



# algam Lighting VULKAN 1200 Multi-Effect Smoke Machine Instruction Manual

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**algam**  
*Lighting*

**algam Lighting VULKAN 1200 Multi-Effect Smoke Machine**



## Product Information

- **Product Name:** VULKAN 1200
- **Languages:** FR-EN (ES – NL user manuals also available, please contact: [contact@algam.net](mailto:contact@algam.net))

## Product Safety Certifications

- LVD Directive 2014/35/EU
- EMC Directive 2014/30/EU
- RoHS 2 Directive 2011/65/EU

## Product Usage Instructions

### Safety Instructions

The symbols shown above are internationally accepted symbols that warn of potential hazards with electrical products. If one of those symbols is on your product, please read carefully the following:

**WARNING!** Before use, and before installing this fixture, read carefully user manual, and follow the safety precautions listed on this page.

**DANGER!** Hazardous voltage, Risk of electric shock! ALWAYS disconnect the fixture from power for servicing, for cleaning or installing. Do not connect this unit on a dimmer power pack. Protect the unit from rain or moisture.

**WARNING!** Burn Hazard. Do not touch. Very hot surface. The fixture becomes hot during use and remains hot 10 min after use. Do not touch the unit.

**WARNING!** Safety Hazard. Risk of injury. This unit must be installed by professional people. If suspended, make sure the structure and the hardware used for this suspension is secured. This Hardware must support at least 10 times the weight of the device suspended. Do not try to repair the fixture by yourself. Contact a professional repair service. Please carefully read the instruction, which includes important information about the installation, usage, and maintenance, BEFORE operating this device. The smoke machine must be placed at least 100 cm away from inflammable materials such as curtains, books, etc. Make sure that the housing cannot be touched by accident.

Thank you for choosing one of our Algam Lighting product. Please read this user manual carefully and follow the instructions to avoid danger or damage to the unit due to mishandling. Keep this user guide for future reference.

## SAFETY INSTRUCTIONS

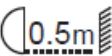
- The symbols shown above are internationally accepted symbols that warn of potential hazards with electrical products.

**if one of those symbols is on your product , please read carrefully the following:**

### WARNING

- Before use, and before installing this fixture, read carefully user manual, and follow the safety precautions listed on this page.

**DANGER:** Hazardous voltage, Risk of electric shock!

- ALWAYS disconnect the fixture from power for servicing, for cleaning or installing. Do not connect this unit on a dimmer power pack.
- Protect the unit from rain or moisture.
-  0.5m Locate the fixture in a well ventillated spot, away from flammable materials.
- The fixture must be fixed at least 50cm from surrouding walls.

### WARNING

- Burn Hazard. Do not touch. Very hot surface.
- The fixture becomes hot during use and remains hot 10 min after use. Do not touch the unit.

**WARNING:** Fire Hazard!

- Keep flammable materials away from the fixture. Do not operate the fixture with ambient temperature over 40°C.

**DANGER:** Safety Hazard. Risk of injury.

- This unit must be installed by professional people. If suspended, make sure the structure and the hardware

used for this suspension is secured. This Hardware must support at least 10 times the weight of the device suspended.

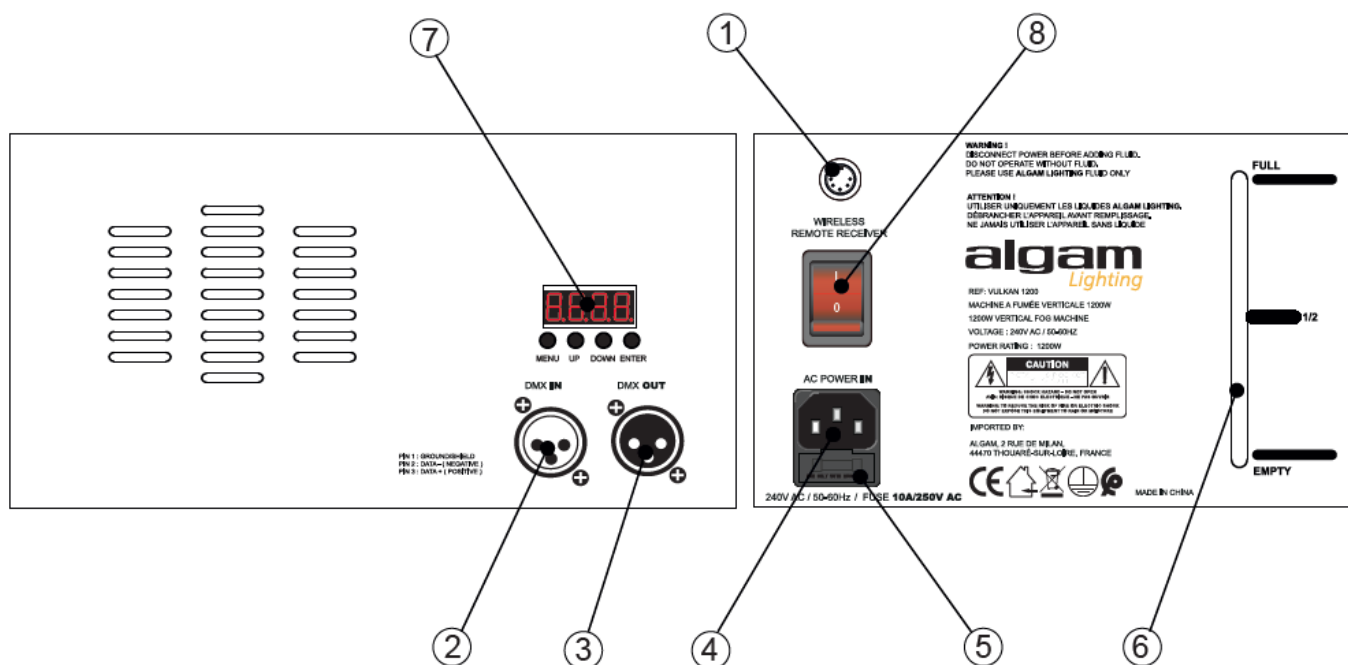
- Do not try to repair the fixture by yourself. Contact a professional repair service.

Please carefully read the instruction, which includes important information about the installation, usage and maintenance, BEFORE operating this device. The smoke machine must be placed at least 100 cm away from inflammable materials such as curtains, books, etc. Make sure that the housing cannot be touched by accident.

- Unpack and check carefully there is no transportation damage before using the unit. Never put a damaged device into operation.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit as stated in this manual.
- The unit is for indoor use only. Use it only in a dry location. Exposing the device to rain or moisture would cause the risk of electrical shock or fire.
- Never sever or manipulate the power cord or the plug. If a power cord is provided with an earth lead, this is mandatory to ensure safe operation! Otherwise a LIFE THREATENING situation exists!
- For protection from electric shock, the product must be grounded (earthed).
- Use only a source of AC power that complies with local building and electrical codes and has both overload and ground-fault (earth-fault) protection
- The power distribution circuit must be equipped with a fuse or circuit breaker and ground-fault (earth-fault) protection.
- DO NOT let any liquids or objects enter the unit. Should any liquid be spilled on the unit, DISCONNECT the power supply to the unit immediately and contact the service company
- The unit must only be installed in a location with adequate ventilation. Be sure that no ventilation slots are blocked. In order to guarantee adequate ventilation, allow a free air space of at least 20 cm around the sides and top of the unit.
- Disconnect the device from the mains power before any servicing or maintenance.
- Notice regarding power disconnection: To disconnect the device from the power source the power plug must be removed from the power socket. For this reason the device must be placed in a position where a constant unobstructed access to the power socket is assured, thus in an emergency situation you are able to immediately pull out the power plug. To eliminate the risk of fire you must completely disconnect the power plug from the power socket after the device has been used.
- Always grasp the power cord by the plug. Do not pull on the cord itself and never touch the power cord with wet hands as this could result in a short circuit or an electrical shock. Do not place the device, speaker cabinets or anything else on the power cord and make sure that it does not become clamped.
- Before a storm and/or a thunderstorm with a risk of lightning, disconnect the device from the mains power supply.
- Under no circumstances may you open the device housing. Should you do so your safety would not be assured. There are no operational components whatsoever inside, only dangerous voltages that can give you a deadly shock!
- NEVER use the unit under the following conditions:> In places subject to vibrations or bumps.> In places with a temperature of over 40 °C or less than 2 °C.> In places subject to excessive dryness or humidity (ideal conditions are between 35% and 80%).
- Never submerge the device in water or any other liquid. Only wipe it with a slightly damp cloth.

- Never operate the device near flames, flammable, explosive materials, or hot surfaces. Otherwise you run the risk of causing a fire.
- Never leave this device running unattended
- This appliance must not be used by individuals (including children) with restricted physical, physiological or intellectual abilities or deficiencies in experience and/or knowledge unless they are supervised by a person responsible for their safety or receive from this person instruction in how the appliance is to be used.
- Keep children away from the device and power cord! Children frequently underestimate the dangers of electrical devices. Also keep the plastic packaging well away from small children. There is a risk of suffocation!
- In the event of serious operating problems, stop using the unit immediately. Never try to dismantle, repair or modify the unit by yourself. Otherwise warranty becomes void. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance centre.

## OPERATION INSTRUCTIONS



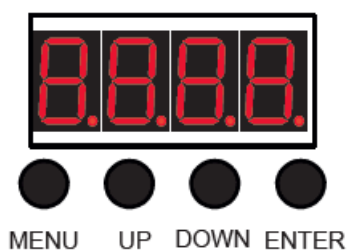
1. Input connector for wired remote controller
2. XLR 3 pins DMX Input connector
3. XLR 3 pins DMX Output connector
4. AC power supply input – Use only the power cable included in the packaging
5. Fuse ( Replace with same value , same type fuse)
6. Fluid tank level
7. Display and keyboard
8. Main switch

## DMX PROTOCOL

Channel	Value	Function
CH1	0	Pump OFF
	001-255	Pump ON
CH2	000-255	Red Dimmer
CH3	000-255	Green Dimmer
CH4	000-255	Blue Dimmer
CH5	000-003	Strobe OFF
	004-255	Strobe Slow→ Fast
CH6	000-009	Manual control of the fog but CH2to CH5 active
	010-250	LED color change
	251-255	Sound mode active
CH7	000-255	Speed adjustment of color changer

## FUNCTIONS

### Main menu functions



- Press on «MENU» button to select the function you want to adjust.
- Press on «Up» or «Down» button to navigate into the menu and change the parameters values.
- Press «ENTER» button to confirm your selection or value.

Display	Function
A001-A512	DMX address setting
o000-o255	Fog Output 000=min 255=Max
P000-P255	Jumping color changer – Speed adjustable from 000 to 255
L000-L255	Gradual color changer – Speed adjustable from 000 to 255
E000-E255	Pulse color changer – Speed adjustable from 000 to 255
Soud	sound more
r000-r255	Red LED manual dimmer
g000-g255	Green LED manual dimmer
b000-b255	Blue LED manual dimmer
F000-F255	Strobe with adjustable speed from 000 to 25

### HF remote functions



HF remote controller and receiver  
(included in the box)

- «**A**» button
  - Press this button for Fog ,and release the button to stop fog.
- «**B**» button: For each press you select LED function:
  - RED light
  - Green light
  - Blue light
  - White strobe effect
  - light OFF

## SPECIFICATIONS

- **Power consumption:** 1200W
- **Heater:** ready to use in 3-5 minutes
- **Fog output:** 8000 cfm
- **Max spray height:** 3 to 5 m
- **Fluid tank capacity:** 1.2 liters
- **Lighting sources:** 9 x 3W RGB LED
- DMX mode, HF remote controller and manual controlled
- **DMX channels:** 7 channels
- Digital display
- **Dimensions:** 275x255x200mm
- **Weight (empty tank):** 4.7kg
- **Power supply:** 220-240V AC 50/60Hz

## DECLARATION OF CONFORMITY

### Disposal

This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose with your normal household waste. Dispose of this device through an approved waste disposal form or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.

**CE:** This Algam Lighting product is compliant to all required UE certifications and conformed to following standard and UE directives:

- LVD Directive 2014/35/EU
- EMC Directive 2014/30/EU
- RoHS 2 Directive 2011/65/EU

The **UE DECLARATION OF CONFORMITY** is available, if you need it, please just ask for it at:  
[contact@algam.net](mailto:contact@algam.net)

**Imported by ALGAM:** 2 Rue de Milan, 44470 Thouaré-sur-Loire







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