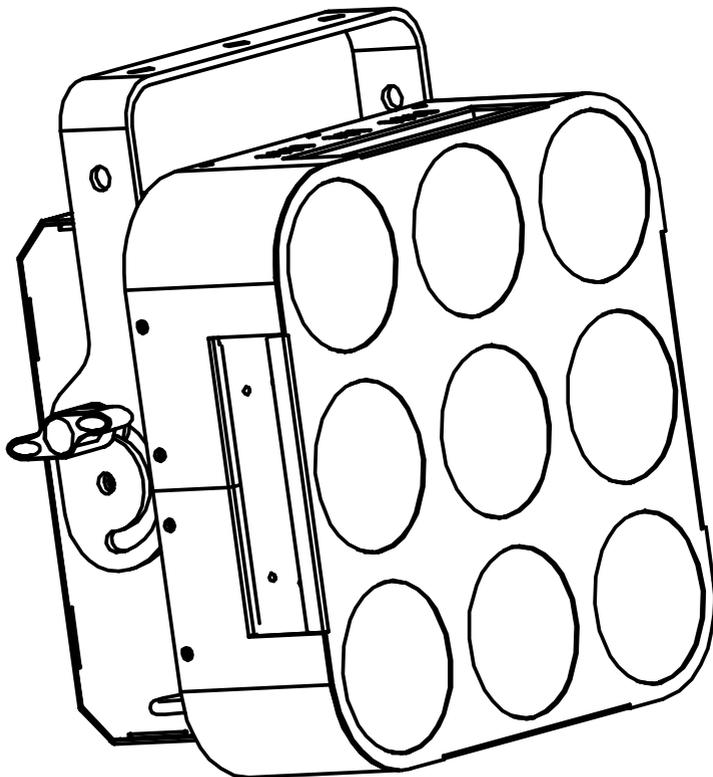


PIXXEN



PIX9W33

9X9W LEDS BLINDER WITH LCD DISPLAY

1 - Safety information

Important safety information



This unit is intended for indoor use only. Do not use it in a wet, or extremely cold/hot locations. Failure to follow these safety instructions could result in fire, electric shock, injury, or damage to this product or other property.



This product contains non-isolated electrical components. Do not undertake any maintenance operation when it is switched on as it may result in electric shock.



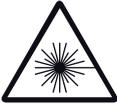
Any maintenance procedure must be performed by a CONTEST authorised technical service. Basic cleaning operations must thoroughly follow our safety instructions.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



WARNING : This unit contains no user-serviceable parts. Do not open the housing or attempt any maintenance by yourself. In the unlikely even your unit may require service, please contact your nearest dealer. In order to avoid any electrical malfunction, please do not use any multi-socket, power cord extension or connecting system without making sure they are perfectly isolated and present no defect.



Warning

This product is equipped with Class 2 LEDs. Please avoid looking directly at the beam as it may cause severe eye injuries.



Risk of electrocution

To prevent the hazard of electric shocks, do not use extension cords, multi-socket or any other connection system without making sure metal parts completely are out of reach.



Recycling your device

- As HITMUSIC is really involved in the environmental cause, we only commercialise clean, ROHS compliant products.
- When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

Symbols used



This symbol signals an important safety precaution.



The CAUTION symbol signals a risk of product deterioration.



The WARNING symbol signals a risk to the user's physical integrity. The product may also be damaged.



Note : The legislation requires that every device set up in a public space features a double fixation bracket. This security system must hold 10 times the weight of the device.

Instructions and recommendations

1 - Please read carefully :

We strongly recommend to read carefully and understand the safety instructions before attempting to operate this unit.

2 - Please keep this manual :

We strongly recommend to keep this manual with the unit for future reference.

3 - Operate carefully this product :

We strongly recommend to take into consideration every safety instruction.

4 - Follow the instructions:

Please carefully follow each safety instruction to avoid any physical harm or property damage.

5 - Avoid water and wet locations :

Do not use this product in rain, or near washbasins or other wet locations.

6 - Installation :



We strongly encourage you to only use a fixation system or support recommended by the manufacturer or supplied with this product. Carefully follow the installation instructions and use the adequate tools.

Always ensure this unit is firmly fixed to avoid vibration and slipping while operating as it may result in physical injury.

7 - Ceiling or wall installation :

Please contact your local dealer before attempting any ceiling or wall installation.

8 - Ventilation :

The cooling vents ensure a safe use of this product, and avoid any overheating risk.

Do not obstruct or cover these vents as it may result in overheating and potential physical injury or product damage. This product should never be operated in a closed non-ventilated area such as a flight case or a rack, unless cooling vents are provided for the purpose .

9 - Heat exposure :

Sustained contact or proximity with warm surfaces may cause overheating and product damages. Please keep this product away from any heat source such as a heaters, amplifiers, hot plates, etc...

10 - Electric power supply :



This product can only be operated according to a very specific voltage. These information are specified on the label located at the rear of the product.

11 - Power cords protection:



Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at lugs, convenience receptacles and the point where they exit from the fixture.

12 - Cleaning precautions :



Unplug the product before attempting any cleaning operation. This product should be cleaned only with accessories recommended by the manufacturer. Use a damp cloth to clean the surface. Do not wash this product.

13 - Long periods of non use :



Disconnect the unit's main power during long periods of non use.

14 - Liquids or objects penetration :



Do not let any object penetrate this product as it may result in electric shock or fire. Never spill any liquid on this product as it may infiltrate the electronic components and result in electric shock or fire.

15 - This product should be serviced when :



Please contact the qualified service personnel if :

- The power cord or the plug has been damaged.
- Objects have fallen or liquid has been spilled into the appliance.
- The appliance has been exposed to rain or water.
- The product does not appear to operate normally.
- The product has been damaged.

16 - Inspection/maintenance :

Please do not attempt any inspection or maintenance by yourself. Refer all servicing to qualified personnel.

17 - Operating environment :



Ambient temperature and humidity: +5 - +35°C, relative humidity must be less than 85% (when cooling vents are not obstructed).

Do not operate this product in a non-ventilated, very humid or warm place..

2 - Main characteristics

This projector is equipped with 9x9W tricolour LEDs with an optical system designed to focus beams and have more impact.

Even though the PIX9W33 is a blinder -designed to create blinding flash effects, its incredible color rendering and brightness can be put to profit for ambient lighting or decoration.

- **Features:**

- Black metal housing
- Suspension bracket
- Rear display
- Internal thermal protection

- **Functions:**

- Drop-down display to:
 - › Configure the DMX address
 - › Choose the number of channels 2, 3, 4, 5, 6, 27 or 30 channels
 - › Step/Fade programs selection
 - › Choose the preset colours
 - › Slave mode
 - › Multi-slave mode to create sequences with multiple devices
 - › Music-sensitive mode with mic sensitivity settings

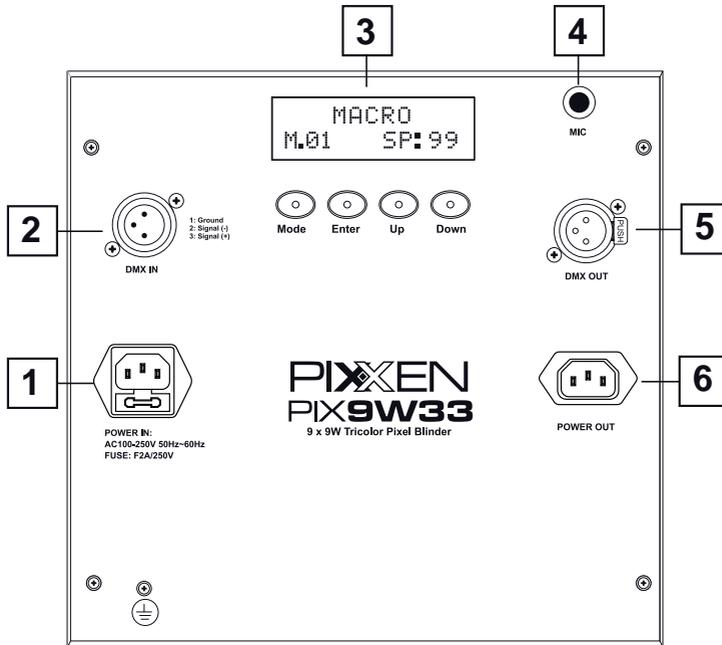
- **Package contents:**

- The package must contain the following products:
 - › A projector
 - › A user guide
 - › An IEC 2 pole + earth power cord

3 - Technical specifications

- 9 LEDs
- 9W tricolour LEDs
- Beamwidth: 25°
- 3-pin XLR DMX input/output
- Power input/output via 5-pin IEC sockets (daisy chain up to 5 projectors)
- Power consumption: 110W
- Power consumption: 100/240V, AC - 50/60Hz
- Thermo-regulated cooling system
- Dimensions: 260 x 260 x 180 mm
- Net weight: 4,9 Kg

4 - Description



1 Power input socket

Allows you to plug the projector.
Please make sure the voltage is in adequation with the product indications.

Fuse : If need to replace the fuse, please make sure the new fuse has exactly the same characteristics as the original one.

2 DMX input

3-pin female XLR plug hardwired as follows :

- Mass: 1
- Negative signal: 2
- Positive signal: 3

3 Menu buttons

MODE button

Allows you to access menus and select a function.

ENTER button

Allows you to configure the parameters of the functions chosen with the MODE button.

UP and DOWN buttons

Allow you to increase/decrease the adjustable values or browse the submenus.

3 Display

This intuitive display allows you to configure your projector.
Please refer to the next paragraphs for more details about the projector configuration.

4 Microphone

Used for music-sensitive modes.

5 DMX output

3-pin male XLR plug hardwired as follows :

- Mass: 1
- Negative signal: 2
- Positive signal: 3

6 Power output socket

Allows you to daisy chain up to 5 projectors with an IEC cord.

5 - Internal menu

5.1 - Submenus and functions

MODE	ENTER	UP and DOWN	Action
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">MACRO C:XX FS:XX</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">MACRO M:XX SP:XX</div> MACRO MODE	1 : Selection 2 : Speed	1 : Colours and macros selection 2 : Strobe or speed settings	Fixed colours selection and sequences. In this mode the LEDs change their colour at the same time. - If a colour has been selected pressing ENTER gives you access to strobe settings. - If a macro has been selected pressing ENTER gives you access to speed settings.
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">PATTERN P:XX SP:XX</div> PATTERN MODE	1 : Selection 2 : Sequences speed	1 : Patterns selection 2 : Speed settings	Patterns selection. In this mode the LEDs act independently, like a chaser.
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">PATTERN INVERT ON/OFF</div> PATTERNS INVERSION	Activates the function	ON or OFF	This function reverses the patterns.
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">AUTO RUN SP:XX</div> AUTOMATIC MODE	Speed settings	Speed from 1 - 99	Patterns are launched one after another at the speed selected via the SP submenu.
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">AUDIO MODE SENS:XX</div> MUSIC-SENSITIVE MODE	Mic sensitivity settings	Sensitivity from 1 - 99	Patterns are launched one after another and are music-sensitive. The SENS determines the mic sensitivity.
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">MULTI MS MASTER:Y/N</div> MULTI-SLAVE MODE	1 : Activates the function 2 : Number of slaves selection	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">MULTI MS SLAVE 1</div> ----- <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">MULTI MS SLAVE 10</div>	Allows you to spread patterns across several PIX9W33 units (up to 10 max). Please refer to next page for more details about this function.
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">NO DMX MODE XXXXX</div> NO DMX MODE	Configures the projector reaction when no DMX signal is detected	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">NO DMX MODE CLOSE</div> ----- <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">NO DMX MODE HOLD</div> ----- <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">NO DMX MODE AUTO</div> ----- <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">NO DMX MODE AUDIO</div>	Close : The projector blacks-out Hold : The projector holds onto the last information received Auto : Switches to Auto mode Audio : Switches to music-sensitive mode
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">SLAVE MODE</div> SLAVE MODE	Activates the slave mode		The unit is in slave mode and awaits a signal from another PIX9W33.
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">DMX MODE ADDR:XXX CH:XX</div> DMX ADDRESS & NUMBER OF CHANNELS (The display will flash is the DMX signal is interrupted)	1 : DMX address 2 : Number of channels	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">DMX MODE ADDR:XXX CH202</div> ----- <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">DMX MODE ADDR:XXX CH203</div> ----- <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">DMX MODE ADDR:XXX CH204</div> ----- <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">DMX MODE ADDR:XXX CH205</div> ----- <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">DMX MODE ADDR:XXX CH206</div> ----- <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">DMX MODE ADDR:XXX CH248</div> ----- <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">DMX MODE ADDR:XXX CH251</div>	2 channels: Macros, Patterns and Dimmer 3 channels: R / G / B 4 channels: R / G / B / Dimmer, Strobe 5 channels: R / G / B / Dimmer / Strobe 6 channels: R / G / B / Dimmer, Strobe / Speed and Macros / Patterns 27 channels: Each colour is controlled individually for each LED 30 channels: Each colour is controlled individually for each LED / Dimmer, Strobe / Speed and Macros / Patterns

5.2 - Macros and colours details

C.01	MACRO	Red
C.02	MACRO	Orange
C.03	MACRO	Yellow
C.04	MACRO	Green
C.05	MACRO	Cyan
C.06	MACRO	Blue
C.07	MACRO	Pink
C.08	MACRO	Magenta

C.09	MACRO	Cool white
C.10	MACRO	Warm white
M1	MACRO SP:XX	Colour macro 1: step, with speed settings
M2	MACRO SP:XX	Colour macro 2: fade, with speed settings
M3	MACRO SP:XX	Colour macro 3: fade, with speed settings
M4	MACRO SP:XX	Colour macro 4: fade, with speed settings
M5	MACRO SP:XX	Colour macro 5: fade, with speed settings

5.3 - Macros behaviour

Macro 1	M1 MACRO SP:XX	10 fixed colours sequencing (Red, Orange, Yellow, Green, Cyan, Blue, Magenta, Pink, Cool white and Warm white). Step transitions.
Macro 2	M2 MACRO SP:XX	10 fixed colours sequencing (Red, Orange, Yellow, Green, Cyan, Blue, Magenta, Pink, Cool white and Warm white). Crossfade transitions.
Macro 3	M3 MACRO SP:XX	Non-stop crossfade from Red to Orange
Macro 4	M4 MACRO SP:XX	Non-stop crossfade from Green to Blue
Macro 5	M5 MACRO SP:XX	Non-stop crossfade from Warm white to Cool white

5.4 - MULTI MS mode configuration

The MULTI MS mode allows you to spread patterns across several units.

For instance:

1 - If you have 2 units:

- a - For the first unit, access the MULTI MS menu and select M/S : YES and SL2
- b - For the second unit, access the MULTI MS menu and select M/S : NO and SL1
- c - Set the first unit in PATTERN mode and configure the speed.

2 - If you have 3 units:

- a - For the first unit, access the MULTI MS menu and select M/S : YES and SL3
- b - For the second unit, access the MULTI MS menu and select M/S : NO and SL2
- c - For the third unit, access the MULTI MS menu and select M/S : NO and SL1
- d - Set the first unit in PATTERN mode and configure the speed.

In brief:

- The master unit has the highest SL number (SL1, SL2, SL3, ...etc).
- The unit with the highest SL number must be switched in PATTERN mode to launch an animation.
- Please note: Non-master units must NOT be put in SLAVE mode.

6 - The various DMX modes

6.1 - 2-channel mode

CHANNEL 1		CHANNEL 2			
DMX values	Effect	DMX values	Effect		
000 - 010	Off	000 - 255	if channel 1 between 000 and 112 Dimmer from 0 - 100%		
011 - 020	Red				
021 - 030	Orange				
031 - 040	Yellow				
041 - 051	Green				
052 - 061	Cyan				
062 - 071	Blue				
072 - 081	Purple				
082 - 092	Magenta				
093 - 102	Cool white (6000°K)				
103 - 112	Warm white (3200°K)				
113 - 122	Colour macro 1			000 - 245	Iff channel 1 between 113 and 245 Increasing speed
123 - 133	Colour macro 2				
134 - 143	Colour macro 3				
144 - 153	Colour macro 4				
154 - 163	Colour macro 5				
164 - 174	Pattern 1				
175 - 184	Pattern 2				
185 - 194	Pattern 3				
195 - 204	Pattern 4				
205 - 215	Pattern 5				
216 - 225	Pattern 6				
226 - 235	Pattern 7				
236 - 245	Pattern 8				
246 - 255	Auto sequencing	246 - 255	Music-sensitive mode		

Note :

- The colour macros are described in paragraph 5.3.
- The Auto sequencing includes the 10 preset colours, macros and patterns in a loop.

6.2 - 3-channel mode

	DMX value	Effect
CHANNEL 1	000 - 255	Red from 0 - 100%
CHANNEL 2	000 - 255	Green from 0 - 100%
CHANNEL 3	000 - 255	Blue from 0 - 100%

6.3 - 4-channel mode

	DMX value	Effect
CHANNEL 1	000 - 255	Red from 0 - 100%
CHANNEL 2	000 - 255	Green from 0 - 100%
CHANNEL 3	000 - 255	Blue from 0 - 100%
CHANNEL 4	000 - 189	Main dimmer from 0 - 100%
	190 - 250	Slow to fast strobe
	251 - 255	Full power

6.4 - Mode 5 canaux

	DMX values	Effect
CHANNEL 1	000 - 255	Red from 0 - 100%
CHANNEL 2	000 - 255	Green from 0 - 100%
CHANNEL 3	000 - 255	Blue from 0 - 100%
CHANNEL 4	000 - 255	Main dimmer from 0 - 100%
CHANNEL 5	000 - 015	No function
	016 - 255	Slow to fast strobe

6.5 - 6-channel mode

CANAL 6		CANAL 5	CANAL 4	CANAL 3	CANAL 2	CANAL 1	
DMX values	Colours, Macros, Patterns	Strobe	Dimmer, Speed, Music-sensitive	Blue	Green	Red	
000 - 010	No function	Between 000 and 015 No function	if channel 6 between 000 and 112 Main dimmer (000 - 255) From 0 - 100%	If channel 6 between 000 and 010			
011 - 020	Red	Strobe (016- 255) From slow to fast		if channel 6 between 113 and 245 Macros speed and patterns (000 - 245) From slow to fast	(000 - 255) From 0 - 100%	(000 - 255) From 0 - 100%	(000 - 255) From 0 - 100%
021 - 030	Orange						
031 - 040	Jaune						
041 - 051	Vert						
052 - 061	Cyan						
062 - 071	Bleu						
072 - 081	Violet						
082 - 092	Magenta						
093 - 102	Blanc froid (6000°K)						
103 - 112	Blanc chaud (3000°K)						
113 - 122	Macro 1						
123 - 133	Macro 2						
134 - 143	Macro 3						
144 - 153	Macro 4						
154 - 163	Macro 5						
164 - 174	Pattern 1						
175 - 184	Pattern 2						
185 - 194	Pattern 3						
195 - 204	Pattern 4						
205 - 215	Pattern 5						
216 - 225	Pattern 6						
226 - 235	Pattern 7						
236 - 245	Pattern 8						
246 - 255	Auto sequencing		Music-sensitive mode				

Note :

- The colour macros are described in paragraph 5.3.
- The Auto sequencing includes the 10 preset colours, macros and patterns in a loop.

6.6 - 27-channel mode

Channel	DMX values	Function
Channel 1	000 - 255	LED1 Red from 0 - 100%
Channel 2	000 - 255	LED1 Green from 0 - 100%
Channel 3	000 - 255	LED1 Blue from 0 - 100%
---	---	---
Channel 25	000 - 255	LED9 Red from 0 - 100%
Channel 26	000 - 255	LED9 Green from 0 - 100%
Channel 27	000 - 255	LED9 Blue from 0 - 100%

6.7 - 30-channel mode

CHANNEL 30		CHANNEL 29	CHANNEL 28	CHANNEL 1 to 27		
DMX value	Colours, Macros, Patterns	Strobe	Dimmer, Speed, Music-sensitive	Blue	Green	Red
000 - 010	No function	Between 000 and 015 No function	If channel 30 between 000 and 112 Main dimmer (000 - 255) From 0 - 100%	If channel 30 between 000 and 010		
011 - 020	Red	Strobe (016 - 255) From slow to fast		(000 - 255) From 0 - 100%	(000 - 255) From 0 - 100%	(000 - 255) From 0 - 100%
021 - 030	Orange					
031 - 040	Yellow					
041 - 051	Green					
052 - 061	Cyan					
062 - 071	Blue					
072 - 081	Purple					
082 - 092	Magenta					
093 - 102	Cool white (6000°K)					
103 - 112	Warm white (3000°K)					
113 - 122	Macro 1		If channel 30 between 113 and 245 Macros speed and patterns (000 - 245) From slow to fast	(000 - 255) From 0 - 100%	(000 - 255) From 0 - 100%	(000 - 255) From 0 - 100%
123 - 133	Macro 2					
134 - 143	Macro 3					
144 - 153	Macro 4					
154 - 163	Macro 5					
164 - 174	Pattern 1					
175 - 184	Pattern 2					
185 - 194	Pattern 3					
195 - 204	Pattern 4					
205 - 215	Pattern 5					
216 - 225	Pattern 6	Music-sensitive mode	(000 - 255) From 0 - 100%	(000 - 255) From 0 - 100%	(000 - 255) From 0 - 100%	
226 - 235	Pattern 7					
236 - 245	Pattern 8					
246 - 255	Auto sequencing					

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