EN

AquaFX 200

F5100351



User Manual

IP65 LED 0,2 m

KEEP THIS MANUAL FOR FUTURE REFERENCE

AquaFX 200

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INTRODUCTION

We are glad that you have chosen the Flash EVENT AquaFX 200, thereby expanding your lighting equipment inventory.
We hope that this device will meet your expectations and inspire creativity in your future lighting projects.

FOR SAFETY REASONS AND TO ENSURE TROUBLE-FREE OPERATION, PLEASE READ THIS MANUAL CAREFULLY.

SAFETY INFORMATION

Unpack and check carefully if there are damages caused by the transportation,and if it has, please contact your dealer or manufacturer as soon as possible.

This fixture is waterproof with IP65.



Do not install the fixture on the surface of ordinary flammable materials.

Only qualified professionals can install and operate the fixture, all operations have to be followed by the operation manual.

The fixture has to be installed in a well ventilated area, and the distance from the wall should be more than 10 cm, meanwhile, please check if the fan works correctly.



Do not shoot the fixture to the flammable object directly,the distance between the fixture and the object should be more than 1m.

Do not look directly at the light source to avoid damage eyes,especially for people with epilepsy

Do not open the fixture and repair it yourself.



Before installation, please make sure the voltage has to match the fixture's voltage.

Each fixture should be properly grounded and installed in accordance with relevant electrical standards.

Do not connect this fixture to any other dimming devices.

Do not use a power cable with damaged insulation and do not let the power cable contact to the other wires.

Please take off the power cable when the fixture is free or under cleaning.Do not pull the plug or the cable rudely.

Keep the LED blub clean and do not touch it directly with hand.



There is one hole at the bottom of the fixture which is for the safety rope.

No spare parts inside the fixture needed to be repaired,before using the fixture, please check if all covers of case were installed well, if all screws were fixed tightly. Do not operate it when the covers are opening.

If any questions, please contact to the dealer or the factory immediately.

Notice: Make sure the power is off before installation,repairing,or cleaning.

IMPORTANT:
The ground wire (yellow/green double colors) must be grounded safely when connecting the power. Electrical installation must comply with all relevant standards.

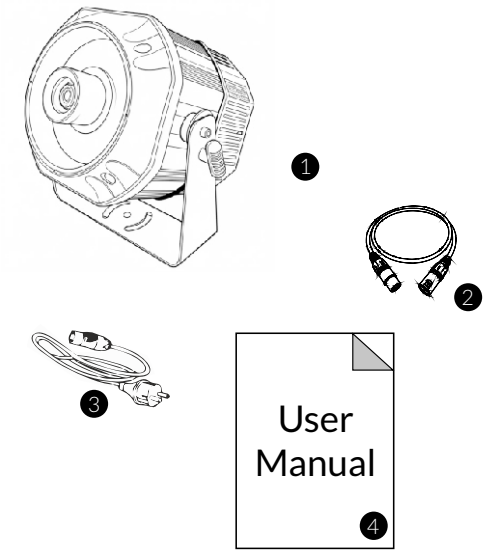
WARNING! In the event of malfunction, immediately stop using the device. Do not attempt to repair the device yourself. Repairs must be carried out only by qualified personnel using original spare parts.

IMPORTANT! Disconnect the device from the power supply before performing any maintenance or service work. The device contains no user-serviceable parts.

IMPORTANT! The maximum ambient temperature is 40°C. Do not operate the device in environments where the temperature exceeds this value.

WARNING! Do not modify the device. Unauthorized modifications may result in damage not covered by the warranty and may lead to hazards such as short circuits, burns, or electric shock.

UNPACKING



The following item
are included in the box:

1. EVENT AquaFX 200 (1pc)
2. DMX cable (1pc)
3. Power cable (1pc)
4. User Manual (1pc)

INSTALLATION

WARNING! The device must be installed outside areas of pedestrian traffic, seating areas, and out of reach of unauthorized persons.

WARNING! Before installation, verify that the mounting surface or supporting structure is capable of bearing a minimum static load of at least 10 times the weight of the device.

WARNING! The device must always be secured with an additional independent safety attachment (secondary safety), such as a certified safety cable.

WARNING! It is strictly prohibited to stand under the installation area during installation, removal, or servicing of the device.

IMPORTANT! The minimum distance between the device and flammable materials must be at least 0.5 m.

WARNING! Overhead installation may only be carried out by qualified personnel with appropriate experience, including:

- calculation of static and dynamic loads,
- selection of appropriate mounting hardware,
- assessment of the supporting structure,
- periodic inspection of the installation.

Improper installation may result in serious injury or death.

CAUTION! Before applying power, ensure that all mounting elements are properly installed, secured, and checked.

Clamp Mounting

CAUTION! Only mounting hardware with appropriate load capacity and intended for this type of installation may be used.

The device is equipped with an integrated mounting system consisting of the base, an "Omega bracket," and a dedicated rigging point for secondary safety attachment.

When mounting the device to a truss, secure an appropriate clamp to the "Omega bracket" using an M10 screw inserted through the central mounting hole.

IMPORTANT! If any slack is detected between the hook and the device, immediately tighten the mounting screws or skip the device during installation.

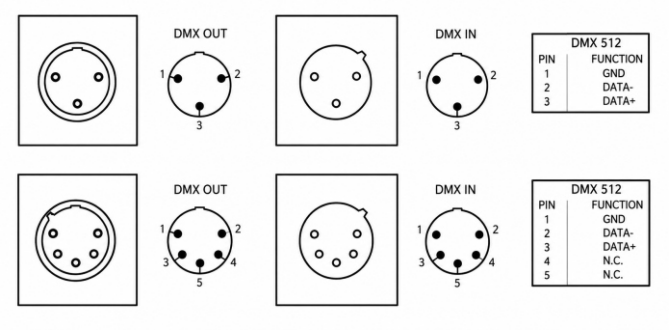
WARNING! Regardless of the chosen mounting method, the device must always be secured with a safety cable.

The safety cable must be attached exclusively to the designated rigging point provided by the manufacturer. It is prohibited to attach the safety cable to non-designated parts such as carrying handles.

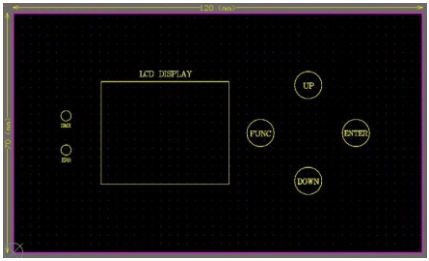
WARNING! The safety cable must be rated to support at least 10 times the weight of the device.

CONNECTIONS

CONNECTION OF DMX512:



Diameter of DMX512 signal cable must be >=0.5mm that connects fixture to console, or fixture to fixture,and it must be 2 cores shielded wire.



FUNC: MENU
UP:
DOWN:
ENTER:

LED DISPLAY WINDOW:
LCD password (up / down / up / down – enter -)

A001 is DMX512 mode. Press ENTER and UP/DOWN can change DMX address, from 1-512.

Press "FUNC" will be 6 kinds of different functions as following function table. Up or Down can change value then Enter can be saved.

DMX CHART

DMX channels 5/6 (If 5CH type, no reset ch)

ITEMS	function	value	instruction
1	dimmer	0-255	dimmer general,dark to bright
2	Strobe	0-255	strobe from slow to fast
3	Color wheel	0-9	white
		10-19	magenta
		20-29	green
		30-39	blue
		40-49	yellow
		50-59	red
		60-61 62-127	White double half color settings
		128-188	From fast to slow, clockwise
		189-192	non
		193-255	anticlockwise from slow to fast
4	Water 1	0-1	none
		2-127	anticlockwise rotation,slow to fast
		128	non
		129-255	clockwise rotation, fast

			to slowt
5	Water 2	0-1	none
		2-127	anticlockwise rotation,slow to fast
		128	non
		129-255	clockwise rotation, fast to slow
6		251-255	reset

Special instruction

Temperature > = 45° fan start working

Temperature< = 35° fan stop working

MAINTENACE

If the lens is cracked or damaged, it must be replaced immediately. Do not operate the device with a damaged lens.

If the device fails to start, check the fuse. If the fuse is blown, replace it with a fuse of the same type and rating: 5 × 20 mm, T3A / 250 V.

The device is equipped with an overheat protection system. If the internal temperature becomes too high, the power supply will be automatically cut off. In this case, check that the cooling fan is operating correctly and make sure that the ventilation system is not blocked by dust or other contaminants. Any repairs must be carried out by qualified service personnel only.

To ensure smooth operation of the water effect mechanism and focus adjustment system, it is recommended to lubricate the appropriate moving parts with a high-quality lubricant once every two months.

The cooling fan should be cleaned every 30 days to ensure proper airflow and efficient cooling of the device.

Internal and external optical components, reflectors, and the color wheel should be cleaned periodically to maintain maximum optical performance. Do not use cleaning agents containing aggressive chemical solvents to clean the color wheel.

The required cleaning frequency depends on the intensity of use and the operating environment. Use a soft, lint-free cloth and a suitable optical cleaning solution.

External optical components should be cleaned approximately every 30 days, while internal optical components should be cleaned every 30–60 days, depending on the operating conditions.

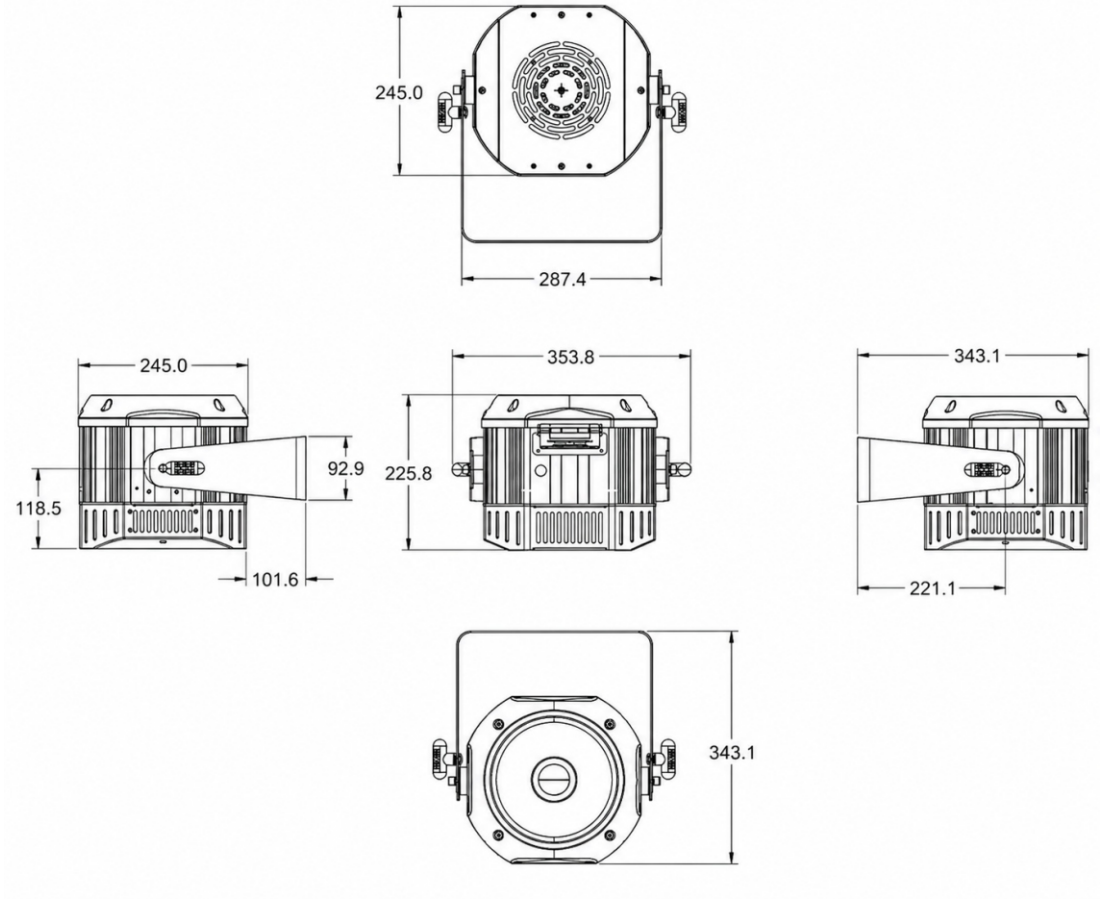
Do not use organic solvents such as alcohol to clean the housing, as they may damage the surface of the device.

MENU STRUCTURE

main	menu 2 level	
Set	DMX address	
	Run Mode	
	Auto Set	
	Channel Mode	
	Lcd protect	
	Mode	
	Line dimmer	
	Factory set	
MANL	Dimmer	000 - 255
	Strobe	000 - 255
	Color	000 - 255
	Water 1	000 - 255
	Water 2	000 - 255
	Motor Speed	000 - 255
	System Reset	
Set		

DRAWINGS

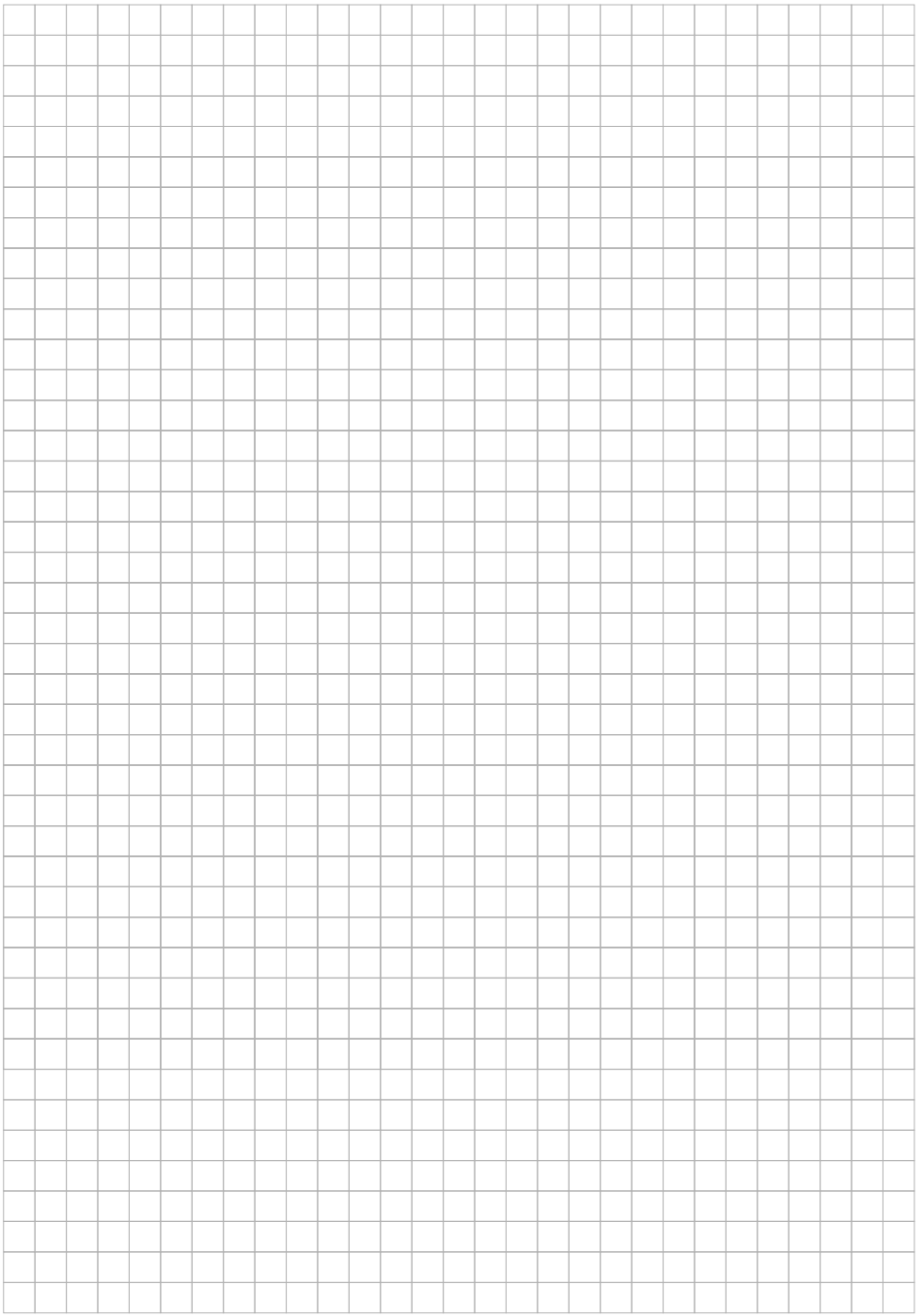
Product dimensions (mm)



SPECIFICATIONS

□ Input Voltage: AC110V/240V, 50～60Hz
□ Light Source: 1 pc LED 230W White
□ Max Power: 250W
□ LED life: 50000 hours
□ Color Temperature: 6500-7000K
□ Angle: 10,20,30,45, 60 Optional)al)
□ Light Spot: Circle/Splice Square
□ Dimmer: 0--100% linear dimmer.
□ DMX Channel:5/ 6CH
□ Signal connection: XLR
□ Cooling system:Fan wind cooling
□ Display: LCD display
□ Color Wheel: 5 colors+White
□ Effect pattern: 2 pieces of water ripple, double image can Rotate with variable speed
□ Focus: Manual
□ Electronic positioning function
□ Light source overheat protection and intelligent offline control mode
□ Smart off-line auto run mode. pre-program the effects in the fixture and when it is power ON, it will play automatically
□ Focus : Manual Focusing
□ Temperature: Light Source's temperature is monitored real time
□ Angle adjust: Up/Down 〉 180°
□ Inner electronics with moisture-proof protection
□ Working environment: -25 to +35
□ Running Mode: Manual. Auto. Master/Slave
□ Housing body : aluminum alloy, Black/Gray, other colors are optional
□ N. Weight: 11 kg
□ IP65
□ Fixture size: 340*300*360mm

USER NOTES





FLASH

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