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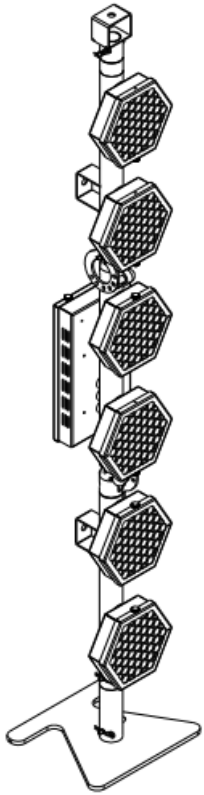
lights

P2 hexaline

USER MANUAL



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Designed and made in Poland, EU

Welcome!

Dear User,

Thank you for choosing our P2 Hexaline. We are proud of delivering you the highest quality, the greatest design and the real passion with our product. Each fixture in Portman P range is different, but all of them ensure you the best performance and support your creativity.

If you have any questions, suggestions or require additional information contact us at:

support@portmanlights.com

FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE YOUR INITIAL START-UP!

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Safety information

WARNING This product is for professional use only! It is not for household use.

P2 Hexaline presents risk of lethal or severe injury due to heat, electric shock, fire or falls. Intense and flashing light could trigger epileptic seizures. Read this manual before your initial start-up and follow the safety information in this manual and engraved on the fixture.

Every person involved with the installation, operation and maintenance of this device has to be qualified.

Before your initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

Please consider that damages caused by manual modifications to the device are not subject to warranty.

CAUTION! Keep this device away from rain and moisture!

CAUTION! Be careful with your operations! With a dangerous voltage you can suffer an electrical shock when touching the fixture and wires!

CAUTION! During the operation the fixture surface becomes very hot. Allow the device to cool approximately 30 minutes prior to manipulating with it. Keep a minimum 1 meter distance from flammable materials to all exterior surfaces of the fixture.

CAUTION! Avoid looking directly into the light source (meant especially for epileptics)!

CAUTION! Unplug mains lead before opening the housing, installing the lamp or the fuse. Allow the device to cool approximately 1 hour prior to manipulating with it.

Protection against electrical shock

- Disconnect the fixture from AC power when not in use.
- Disconnect the fixture from AC power before any operation.
- Do not remove the rear cover. There are no user-serviceable parts inside.
- Always ground the fixture electrically.
- Use only the wires attached to the kit.
- Use only a source of AC power that complies with local building and electrical codes and has both overload and ground-fault protection.
- Do not expose the fixture to rain or moisture.
- Replace the lamp or fuse only as described.

Protection against burns and fire

- Never operate when the fixture is damaged or some part is missing.
- Do not touch surface when the fixture is in operation. The exterior of the fixture can reach temperatures up to 100°C (212°F). Allow the fixture to cool approximately 30 minutes before any operation.
- Replace the lamp when it becomes defective or worn out.
- Never attempt to bypass the fuse. Always replace defective fuses with ones of the specified type and rating.
- Keep all combustible and flammable materials (for example fabric, wood, paper) at a distance of at least 1 meter away from the fixture. Do not cover the fixture when in operation and when it is hot.
- Do not modify the fixture.
- Do not operate the fixture if the ambient air temperature exceeds 45°C (113°F).
- Do not operate the fixture after extreme change of surrounding environment temperature. Allow the fixture to acclimate for at least an hour before operating.

Protection against falls

- Use only attached base and addons to mount the fixture and always use attached spigot and cotters
- Never use more than one unit on base or on hanging clamp without additional safety support
- Never change position of hinges without additional safety support.
- Ensure that the structure can hold at least 10 times the weight of all installed devices..
- Ensure that all fixtures are attached correctly to the structure, after having checked that the housing is firmly closed and all screws are tightly fastened and use an approved means of secondary attachment such as a safety cable.
- Block access below the work area whenever installing or removing the fixture.

Protection against eyesight damage and epileptic seizure

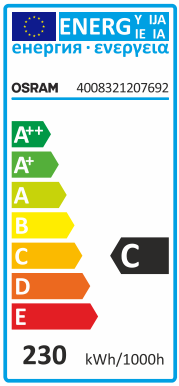
- Do not stare directly into the light. Never look at an exposed lamp while it is lit.
- Provide advance notice that flash light is in use.
- Avoid long cycles of rapid flashing light.

Technical specification

dimensions	1910 x 205 x 170 mm (height with hanging clamp and height adapter)
weight	9 kg + 3kg (base)
input voltage	240V 50Hz/60Hz
power consumption	max 1 900 W
light source	230W R7s 118mm (max 300W)
color temperature	2900 K
DMX channels	6
connectors	2 x 3pin DMX 2 x 5pin DMX 1 x AC powerCON TRUE 1
other features	built-in dimmers built-in display and buttons RDM Wireless Solution W-DMX ready (W-DMX module not included)

Appliance class I

IP20



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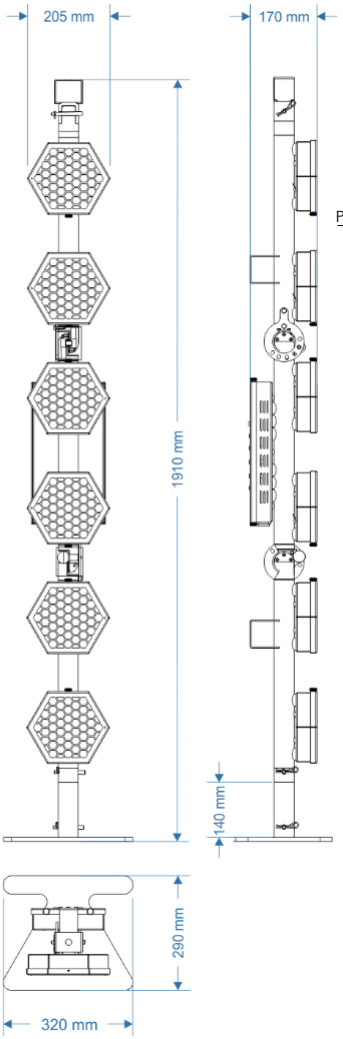
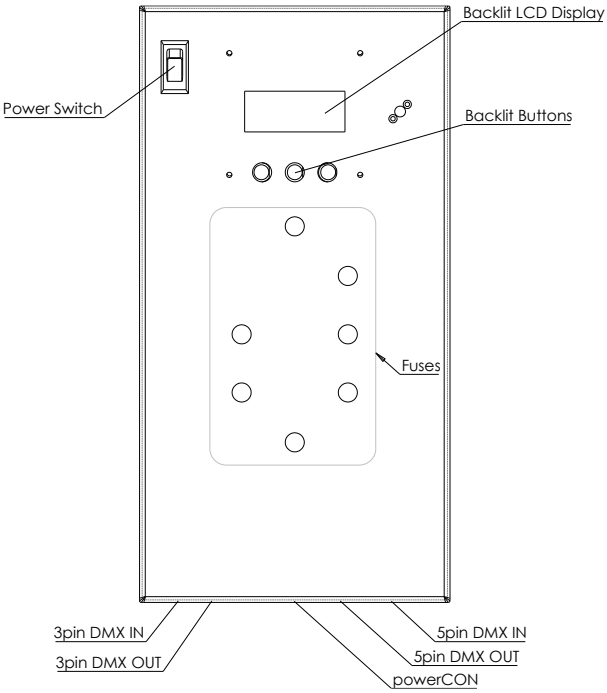
Fixture Overview

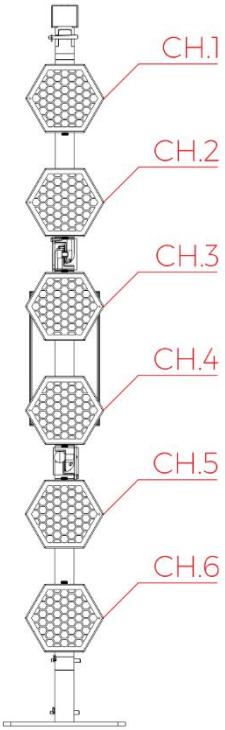
Dimensions





DMX chart

DMX channel	DMX VALUE	function
CH.1	0 – 255	0 - 100% smooth dimming
CH.2	0 – 255	0 - 100% smooth dimming
CH.3	0 – 255	0 - 100% smooth dimming
CH.4	0 – 255	0 - 100% smooth dimming
CH.5	0 – 255	0 - 100% smooth dimming
CH.6	0 – 255	0 - 100% smooth dimming



Kit contents

- 1 x Portman P2 hexaline
- 1 x base
- 1 x height adaptor
- 1 x hanging adaptor
- 3 x spigots with cotters
- 1 x spare bulb
- 1 x AC power wire (powerCON TRUE1)
- 1 x USER MANUAL

Preparation for use

AC power connection

The Portman Lights P2 Hexaline must be installed at 200-240V and 50/60Hz. Fixture automatically detects the alternating current frequency. To power the fixture simply plug in the powerCon TRUE1 and set the switch to "ON". Use only high quality 2.5 mm diameter or larger power feed cables. Make sure you are always connecting the fixtures to a protected circuit with appropriate electrical ground. Do never connect the fixture to a dimmer plug, even if it supplies proper current.

Only qualified electricians in accordance with all known electrical regulations can install the fixtures.

The P2 comes with power input cord terminated with powerCON TRUE1 on one end and Uni - Schuko plug on the other end (for European market). If your cord has got no Uni – Shuko plug, or you want to change the plug follow the rules from table below:

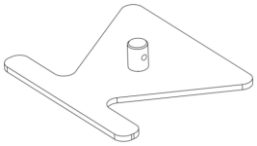
Connection		EU wires	US wires
Live	L	Brown	Black
Neutral	N	Blue	White
Earth	⏚	Green/Yellow	Green or Green/Yellow

REMEMBER! Only qualified person can change or install the plug!

Installation

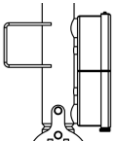
Before mounting the fixture read and follow the safety recommendations indicated in the Safety Information.

The Portman P2 Hexaline may be installed on attached base (also using the size adaptor), hang on 2 points on the back of the fixture using rigging clamps or hang using hanging adaptor. The fixture and the hanging adaptor have 15 mm hole for spigot or rigging clamp. Before rigging operations make sure, that the structure onto which you are mounting the fixtures can withstand the weight of all of the fixtures. Check if there is enough room for ventilation, configuration and maintenance in a location where you want to place the fixture. You must secure every hanged fixture with appropriate safety wire.

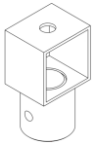


base

height adaptor



mounting point on the back

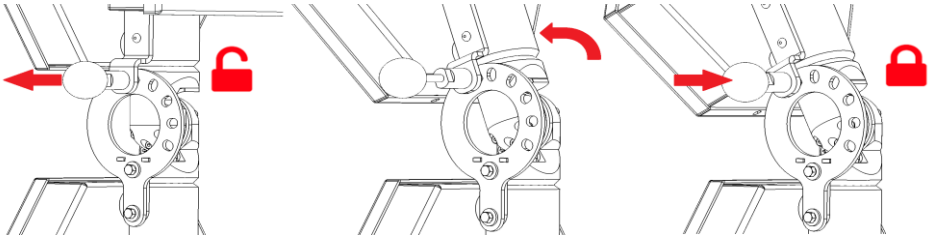


hanging adaptor

REMEMBER! Always use attached spigots and cotters to install or hang the fixture using base, height adaptor or hanging adaptor.

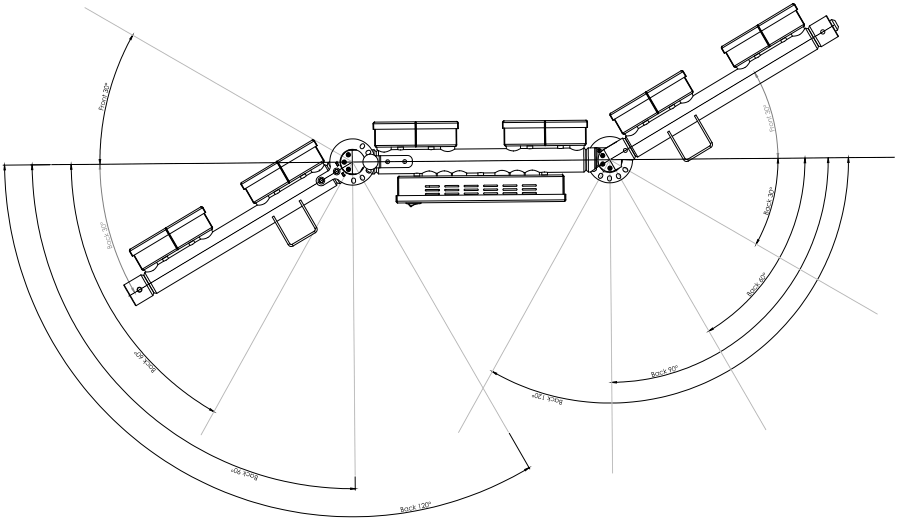
REMEMBER! Never use more than one unit on base or on hanging clamp without additional safety support.

To change the angle of the fixture's hinge, use the rounded spigot. Always hold both parts of the fixture!



- Pull the rounded spigot,
- change the position,
- lock the spigot in the right hole,
- check the lock.

Each arm can be moved from -30deg to +120deg.

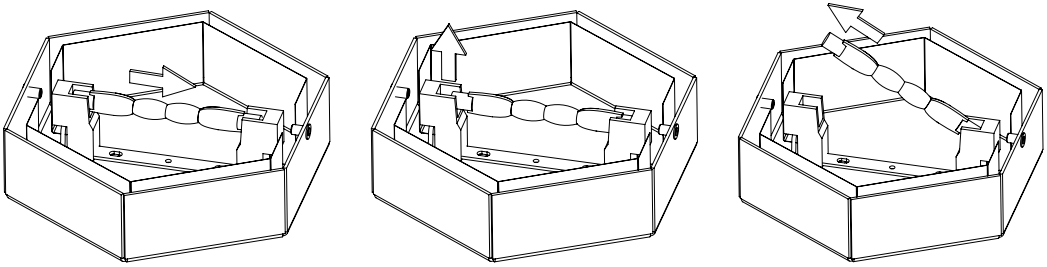


REMEMBER! Never change position of hinges without additional safety support.

Lamp and fuse replacement

To replace the lamp:

- Disconnect the fixture from AC power.
- Make sure the fixture and lamps are cool.
- Open the front cover by releasing a screw located on top of the front cover.
- Gently push the lamp towards one of the mounting brackets and remove the used lamp by pulling it up.
- Put the new lamp onto the mounting brackets.
- Do not touch the new lamp with bare hands. Use gloves or a cloth to hold the lamp.
- Close the front cover and fasten the screw before applying power.



REMEMBER! Always use safety glasses to protect your eyes when changing a lamp!

Inspect the front covers and the front cover safety mesh before you use the fixture. If you will notice any damages, holes in the mesh, or if the mesh will get loose, do not use the fixture and immediately swap the front cover for a new one.

To replace the fuse:

- Disconnect the fixture from AC power.
- Make sure the fixture is cool.
- Fuses are located on the back cover of the fixture.
- To unscrew the fuse holder use “flat-blade” screwdriver. First gently push the cover of the fuse holder and rotate it a quarter turn clockwise.
- After you unlock cover of the fuse holder pull it up and replace the fuse.
- Put the cover with new fuse back to the fuse holder, gently push it with screwdriver in the proper orientation and rotate it a quarter turn counterclockwise.

Operation modes

The Portman P3 PIX3L can work in three operation modes: Wired DMX mode, Wireless DMX mode (if the WDMX card is installed) and standalone mode. You can link The P3 PIX3L to a DMX controller using a 5 pin DMX wires, or Wireless Solution Sweden hardware (if WDMX card is installed). You can control each channel individually whether with a DMX controller or a manual control build in the fixture. The P3 PIX3L has got only one 3-channel DMX personality and it does support RDM.

RDM

RDM (Remote Device Management) is an enhancement of DMX 512 protocol and allows the bi-directional communication between DMX consoles and fixtures. It works simultaneously with DMX 512 and on the same lines and wires. RDM is not affecting non-RDM devices in a line, however non-RDM devices can disrupt communication with console. RDM allows you to change the fixtures options (such as DMX address) without even touching neither ladder or fixture's buttons. P3 PIX3L fully supports the RDM standards.

Standalone mode

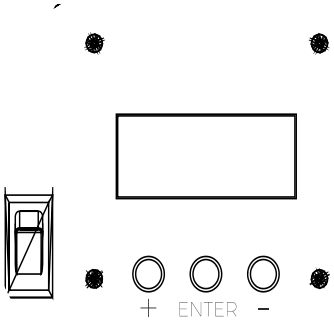
The fixture works in standalone mode when it's not receiving DMX signal whether wired or wireless. You can adjust the brightness of all light sources at once, or you can control each source individually from the "MANUAL CONTROL" option in the menu (refer to the "Menu" chapter to learn how to manually control halogens). To enter menu simply hold enter for 2 seconds.

DMX 512 modes

The fixture automatically switches into DMX mode after receiving DMX data. To learn how to change the DMX address or signal source (wired or wireless) refer to the "Menu" chapter. When the fixture works in the wired DMX mode You can daisy chain fixtures using 5 pin DMX wires. When daisy chaining remember, that you can connect up to 32 devices per DMX 512 universe. Always terminate the DMX 512 line, put the terminator into last device's DMX OUT XLR socket. When the fixture works in the wireless mode (only when WDMX card is installed) it is receiving DMX 512 signal from Wireless Solution Sweden transmitters and can send the signal throughout the 5 pin DMX OUT XLR socket. You can put the fixture with WDMX card installed as a first fixture in a line and use it as a WDMX receiver. The P3 PIX3L supports bi - directional WDMX TRX module. It means, that the fixture supports RDM in wireless mode too. To link P3 with W-DMX transmitter first use "UPAIR ALL WDMX DEVICES" option from menu, than turn the scanning mode in the transmitter. Transmitter will link with all unlinked devices. For more detailed information please refer to your transmitter's user manual.

Menu

Navigation buttons are located under the LCD display on the back panel. To enter the menu hold enter button for 2 seconds. To navigate the menu use the "+" and "-" buttons. To exit the menu from any level hold enter for 2 seconds or use the exit function. For confirming simply push the enter button.



Menu map

Main section	Level 1		Description
ADDRESS	1 - 509		Sets up the DMX start address.
DMX INPUT	WIRED		Changes the DMX input to wired (default). In this mode fixture is receiving DMX signal from the DMX IN 5 pin XLR socket.
	WIRELESS		Changes the DMX input to wireless. This mode works only when WDMX card is installed. Fixture is receiving DMX data from WDMX card.
RDM INFO	MANUFACTURER		Shows the name of the fixture's manufacturer.
	DEVICE NAME		Shows the fixture's name given by manufacturer.
	DDEVICE LABEL		Shows the fixture's name given by user.
	RDM ID		Shows the fixture's RDM unique ID number.
UNPAIR WDMX			Unlinks all linked Wireless Solution Sweden WDMX transmitters.
MANUAL CONTROL	ALL CHAN:	0-100%	Controls the intensity of all channels at once.
	CHAN. 1	0-100%	Individually controls the intensity of selected channel.
	CHAN. 2	0-100%	
	CHAN. 3	0-100%	
EXIT			Exits from main section of the menu to main screen.

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