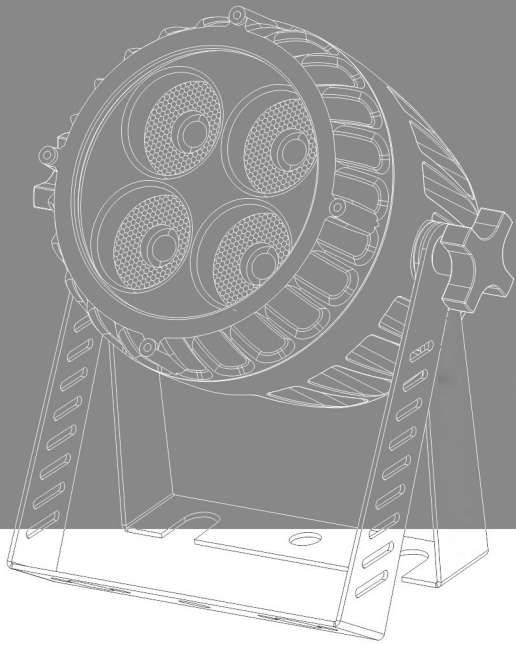




USER MANUAL

Ver. 1.00

USER MANUAL



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Safety Instruction

Safety Instruction:

- Make sure all fixtures are operated and installed by qualified electrician with the relevant national certifications.
- In order to maintain the condition and to ensure a safe operation, it is important for all users to follow the safety instructions and warning notes written in this manual.
- Do not operate the fixture with missing or damaged covers, shields or any optical component. Please consider that unauthorized modifications to the device are forbidden due to safety reasons.
- If the device is operated in any way that's not described in this manual, the product may suffer damage and the warranty will become void. Furthermore, misuse may lead to dangers like short-circuit, burns, electric shock, burns due to ultraviolet radiation, lamp explosion, crash, etc.

Liability:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized repair to the fixture.

Minimum distance to illuminate objects:

The fixture must be positioned at least 0.2m minimum distance to illuminate objects.

Minimum distance from inflammable materials:

Keep all inflammable materials at least 0.2m from this fixture.

Positioning:

Allow to place the fixture on an inflammable surface.

Maximum ambient temperature of unit location:

The maximum ambient temperature of 40°C cannot be exceeded.

Ip67 protection rating:

The fixture is protected against penetration by ingress of dust; complete protection against contact (first digit 6), Ingress of water in harmful quantity shall not be possible when the enclosure is immersed in water for 30mins (second digit 7).

Prevention from electrical shock:

Make sure to ground (earth) the fixture electrically. It's essential to connect the yellow/green conductor to earth.

Main Connection:

- Do not apply any AC mains power to the fixture at any other voltage than that specified.
- Never let the eventCON® cable comes into contact with other cables. Treat the eventCON® cable and all connections with the mains with particular caution.
- Make sure the eventCON® cable is never crimped or damaged by sharp edges.

Rigging:

- Check that all external covers and rigging hardware are securely fastened.
- When choosing the installation-location, please make sure that the fixture is not exposed to extreme heat, moisture or dust. There should not be any cables lying around. You endanger your own and the safety of others.
- Make sure that the area below the installation place is cordoned off when rigging, de-rigging or servicing the fixture.
- If suspending from a rigging structure, fasten the fixture to a rigging clamp with an M10 bolt screwed into the threaded hole in the center of the base of the fixture. The bolt must be screwed at least 20-30mm (0.8-1.2ins.) into the fixture. If the fixture is suspended by any other method, an M10 bolt must be screwed into this hole so that it is at least 20-30mm (0.8-1.2ins.) into the fixture.
- Install as described in this manual a secondary attachment such as a safety wire that is approved by an official body. The safety wire must comply with EN 60598-2-17 Section 17.6.6 and be capable of bearing a static suspended load ten times the weight of the fixture.

Exterior surface temperature:

The exterior of this fixture can reach an untouchable temperature during operation. Avoid contact by persons and materials.

Main Connection:

- This fixture is for professional use only. It is not for household use.
- Always unplug the mains for any maintenance.

Risk of eye injury:

Do not stare directly into the light when it is switched on. (Do not look at LEDs with magnifying glasses, telescopes, binoculars, or similar optical instruments that may concentrate the light output.

Fixture Dimensions

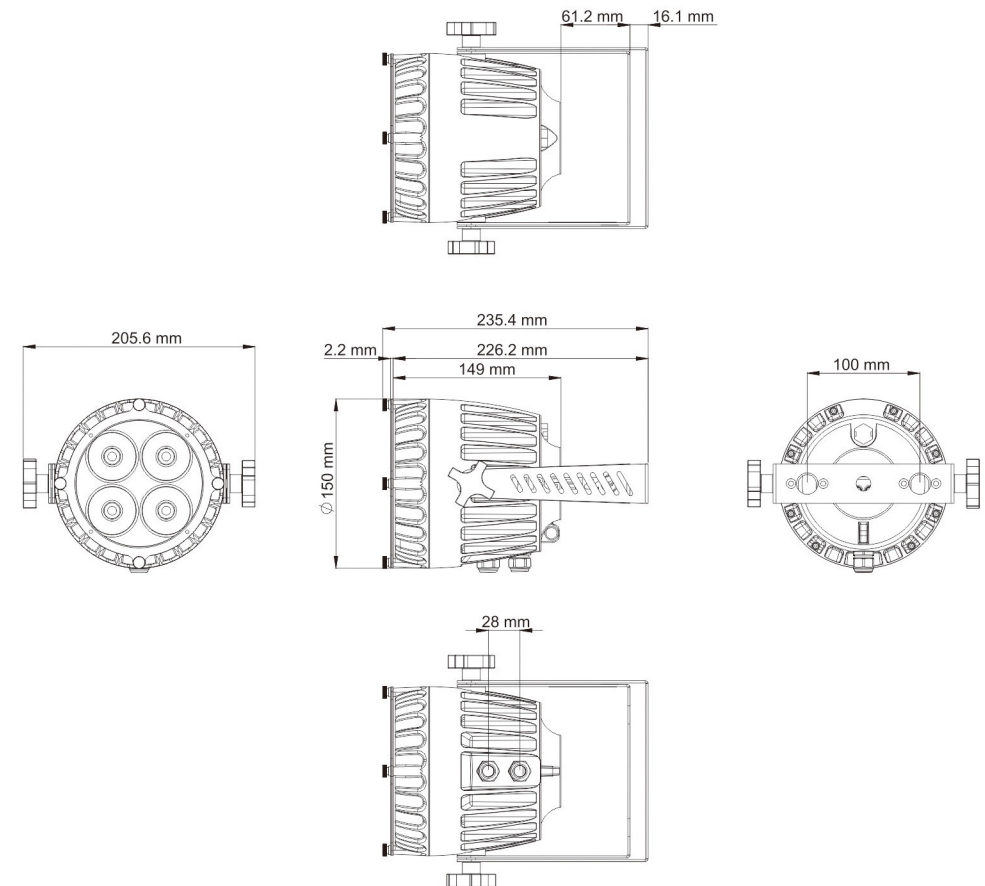


Figure 1

Rigging

The fixture can be placed directly on the stage floor or can be rigged on the structure via one fixture clamp in the following positions:

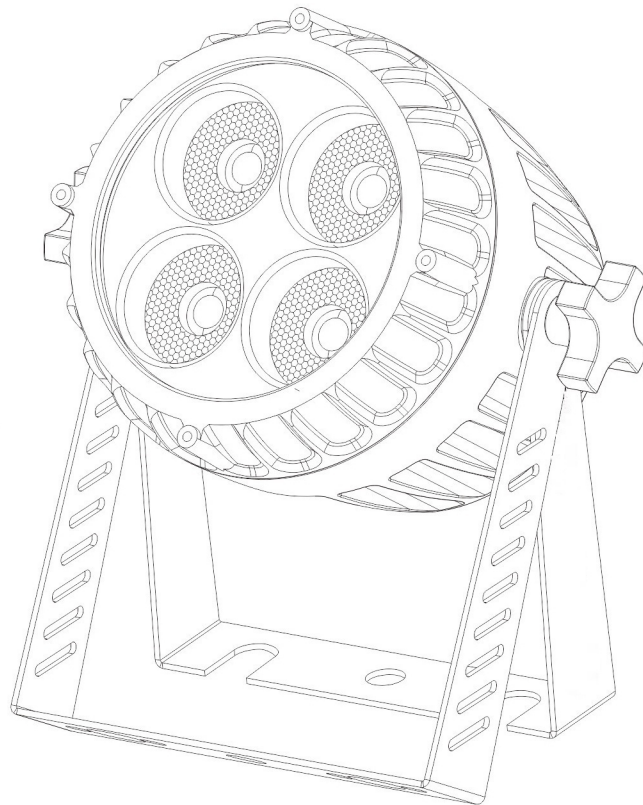


Figure 2

This fixture can be installed in any orientation. To adjust the angle by using the two adjustment knobs located on the side of the fixture.

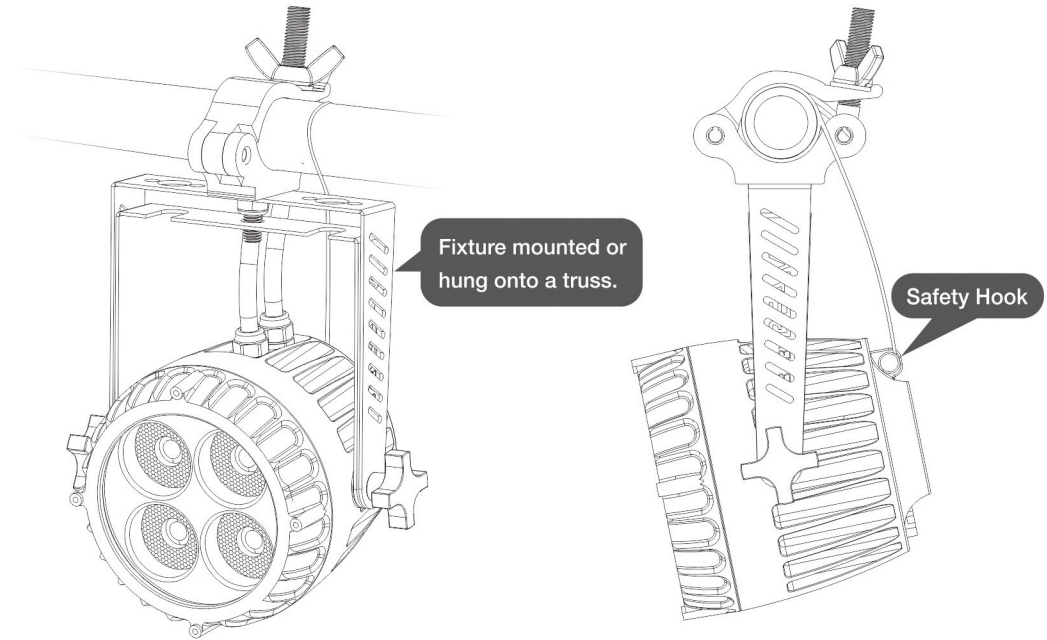
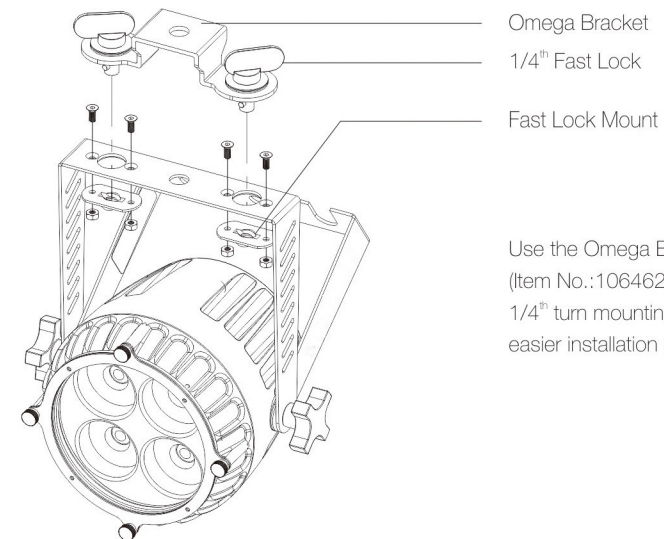


Figure 3

The mounting holes in the Omega holders have a diameter of 13 mm. Use the clamps with M10 bolts only. When mounting on truss or structure, be sure to use a mounting clamp and secondary secure attachment. (as above figure)

Secure fixture with safety wire in the back of the fixture.

Installation with Omega Bracket Mounting Kit with fast lock (Optional):



Use the Omega Bracket Mounting Kit for Babybeam (Item No.:106462) to mount with the 2 pre-fabricated 1/4th turn mounting inserts for a even more faster & easier installation of fixture trussing.

DMX512 Connection:

Connect the DMX512 controller to the units in series.

Each unit has 8 DMX channels*¹ so the DMX Addresses should increase by increments of 8 (e.g. 1,9,17...)

Each DMX Address may be used as many times as required.

Any DMX address in the range from 001 to 512 may be used.

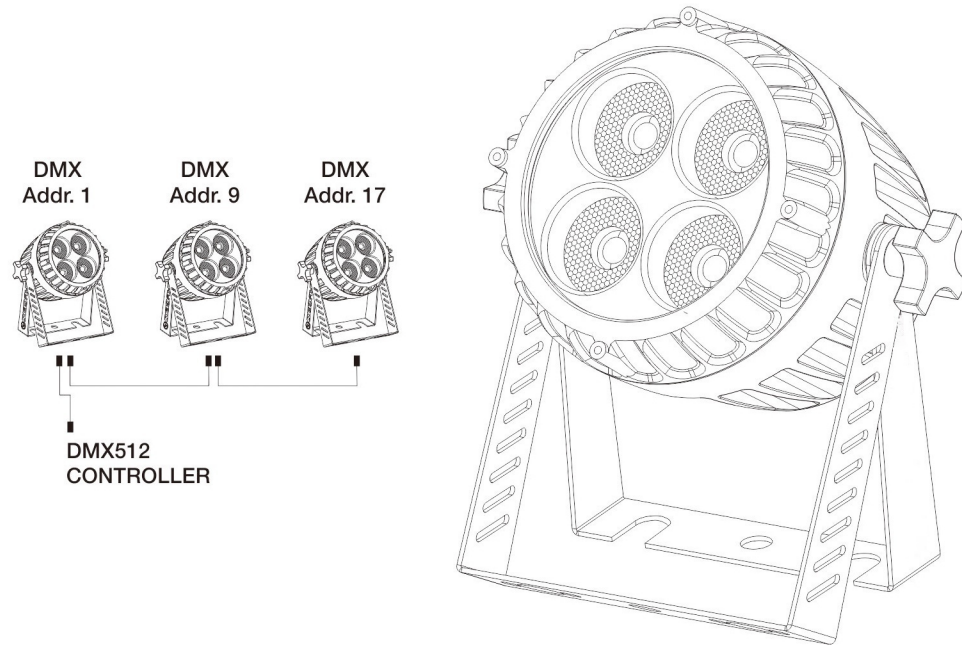


Figure 4

*¹ 8 DMX channels refer to the standard DMX mode, other DMX modes also available. Always set the increments according to the DMX modes and channels selected.

eventCON[®] Power+Data connector system:

The babybeam fixture is equipped with revolutionary eventCON[®] connector & to combine Power and Data into 1 connector and cable system. eventCON[®] system is consisted of the following:

- 1.eventCON[®] Power+Data IN connector(see figure 1)
- 2.eventCON[®] Power+Data OUT connector (see figure 2)
- 3.eventCON[®] Power+Data cable (see figure 3)

CAUTION!!

Only qualified electrician shall wire / solder these eventCON[®] system connector and cables. Contact your local distributor for more information if necessary.

Figure 1. eventCON[®] Power+Data IN connector:

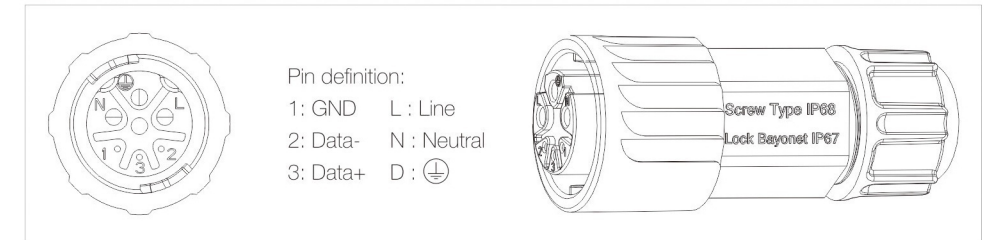


Figure 2. eventCON[®] Power+Data OUT connector:

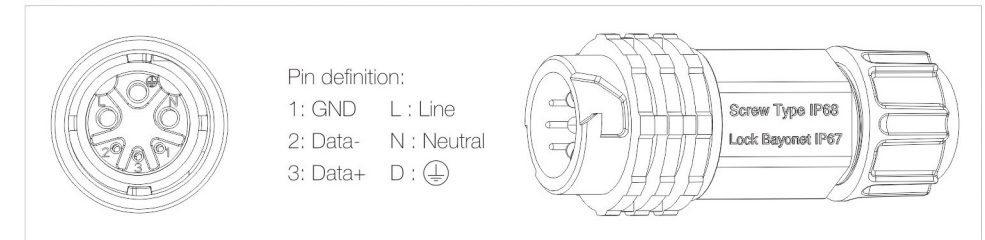
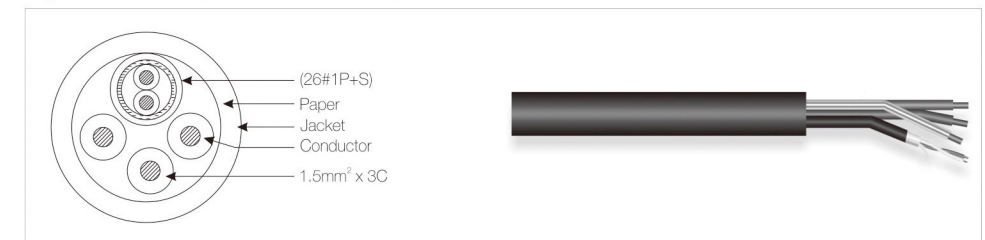


Figure 3. eventCON[®] Power+Data cable:



DMX IN

Mains IN

Input Splitter eventCON®

eventCON® OUT

eventCON® IN

eventCON®

Extension Cord eventCON®**

Diagram illustrating the connection of 16th eventCON® units. The diagram shows three units connected in a chain, with the 16th unit connected to the chain via an Input Splitter eventCON® PD1F/PD1M separate*.

Labels in the diagram include:

- eventCON®
- eventCON® Out
- DMX IN
- Input Splitter eventCON® PD1F/PD1M separate*
- 16th
- Connect to mains
- Cable Adapter eventCON®*
- Power OUT
- Power IN

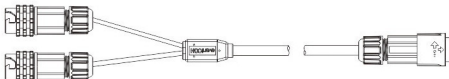
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Diagram illustrating the connection of two eventCON® floodlights to a power source. The floodlights are connected to an eventCON® OUT cable, which is plugged into an eventCON® IN cable adapter. The adapter is then connected to a Power OUT cable with three conductors labeled T1, T2, and T3.

Diagram illustrating the connection of two eventCON® stage lights to a DMX OUT cable. The lights are connected to an eventCON® OUT cable, which is then connected to an eventCON® IN cable. These two cables are joined using a Cable Adapter eventCON® / XLR-3*, which then connects to a DMX OUT cable.

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eventCON[®] Optional cable systems:

Description	Part Number		Picture
Output Splitter eventCON [®] PD1M / XLR-3 / Open (eventCON [®] to XLR & Power)	0.4M	105487	
Extension Cord eventCON [®] PD1 (eventCON [®] IN to OUT)	1M	105482	
	2M	105483	
	5M	105484	
	10M	105485	
Input Splitter eventCON [®] PD1F / PD1M Separate (2 eventCON [®] IN to eventCON [®] OUT)	0.4M	105488	
Cable Adapter eventCON [®] (Open-end to eventCON [®] IN)	2M	106298	
	5M	106299	
Cable Adapter eventCON [®] / Open Power Out (eventCON [®] IN to Power open)	2M	106300	
	5M	106301	
Cable Adapter eventCON [®] / XLR-3 DMX OUT (eventCON [®] IN to DMX OUT)	2M	106302	
	5M	106303	

Operating the fixture

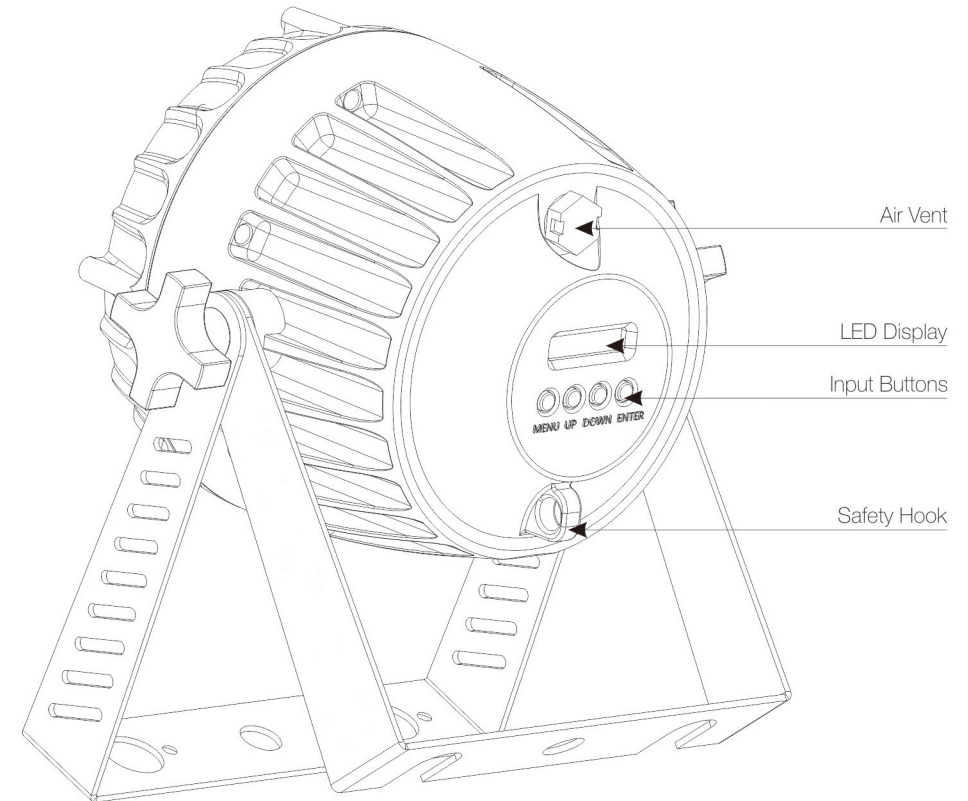
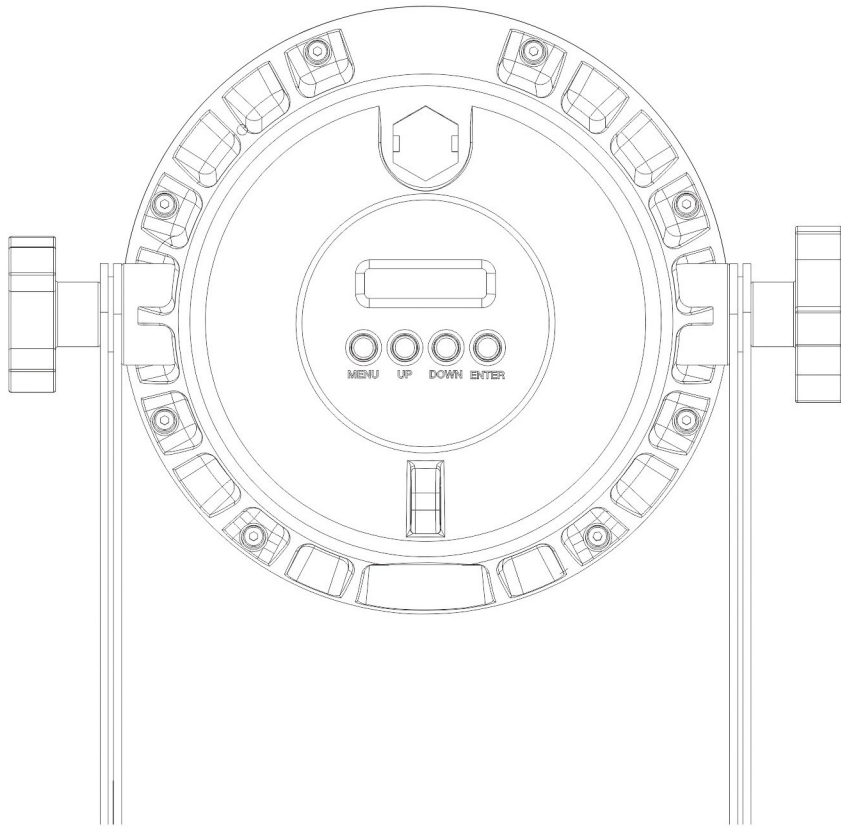
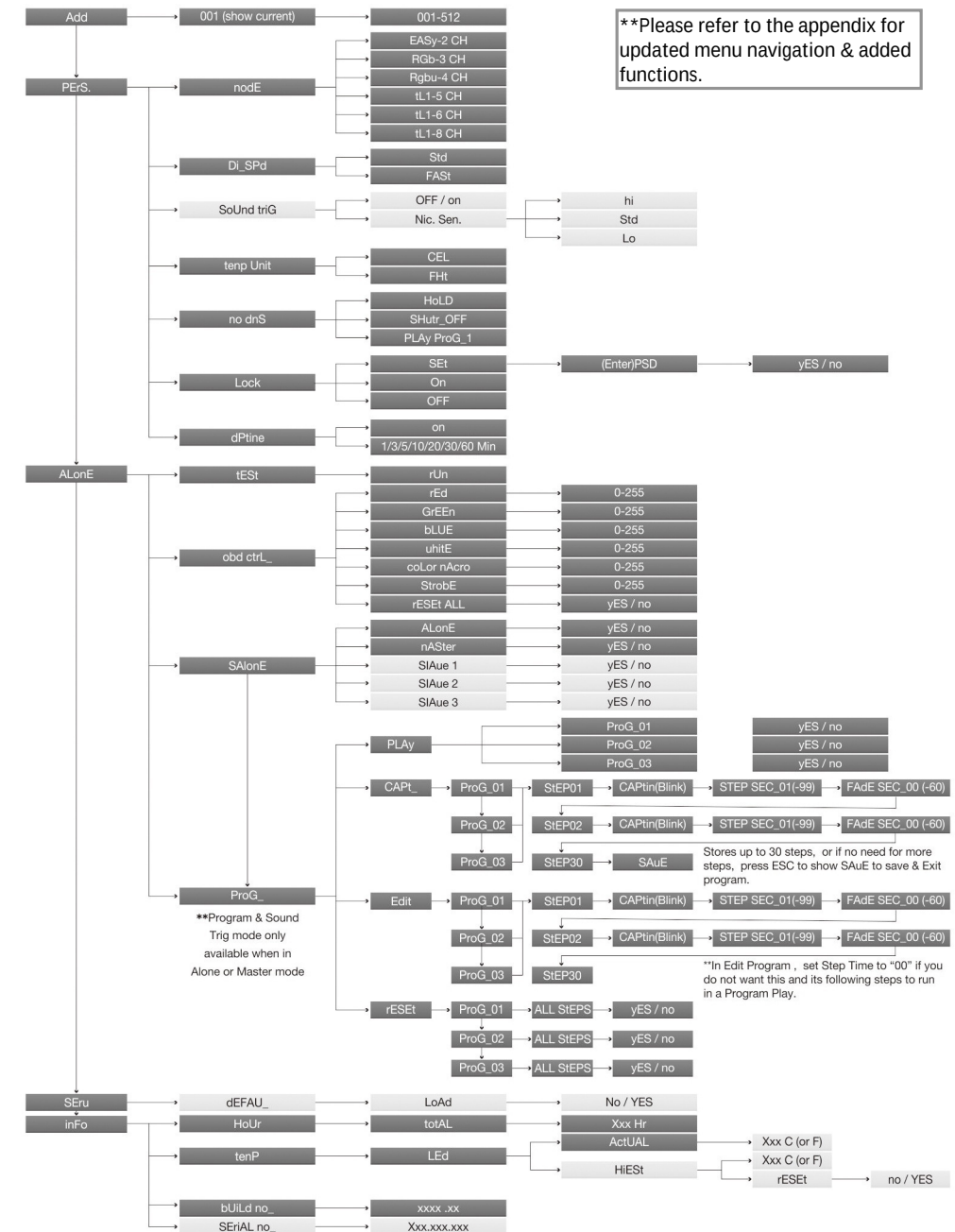


Figure 11



- | | |
|------------------|---|
| [MENU] | Up one level to the previous menu |
| [UP] | To increase the value of current function |
| [DOWN] | To decrease the value of current function |
| [ENTER] | To go into the menu or confirm the current selected menu / function value |



Operating the fixture in menu navigation for fixture settings:

The Babybeam fixture is programed with many built-in functions as well as different personalities to choose from for different applications. Read through the following menu navigation instruction properly before setting up the fixture in different desired personality or as simple as DMX address from the menu navigation system.

To navigate inside the fixture menu, use the following buttons on the back of the fixture for the following function:

- [MENU]** Go back to previous menu for 1 level backward.
- [UP]** Select the option to previous one.
- [DOWN]** Select the option to next one.
- [ENTER]** Confirm the option or go to next level menu.

When navigating in the Level 3 and further levels, there are in most scenarios, with various options to choose from. For any of the options you chose will be displayed in the first order when you access this particular level menu. See the following figure 13 for example.

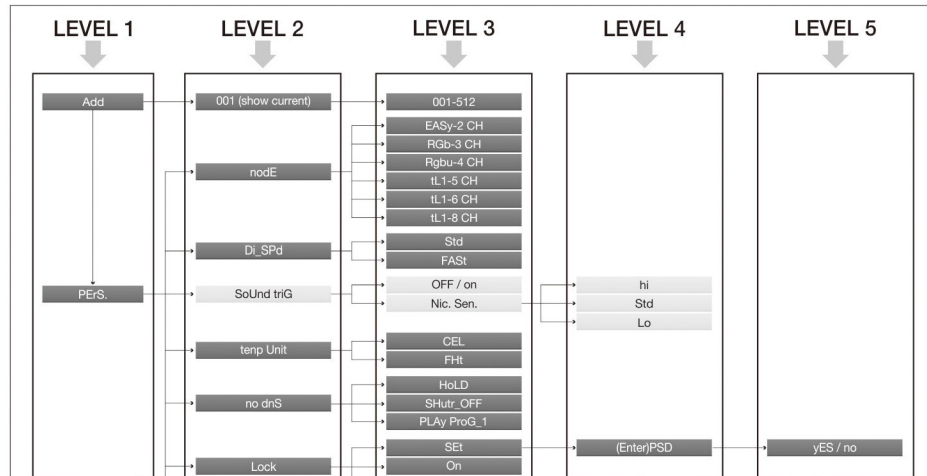


Figure 13 Menu example

To make a change to a new value, press "ENTER" and the options you're at will now be "Blinking" status in the LED display, use "UP" or "DOWN" button to choose a new value and press "ENTER" again and the option set will now be displayed consistently instead of blinking state. However, if you entered the option with in a blinking status and do not wish to set change to any value other than your previous one, press "MENU" will discard any changes not yet set to the fixture (display blinking), and go back to previously selected option with constantly lit LED display.

Note: Fixture menu marked in grey background indicates the "Default" fixture settings.

Fixture menu navigations:

1. **DMX Address ("Add"):** Set the DMX address of the fixture from 001 ~ 511 depending on the DMX Mode selected.
2. **Personality ("PerS"):** This is where you set up all the fixture personality settings in the following:

2.1: DMX Mode ("node"): Set the DMX from the following:

- "EASy-2 CH" : 2 Channel easy control mode in Color Wheel + Master Dimmer.
- "RGb-3 CH" : 3 Channel control mode in R / G / B.
- "RGbU-4 CH" : 4 CH control mode in R / G / B / W.
- "tL1-5 CH" : TL Compatible mode 1 with 5 Channel in Master Dimmer / R / G / B / W.
- "tL2-6 CH" : TL Compatible mode 2 with 6 Channel in Master Dimmer / R / G / B / W / Strobe.
- "Std-8" : Standard Babybeam control mode with more control channels in Color Wheel / R / G / B / W / Shutter / Master Dimmer / CTO.

2.2: Dimmer Speed ("Di_SPd") setting : Set the dimming speed between the following:

- Standard ("Std")
- Fast ("FAST")

2.3: Sound Trigger ("Sound triG"): Use sound trigger to automatically have sound to light effect.

2.3.1– Sound Trigger mode switch:

- Off ("oFF") : Sound trigger mode is disabled, fixture will not react to sound to play program steps.
- On ("on") : Sound trigger mode is enabled, fixture will react to sound to play program steps.

2.3.2– Microphone Sensitivity: Set the microphone sensitivity in the following, depending on the ambient music or noise respectively:

- High Sensitivity ("hi")
- Standard Sensitivity ("Std")
- Low Sensitivity ("Lo")

IMPORTANT: You must set up "Program 01" in Program ("ProG_") under Alone mode ("ALonE") to have sound trigger mode to access to the program data you saved to the fixture.

2.4: Temperature Unit ("tEnP"): Set the temperature display unit in the following:

- Celsius ("CEl")
- Fahrenheit ("FHT")

2.5: No DMX ("no dnS"): Set up the behavior when the DMX signal is removed or interrupted after 3 seconds:

- Hold ("HoLd") : Fixture will keep the last value received.
- Shutter Off ("SHutr_oFF"): Fixture will close the shutter off thus only cut off the light output.
- Play Program 1 ("PLAy ProG_1"): Fixture will play program 1 as emergency program.

IMPORTANT: You must set up "Program 01" in Program ("ProG_") under Alone mode ("ALonE") to have "No DMX, play program" to access to the program data you saved to the fixture.

2.6: Lock ("Lock"): Set the fixture with or without password protection against unauthorized access to the fixture settings. Fixture set with Lock will go into lock mode as soon as the display goes into sleep mode. On any press of the button will wake up the display and then request a correct 3-digit password to grant access to the menu.

- Set ("SEt"): Set a new 3-digit password to the fixture. Press enter to go to next level using "UP" and "DOWN" button for selection from 0~9. Press "ENTER" button again to set up the next digit one by one until all 3 digits are set.
- On ("on"): Enable the password protection. (You must set the 3-digit password first.)
- Off ("oFF"): Disable the password protection, upon any press on the input buttons, you can access to all the menu settings without password protection.

IMPORTANT: In the event of loss or forgotten password, hold the "UP" button then re-connect the power to bypass the password protection and get direct access to the fixture again.

2.7: Display Off Time ("dPtine"): Set the fixture display to dim off from the following settings:

- On ("on"): Display will be always lit.
- 1 / 3 / 5 / 10 / 20 / 30 / 50 / 60 minutes

3. Stand-Alone ("ALonE"): Using the built-in functions to perform lighting without the need of lighting console or DMX controllers.

3.1: Test Mode ("tESt"): Press "ENTER" in the test mode and select "Run" to perform a fixture self-testing program to examine if there are any malfunctioning of LEDs.

3.2: On-Board Controls ("Obd_ctrl"): Use the fixture with built-in controls in the following, use "UP" and "DOWN" button to select in between, then again use "UP" and "DOWN" to select to desired value.

- Color Wheel ("CoLoR UHEEL")
- RED ("rEd")
- GREEN ("GrEEn")
- BLUE ("BLuE")
- WHITE ("UHItE")
- Shutter ("SHutr_")
- Dimmer ("DinnEr")
- CTO ("Cto")

IMPORTANT: On-Board Controls does not work in "Slave" mode.

3.3: Stand-alone ("SALonE"), Master ("nAStEr"), Slave Mode ("SLAuE"): Set the fixtures in the following modes for different application:

- Alone ("ALonE") mode : Fixture will be controlled by DMX signal input, use DMX light console or controller box to control the fixture.
- Master ("nAStEr") mode: This fixture will now be ready to send "Synchronized" pre-programmed Program Data (See Page 18, unit 3.4 for how to set up a program into fixture) to other "Slave 1", "Slave 2" and "Slave 3" fixtures. The Master fixture will be able to generate 3 programs at the same time for Slave 1, Slave 2 & Slave 3, playing individual programs saved in the Master.
- Slave ("SLAuE 1", "SLAuE 2", "SLAuE 3") mode: Set the fixture to "Slave 1" will output the "Program 1" from the "Master", "Slave 2" will output the "Program 2" from the "Master", and "Slave 3" will output the "Program 3" from the "Master".

IMPORTANT: Before setting the fixture from "Alone" mode to either "Master" or "Slave" mode, be sure to disconnect the DMX in source to avoid data collision. Do not attempt to set the fixture to "Master" or "Alone" mode when the DMX input source are still connected to the fixture.

3.4: Program ("ProG_") mode: Use the program mode to Capture("CAPt"), Edit ("Edit"), Play ("PLAy") and Reset ("rESEt") program in built-in memory.

3.4.1– Play ("PLAy") Program: Select between Program 1, Program 2, and Program 3 to play a pre-recorded ("CAPt_") programs as stand-alone.

3.4.2– Capture ("CAPt_") DMX: Use this built-in function to capture / record the DMX value from any DMX lighting console or DMX light controller box.

To Capture DMX and save to Program, follow the instruction below:

1. Select "CAPt_" under "ProG_" in "ALonE" menu.
2. Choose the Program number you wish to save to: ProG_1, ProG_2, or ProG_3 from the menu.
3. Once confirmed by pressing ENTER, the fixture will prompt starting from "StEP01", press "ENTER" will prompt to "CAPtin" with blinking display, and adjust your desired DMX value from your console or controller, then press Enter to confirm capturing of this DMX image into internal storage.
4. Next set up the "Hold" time from "00" ~ "99" seconds using the UP and DOWN button, and press ENTER again to confirm set of time.
5. Next set up the "Fade" time from "00" ~ "60" seconds using the UP and DOWN button, and press ENTER again to confirm set of time. This complete 1 setup of STEP in a Program, and will be prompt to the next step to capture more step in this program. You must set up one step after another to complete more steps in sequence. Follow this procedure to set up more programs steps using DMX Capture function.
6. If no need to store any further steps, press MENU button to Go back to main menu to end DMX capture in this program.

3.4.3– Edit ("Edit") a program: Use Edit program to edit any stored program that you saved into the fixture in Program 01, 02, 03. To edit an existing program, follow the instruction below:

1. Choose a "Program" that you already saved into the fixture such as "ProG_1", "ProG_2" or "ProG_3" under "ProG_" in "ALonE" menu.
2. Select "Step" that you wish to edit with UP or DOWN button to any of previously saved steps directly.
3. Press ENTER will prompt "CAPtin" for re-capturing a new DMX value, press ENTER to confirm, or if you wish not to change the previously captured DMX value, use UP or DOWN button to select "SkIP" to skip this process and keep previous DMX value.
4. Press ENTER will be prompted to "HoLd" time, set the desired hold time from 01-99 seconds, or set the time to "00" will temporarily disable this step being played in this program until you set a Hold time to it other than "00" seconds.
5. Press ENTER again to set up the "FAde" time again from "00" to "60" seconds.
6. If no need to edit any further steps, press MENU button to Go back to main menu to end edit step in this program.

3.4.4– Reset ("rESEt") a program: Use reset to completely reset / delete a saved program.

1. Select "rESEt" under Program in "ALonE" mode.
2. Press ENTER and select from the "ProG_1", "ProG_2" or "ProG_3" you wish to reset.
3. Press ENTER and choose "yES" to confirm, or choose "no" to cancel.
4. Once completed, press MENU button to go back to previous menu.

4. Fixture Service ("SEru") menu:

4.1: Default ("dEFAU"): Use default function to restore any previous changes set in the Menu.

Choose "dEFAU" with ENTER and select "LoAd" with UP or DOWN button, and press ENTER and select "yES" to confirm restoring back to default values.

5. Fixture Information ("inFo"): Use the "inFo" function to read the fixture status for the following:

5.1: Hour ("HoUr") / toTAL: the total fixture running time since fixture is powered on. Unit displayed is in hour format.

5.2: Temperature ("tEnP"): The temperature on the LED board measured, will be displayed in Celsius or Fahrenheit according to your setting in temperature unit preference in fixture Personality.

5.2.1– Actual ("ActUAL"): Indicates the current temperature measured.

5.2.2– Highest ("HiESt"): Indicates the highest temperature measured. Use UP or DOWN button to select "rESEt" to clear current highest temperature record.

5.3: Software Build Info ("bUiLd no"): Displays the current software build version.

5.4: Serial No. ("SEriAL no"): Displays the serial number of the fixture.

DMX Control Modes

EAsy-2 Mode

EASY-2 DMX mode		
CH	Value	Function
1	0-255	COLOR WHEEL (See Color Wheel Table)
2	0-255	MASTER DIMMER

RGb-3 Mode

RGB-3 DMX mode		
CH	Value	Function
1	0-255	RED
2	0-255	GREEN
3	0-255	BLUE

RGbU-4 Mode

RGBW-4 DMX mode		
CH	Value	Function
1	0-255	RED
2	0-255	GREEN
3	0-255	BLUE
4	0-255	WHITE

tL1-5 Mode

TL1-5 DMX mode		
CH	Value	Function
1	0-255	MASTER DIMMER
2	0-255	RED
3	0-255	GREEN
4	0-255	BLUE
5	0-255	WHITE

DMX Control Modes

tL2-6 Mode

TL2-6 DMX mode		
CH	Value	Function
1	0-255	MASTER DIMMER
2	0-255	RED
3	0-255	GREEN
4	0-255	BLUE
5	0-255	WHITE
6	0-255	STROBE

std-8 Mode

STD-8 DMX mode		
CH	Value	Function
1	0-255	Color Wheel (See Colorwheel Table)
2	0-255	RED
3	0-255	GREEN
4	0-255	BLUE
5	0-255	WHITE
6		SHUTTER
	0-15	Shutter closed
	16-47	Shutter pulse (random effects / slow to fast)
	48-79	Ramp up (random effects / slow to fast)
	80-111	Ramp down (random effects / slow to fast)
	112-143	Ramp up & down (random effects / slow to fast)
	144-199	Strobe pause effect (slow to fast / 5s - 0.1s)
	200-239	Strobe effect (slow to fast / 1 Hz - 10 Hz)
	240-255	Shutter open
7	0-255	MASTER DIMMER
8	0-255	CTO

Color Wheel

Value	Function
0-5	No Function / Inactive, color mixing with RGBW
6-10	LEE 790-Moroccan Pink
11-15	LEE 157-Pink
16-20	LEE 332-Special Rose Pink
21-25	LEE 328-Follies Pink
26-30	LEE 345-Fuchsia Pink
31-35	LEE 194-Surprise Pink
36-40	LEE 181-Congo Blue
41-45	LEE 071-Tokyo Blue
46-50	LEE 120-Deep Blue
51-55	LEE 079-Just Blue
56-60	LEE 132-Medium Blue
61-65	LEE 200-Double CT Blue
66-70	LEE 161-Slate Blue
71-75	LEE 201-Full CT Blue
76-80	LEE 202-Half CT Blue
81-85	LEE 117-Steel Blue
86-90	LEE 353-Lighter Blue
91-95	LEE 118-Light Blue
96-100	LEE 116-Medium Blue Green
101-105	LEE 124-Dark Green
106-110	LEE 139-Primary Green
111-115	LEE 089-Moss Green
116-120	LEE 122-Fern Green
121-125	LEE 738-JAS Green
126-130	LEE 088-Lime Green
131-135	LEE 100-Spring Yellow
136-140	LEE 104-Deep Amber
141-145	LEE 179-Chrome Orange
146-150	LEE 105-Orange
151-155	LEE 021-Gold Amber
156-160	LEE 778-Mellennium Gold
161-165	LEE 135-Deep Golden Amber
166-170	LEE 164-Flame Red
Color Wheel Rotating Effect	
171-185	Color Wheel Rotating Clockwise (Fast - Slow)
186-190	Color Wheel Rotating Stop
191-205	Color Wheel Rotating Counter-Clockwise (Fast - Slow)
206-210	Color Wheel Rotating Stop
Random Color	
211-225	Fast - Slow
White Colors	
226-230	White-2700K
231-235	White-3200K
236-240	White-4200K
241-245	White-5600K
246-250	White-7200K
251-255	White-8000K

Technical Specification

Light Source

- 4 x 15W class RGBW LED
- Rated Lumen output: 1,000 lm
- Led life expectancy: approx. 50,000 hours

Optical System

- ConstantColor™ Optics
- Beam angle 8°

Functions

- RGBW, 8 bit color mixing
- SteadyColor™ Dimming
- Seamless CTO
- Virtual color wheel with 39 colors including whites (2,700 K, 3,200 K, 4,200 K, 5,600 K, 7,200 K and 8,000 K)
- High resolution dimmer 0–100%
- Selectable Dimmer Curves
- Strobe with variable speed (max. 20Hz)
- Pre-programmed random strobe & pulse effects

Thermal

- Maximum ambient temperature: 40°C (103°F)
- Internal noiseless Fan

Control and Programming

- Setting & Addressing: 1x6 characters LED display & 4 input buttons
- Protocol: USITT DMX-512
- Control channels: 2, 3, 4, 5, 6, 8
- 6 DMX protocol modes
- 3-editable programs, each up to 30 steps
- Stand-alone mode
- Firmware Update via DMX-Line
- DMX IN/OUT: eventCON®
- Power IN/OUT: eventCON®

Electrical Specification

- Electronic switching power supply with auto-sensing
- Input voltage: 100–240V AC, 50/60 Hz
- Max. power consumption: 45 W

Mechanical Specification

- IP67 rating
- Height with bracket: 231.8 mm (9.12 ")
- Height without bracket: 153.8 mm (6.05 ")
- Width: 205.6 mm (8.09 ")
- Depth: 158 mm (6.22 ")
- Weight: 2.7 kg (5.95 lbs)

CE Markings

- 2006/95/EC (LVD)
- 2004/108/EC (EMC)
- 2011/65/EU (RoHS)

Rigging

- Centered M10 hole in bracket
- Pre-fabricated fittings for two 1/4" turn mounting inserts for Omega bracket (sold separately)
- 1 attachment point for safety wire

Included Accessories

- 18° Diffusor kit
- 58° Diffusor kit
- 4 mountings screws for Diffusor kits
- Cable Merger eventCON® / Schuko + XLR-3

Optional Accessories

- Case for 16 x Babybeam
- Omega Bracket Mounting Kit
- eventCON® Cables
- Firmware Updater

Trouble Shooting

Problems	Causes	Solutions
No Display / Not switched on	No power to fixture	Check AC mains power and connections.
		Inspect connections and cables. Correct poor connections. Repair or replace damaged cables.
		Check the power supply voltage.
Fixture does not respond to DMX correctly	Incorrect fixture DMX addressing	Check if the fixture is assigned to correct DMX address. (See Page 15)
	Incorrect DMX mode	Check fixture is set to correct DMX mode. (See Page 15)
	Fault on data link	check for the data link is correctly linked from the DMX source if all cables are in good condition.
	Fixture is set to "Slave" or "Master" mode.	Set the fixture to "Alone" mode in: Alone \ SAlone (See Page 17)
	Other device on DMX link defective.	Unplug XLR IN and OUT connectors and connect them directly together to bypass one fixture at a time until normal operation is regained.
Fixture built-in program function does not play light programs.	Data transmission lines should be terminated.	Insert termination plug in OUTPUT of the last fixture on the link.
	No programs saved in fixture	Use DMX capture function to capture your steps in a program. (See Page 18)
	Program steps with no time setting	Set program steps with "Hold time" with at least 01 seconds. (See Page 18)
Sound Trigger mode does not react to Sound	Program not set to run	Inside the program play, choose a program to play and set "rUn".
	No programs saved in fixture / Program_01	Use DMX capture function to capture your steps in program_01. (See Page 18)
	Sound Trigger mode not enabled	Enable Sound trigger mode. (See Page 15)
Slave fixtures does not have light outputs.	Sound Trigger sensitivity too low.	Set the Microphone sensitivity to "hi". (See Page 15.)
	No fixtures in DMX line was set to "Master".	Set at least 1 fixture to "Master" in alone mode. (See Page 13)
	No programs saved inside Master fixture to generate program play.	Use DMX capture function to capture your steps in a program. (See Page 18)
LED display works but no light outputs can be generated.	Master fixture is not, either set to "play" or "sound trigger" program play.	Set up the master fixture to "Play program" or enable "Sound Trig" to automatically play saved programs.
	Faulty DMX link	Run built-in test mode or OBD control mode to verify if LEDs are illuminated.
	Broken parts / wires / LEDs	Have fixtures serviced by Ehrgeiz service technicians.

Maintenance:

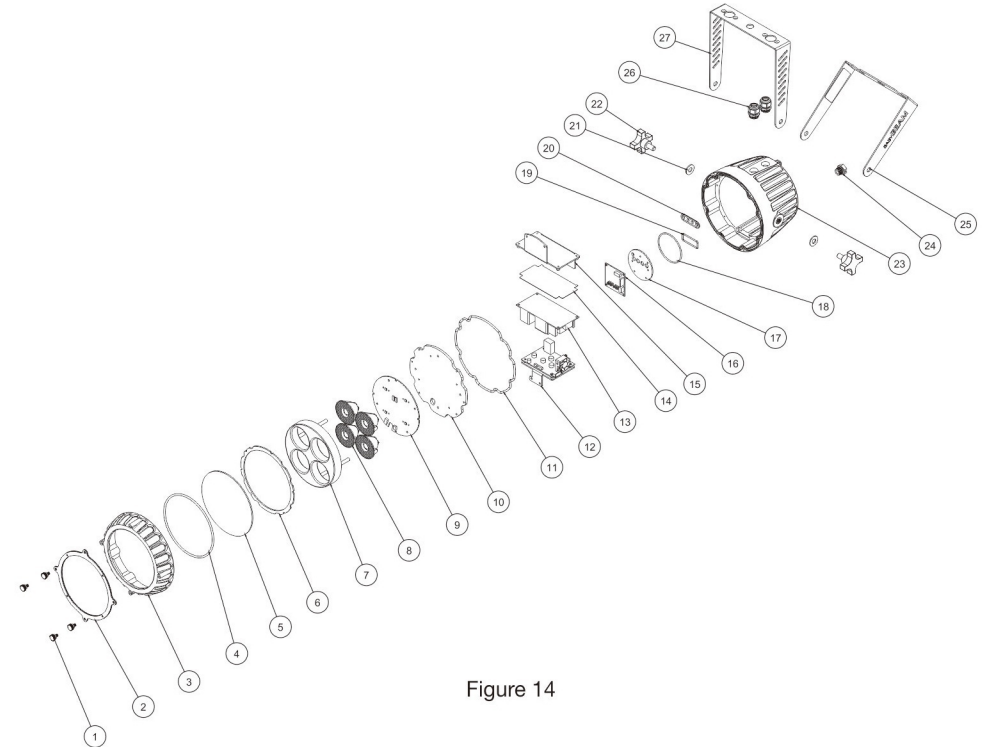


Figure 14

No.	Description	Part No.	No.	Description	Part No.
1	Diffusor Holder Screw x4		15	PSU Heat-Sink	
2-1	Diffusor Kit 18 deg.		16	Control Board	
2-2	Diffusor Kit 58 deg.		17	Rear Water-sealing Plate	
3	Fixture Housing Top		18	Bottom Water-sealing O-Ring	
4	Top Water-sealing O-Ring-1		19	Water-sealing O-ring	
5	Front Lens		20	Water-sealing Rubber for Input Button	
6	Clamp		21	Standing Bracket Rubber Stop	
7	Lens Holder		22	Bracket Securing Screw Knob	
8	8 Deg. LED Lens		23	Fixture Housing Base	
9	Babybeam4 LED Board		24	Waterproof Air Ventilation Valve	
10	LED Board Heat-Sink		25	Fixture Bracket A(LOGO)	
11	Top Water-sealing O-Ring-2		26	Waterproof PG Glands	
12	Driver Board Bracket Sub Assy A		27	Fixture Bracket B	
13	Power Supply Unit (PSU)		28		
14	Power Isolation Mylar		29		



Appendix: Menu Navigation

Firmware version: 1.0.0.6

Main Menu	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7		
Add	DMX	001* - 510	001* - 509						
Pers	Mode (DMX)	Std-8*							
		Easy-2							
		rgb-3							
		rgbw-4							
	tl1-5								
		tl2-6							
	Dimmer_Speed	Fast*							
		Smooth							
	Dimmer_Curve	Linear*							
		S-Curve							
	Mic_Level	Std*							
		Low							
	Temp Unit	Hi							
		Cel*							
	No DMX	Fht							
		Hold*							
Alone	Lock	Close							
		OFF* (/ On)							
	Set	*****							
	Disp_Time	On							
		1 Min*							
		5 Min							
		60 Min							
	Test	On							
		Off*							
	Static	Red	0-255						
Green		0-255							
Blue		0-255							
White		0-255							
Dimmer		0-255							
Color Macros		0-255							
SAIone	Shutter	0-255							
	Reset								
	Alone*								
	Master								
	Slave 1								
	Slave 2								
Service	Prog	Slave 3							
		Play	Prog 1						
			Prog 2						
			Prog 3						
		Edit	Step01	DMX in	Hold00				
				Red	0-255				
				Green	0-255				
				Blue	0-255				
				White	0-255				
				Dimmer	0-255				
	Reset	Macro	0-255						
		Shutter	0-255						
		Save	Hold00						
		Step02....	"						
		Speed1							
		same as above							
Info	Calibration	Speed2							
		Prog 3							
		Speed3							
		Prog 1							
		Prog 2							
		Prog 3							
Default	On*								
	Off								
	No*								
	Yes								
	xxx								
	Actual	xxx C / F							
Firmware	Max	xxx C / F							
	1001_								
	Axxx								
	Serial								