



FUZZIX PLF12 Party Par RGB DMX Instruction Manual

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FUZZIX

FUZZIX PLF12 Party Par RGB DMX



Product Information

Specifications

- Product colour: Black
- Light source: Single colour LED
- LED colour: Red, Green, Blue
- LED power (single LED): 2W
- Quantity of LEDs: 12
- Beam angle : 0°
- Field angle: 37°
- Illuminance : 3.933 lx @ 1m
- IP rating : IP20
- DMX channels : 3, 7
- DMX connection: 3-in XLR
- Modes: Automatic programs, DMX, Manual, Master/Slave
- Power consumption : 0.23 – 0.166A
- Power supply : 100-240VAC 50/60Hz
- Dimensions (L x W x H): 150 x 150 x 70mm
- Weight (kg) : 0.35

The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

The products referred to in this manual conform to the European Community Directives to which they are subject:

Product Usage Instructions

Precautions

1. Read the manual thoroughly before using the product.
2. Do not open the housing as it contains voltage-carrying parts.
3. Avoid placing metal objects or liquids into the product.
4. Avoid heat sources, vibrating surfaces, and covering ventilation holes.
5. Use the product with an earthed mains outlet protected by a 10- 16AA fuse.

Usage Guidelines

- Secure the product with a safety chain if ceiling mounted.
- Avoid looking directly into the high-intensity LED light.
- Avoid repeatedly switching the product on and off to prolong its lifespan.
- Keep the unit out of reach of children and never leave it unattended.

Safety Measures

1. Do not expose the product to rain or moisture to prevent a fire and shock hazard.
2. If not in use for a long period, unplug it from the mains to prevent condensation.
3. Ensure proper cooling by leaving space around the unit and avoiding inflammable materials nearby.

Congratulations on the purchase of this Max product. Please read this manual thoroughly before using the product to benefit fully from all features. Read the manual before using the product. Follow the instructions in order not to invalidate the warranty. Take all precautions to avoid fire and/or electrical shock. Repairs must only be carried out by a qualified technician to avoid electrical shock. Keep the manual for future reference.

- Prior to using the product, please ask advice from a specialist. When the unit is switched on for the first time, some smell may occur. This is normal and will disappear after a while.
- The unit contains voltage-carrying parts. Therefore, do NOT open the housing.
- Do not place metal objects or pour liquids into the product. This may cause an electrical shock and malfunction.
- Do not place the product near heat sources such as radiators, etc. Do not place the unit on a vibrating surface. Do not cover the ventilation holes.
- The product is not suitable for continuous use.
- Be careful with the mains lead and do not damage it. A faulty or damaged mains lead can cause an electrical shock and malfunction.
- When unplugging the product from a mains outlet, always pull the plug, never the lead.
- Do not plug or unplug the unit with wet hands.
- If the plug and/or the mains lead are damaged, they need to be replaced by a qualified technician.
- If the product is damaged to such an extent that internal parts are visible, do NOT plug the unit into a mains outlet and DO NOT switch the product on. Contact your dealer. Do NOT connect the product to a rheostat or dimmer.
- To avoid fire and shock hazard, do not expose the product to rain and moisture.

- All repairs should be carried out by a qualified technician only.
- Connect the product to an earthed mains outlet (220- 240VAC/50Hz) protected by a 10- 16A fuse.
- During a thunderstorm or if the product will not be used for a longer period of time, unplug it from the mains.
The rule is: Unplug it from the mains when not in use.
- If the product has not been used for a long period, condensation may occur. Let the unit reach room temperature before you switch it on. Never use the product in humid rooms or outdoors.
- During operation, the housing becomes very hot. Do not touch it during operation and immediately after.
- To prevent accidents in companies, you must follow the applicable guidelines and follow the instructions.
- Secure the product with an extra safety chain if the unit is ceiling mounted. Use a truss system with clamps. Make sure nobody stands in the mounting area. Mount the effect at least 50cm away from inflammable material and leave at least 1 meter space on every side to ensure sufficient cooling.
- This product contains high-intensity LEDs. Do not look into the LED light to prevent damage to your eyes.
- Do not repeatedly switch the product on and off. This shortens the lifetime.
- Keep the unit out of the reach of children. Do not leave the unit unattended.
- Do not use cleaning sprays to clean switches. The residues of these sprays cause deposits of dust and grease. In case of malfunction, always seek advice from a specialist.
- Only operate the product with clean hands.
- Do not force the controls.
- If the product has fallen, always have it checked by a qualified technician before you switch the product on again.
- Do not use chemicals to clean the unit. They damage the varnish. Only clean the product with a dry cloth.
- Keep away from electronic equipment that may cause interference. Only use original spares for repairs; otherwise, serious damage and/or dangerous radiation may occur.
- Switch the product off prior to unplugging it from the mains and/or other equipment. Unplug all leads and cables prior to moving the product.
- Make sure that the mains lead cannot be damaged when people walk on it. Check the mains lead before every use for damage and faults!
- The mains voltage is 220- 240VAC/50Hz. Check if the power outlet matches. If you travel, make sure that the mains voltage of the country is suitable for this product.
- Keep the original packing material so that you can transport the product in safe conditions..

This mark attracts the attention of the user to high voltages that are present inside the housing and that are of sufficient magnitude to cause a shock hazard.

This mark attracts the attention of the user to important instructions that are contained in the manual and that he should read and adhere to.

DO NOT LOOK DIRECTLY INTO THE LENS. This can damage your People who are subject to epileptic attacks should be aware of the effects that this light has on them. The product has been certified CE. It is prohibited to make any changes to the product. They would invalidate the CE certificate and their guarantee!

NOTE: To make sure that the unit will function normally, it must be used in rooms with a temperature between 5°C/41°F and 35°C/95°F.

Electric products must not be put into household waste. Please bring them to a recycling centre. Ask your local authorities or your dealer about the way to proceed. The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

Do not attempt to make any repairs yourself. This would invalidate your warranty. Do not make any changes to the

product. This would also invalidate your warranty. The warranty is not applicable in case of accidents or damages caused by inappropriate use or disrespect of the warnings contained in this manual. Max cannot be held responsible for personal injuries caused by a disregard of the safety recommendations and warnings. This is also applicable to all damages in whatever form.

UNPACKING INSTRUCTION

CAUTION! Carefully unpack the box upon receipt. Check the contents to ensure that all parts are present and have been received in good condition. Notify the shipper immediately and retain packaging material if any parts appear damaged from shipping or the package itself shows signs of mishandling. Save the package and all packaging materials. If the product must be returned, the product must be returned in the original factory box and packaging. If the device has been exposed to drastic temperature fluctuation (e.g., after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

POWERSUPPLY

On the label on the back of the product is indicated that this type of power supply must be connected. Check that the mains voltage corresponds to this; if all other voltages than specified, the light effect can be irreparably damaged. The product must also be directly connected to the mains and may be used. No dimmer or adjustable power supply. Always connect the device to a protected circuit (circuit breaker or fuse). Make sure the device has an appropriate electrical ground to avoid the risk of electrocution or fire.

Always connect the device to a protected circuit (circuit breaker or fuse). Make sure the device has an appropriate electrical ground to avoid the risk of electrocution or fire.

INSTALLATION

CAUTION

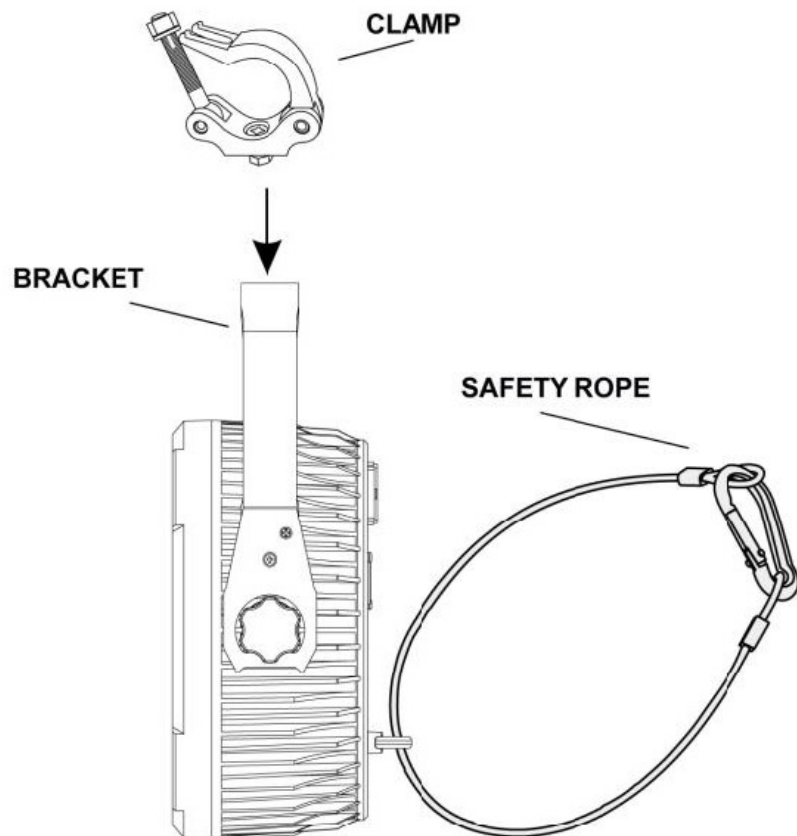
Please consider the respective national norms during the installation! The installation must only be carried out by an authorized employee or a dealers!

Attention

- The installation of the product has to be built and constructed in a way that it can hold 10 times the weight for 1 hour without any harming deformation.
- The installation must always be secured with a secondary safety attachment, e.g. an appropriate catch net. This secondary safety attachment must be constructed in a way that no part of the installation can fall down if the main attachment fails.
- Make sure the area below the installation place is free from unwanted persons during rigging, de-rigging, and servicing.
- The operator has to make sure that safety-related and machine-technical installations are approved by an expert before taking them into operation for the first time, and after the change, before taking them into operation another time.
- The operator has to make sure that safety-related and machine-technical installations are approved by a skilled person once a year.
- The fixture should be installed in the position where persons cannot reach and where persons may walk by or be seated.

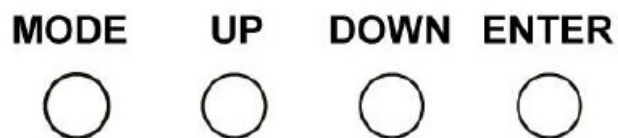
CAUTION

When installing the device, make sure there is no highly inflammable material (decoration articles, etc.) in between a distance of min 0.5 meter.



DISPLAY

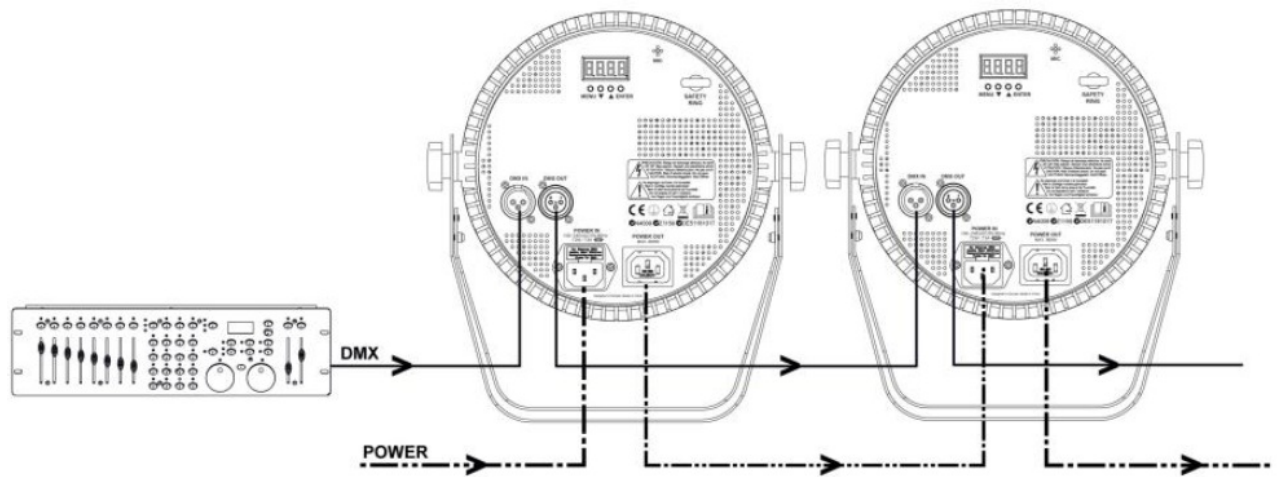
- The control board offer several features: you can simple set the starting address, run the pre-programmed program or make a reset. The main menu is accessed by pressing the Mode-button, browse through the submenu by pressing Up or Down.
- Press the Enter key to select the desired menu.
- You can change the selection by pressing Up or Down. Confirm every selection by pressing the Enter key.
- You can leave every mode by pressing the Mode button. The functions provided are described later in this manual.



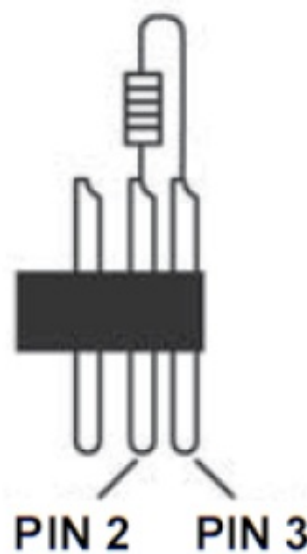
DMX-512 CONNECTION

If you are using a standard DMX controller, you can connect the DMX output of the controller directly to the DMX input of the first unit in a DMX chain. Always connect the output of one unit with the input of the next unit until all units are connected.

If you use a controller with 5 5-pin DMX connection, you will need to use a 5-pin to 3-pin adapter.



At the last fixture, the DMX cable has to be terminated. Solder a 120-ohm resistor between signal (-) and signal (+) into a 3-pin XLR connector and plug this into the DMX output of the last fixture in the chain.



MASTER/SLAVE OPERATION

The master/slave operation enables several units can be controlled by one “master” unit. Connect the first unit’s “DMX OUT” socket with the second unit’s “DMX IN”, using a 3-pin DMX Cable. Repeat this process with the third, fourth, etc., or see the above section “DMX-512 connection”. Choose the unit that will control all others and set this in master mode via the display. The other units that must react to the master, you must set in slave-mode. The “Slave” will synchronously follow the “Master”.

Noted: Any unit can be the “Master” or “Slave”.

FIXTURE CLEANING

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky, or particularly dirty surroundings can cause greater accumulation of dirt on the unit’s optics.

- Make sure the area below the installation place is free from unwanted persons during servicing.
- Housings, fixings, and installation spots (ceiling, truss, suspensions) should be free from any deformation.
- The mains cables must be in impeccable condition and should be replaced immediately when even a small problem is detected.
- In order to protect the fixture from overheat the cooling fans (if any) and ventilation openings should be cleaned monthly.

- The interior of the fixture should be cleaned annually using a vacuum cleaner or an air-jet.
- Clean with a soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.
- Clean the external optics at least every month. Clean the internal optics at least every 30/60 days.

ATTENTION:

We strongly recommend internal cleaning to be carried out by a qualified worker!

MENU

Mode	Description
D001-D512	DMX512 mode -3 Channel
A001-A512	DMX512 mode -7 Channel
R000-R255	Red brightness, the higher the value, the brighter the red light
G000-G255	Green brightness, the higher the value, the brighter the green light
B000-B255	Blue brightness, the higher the value, the brighter the blue light
FH01-FH99	Strobe, the higher the value, the faster the speed
CL01-CL15	Manual color selection
CC01-CC99	Auto-Color jump
DE01-DE99	Auto-Color gradient
CP01-CP99	Auto – Color pulse change
AUTO	Auto Automatic switching of color jumps, gradients, and pulse blending
SU01-SU02	Voice-activated. Su01: Quickly light up and quickly turn off. Su02: On for 3 seconds and then off. In this mode, press “Enter” to enter sensitivity adjustment: vol1-vol9. The higher the value, the higher the sensitivity.
1ron-1rof	Remote control function switch

REMOTE CONTROL



Please note: to use the remote control, you need to first turn on the remote control function of the product. During the use of remote control, please do not use DMX control. During the use of DMX control, please do not use remote control. Otherwise, signal interference may occur.

CAUTION

The remote control is supplied with a battery already inserted. An insulating foil between the battery and the battery contacts prevents the battery from being discharged during storage. Before the first operation, remove the foil from the battery support on the rear side of the remote control. Otherwise operation of the remote control is not possible.

DMX CHANNELS

3Channel	7Channel	Function	Value	Description
	1	Total dimming	000-255	Total brightness from low to high
	2	Strobe	000-255	(0-7 without function) 8-255 Slow to fast strobe
1	3	Red	000-255	Red brightness from low to high
2	4	Green	000-255	Green brightness from low to high
3	5	Blue	000-255	Blue brightness from low to high
	6	Macro function	000-50	Invalid
			51-100	Color fixed
			101-150	Color jump
			151-200	Color gradient
			201-250	Color pulse change
			251-253	Voice-activated 1
			254-255	Voice-activated 2
	7	Macro function speed	000-255	Macro function speed from slow to fast

European Union

- Tronios B.V.,
- Bedrijvenpark Twente Noord 18,
- 7602KR Almelo, The Netherlands
- 2014/35/EU
- 2014/30/EU
- 2011/65/EC

United Kingdom

- Tronios Ltd.,
- 130 Harley Street,
- London W1G 7JU, United Kingdom
- S.I. 2016:1101
- S.I. 2016:1091
- S.I. 2012:3032

Specifications and design are subject to change without prior notice.

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FAQs

Q: What should I do if the product is damaged?

A: If internal parts are visible or if the plug/mains lead is damaged, do not plug the unit in or switch it on. Contact your dealer for assistance.

Q: Can I use the product outdoors?

A: It is not recommended to use the product in humid rooms or outdoors to prevent damage and ensure safe operation.






Q: How should I handle the mains lead?

A: Be careful with the mains lead, do not damage it, and always unplug the product by pulling the plug, not the lead.

Documents / Resources

	<p>FUZZIX PLF12 Party Par RGB DMX [pdf] Instruction Manual PLF12 Party Par RGB DMX, PLF12, Party Par RGB DMX, Par RGB DMX, RGB DMX</p>
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References

-  [Samen zijn we open. Samen staan we sterk. - Stichting OPEN](#)
-  [Samen zijn we open. Samen staan we sterk. - Stichting OPEN](#)
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