

Thank you for having chosen our company's fog machine. For your own safety, please read this user manual carefully before installing the device.

When receiving the machine, open the package and check carefully whether the machine is damaged or the accessories are lost, if any problems, please contact the supplier.

Accessories

Name	Quantity	Name	Quantity
Smoke machine	1piece	Wired controller	1piece
Power cord	1 piece	Handle	1piece
Manual	1 piece	Screw knob	2pieces
Remote controller	1piece	Pad	2pieces

Technical Parameter

Power: 1200W

Voltage: AC 220V 50Hz

Warm-up time: 3 minutes

Capacity of tank : 2.5 liters

Fluid consumption(100% output): 16000Cuft/min

Control mode : wired and wireless remote control

Smoke distance: 3-4meters

Weight: 5.1kgs

Size : 47*25*20 cm

Guidance

1. This product can be installed in high places(with hanger), or placed on the ground.
2. Keep the fog machine flat,do not tilt or flip. Before connecting this unit to the mains power supply, you must add the fluid tank with high quality fog fluid and check that the nozzle is clean and unobstructed.
3. Before connect to power, you should check whether the voltage you use is suitable for the fog machine or not.
4. Power cord should be plugged into a grounded electrical outlet,put the switch to "ON", then fog machine start warming up, can spray fog after

warming up is completely.

5. Connect the controllers with the fog machine, then you can control the fog machine by the controllers.

Control Mode.....■

1. **Wireless remote control** : when warming up completely, press A button or B button both can spray fog.(press and hold button long time , can spray fog long time till it's warming up again. When release button , it stops to spray fog)
2. **Wired control** : when the heating complete, press the button of wired control , it can spray fog. (press and hold button long time , can spray fog long time. When release button, it stops working.)

Notice 1.....■

1. This fog machine should be used in dry and well-ventilated place . Please avoid any water or rain fall in the machines, if water and rain fall in, turn off the power immediately. The room for cool should be at least 30cm. Keep far away from children, fire, explosive and flammable things, and avoid scalding.
2. In the first time use, some water spray out is normal.
3. When the fog fluid is used up, you should add fog liquid in time. If the fog machine work without fog fluid, the pump and other parts will get damaged. When adding fluid, remember to turn off the power, and carefully avoid spilling over to cause short cut.
4. The fog machine should work under professional worker's supervision, please do not add flammable liquids, gas or perfume into the fog fluid tank.
5. When working, do not touch the machine and power cord.
6. When long time no use or after use, please disconnect power or unplug the power cord.

Other notice.....■

1. All fog machine will have condensation in condensation or moisture around the nozzle.
2. All fog machine are used occasionally during or after you stop using a small amount of smoke emitted.
3. All fog machine have cycles and temperature cooling to a point, the pump will automatically turn on and begin heating, until heating complete, the machine starts to spray smoke

Routine Maintenance and common faults■

Periodically clean your machine to reduce replacement parts and repair expenses.

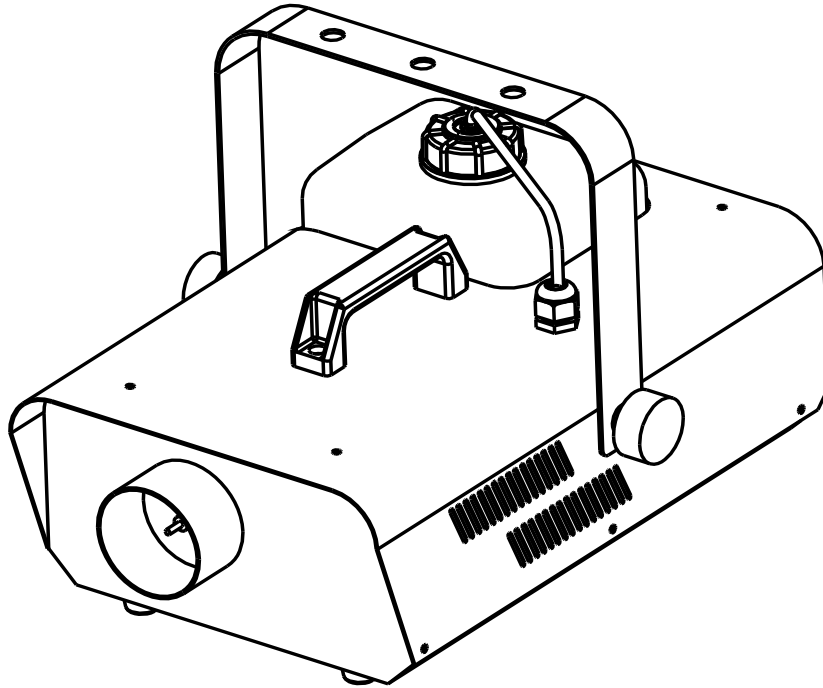
1. The poor fog liquid can cause blockage, it is recommended to use high quality fog liquid.
2. The machine might be blocked due to high concentration fluid, not clean fluid or overheat, so regular care and maintenance can ensure long-term use. After about 40 hours continually use, please use 80% distilled water and 20% white vinegar to remove the accumulated impurities inside the heat pipe , as following:
 - 1) washing the pipe in the tank and the filter head.
 - 2) Pour out the fog liquid , replacing the cleaning liquid (80% distilled water and 20% white vinegar), turn on the power , keep it operating till the cleaning liquid runs out.
3. If the fog turns less, and the pump makes noise, or can not spray fog, you should turn off the power immediately and at the same time check the fluid tank, fuse, controller interface and power plug. If all of these are normal, please connect the power with the plug and try again, if the problems still can not be solved, you should contact supplier.

1200W FOG MACHINE MANUAL



Please read this manual carefully before using

FX-1200



ENGLISH Operation Manual

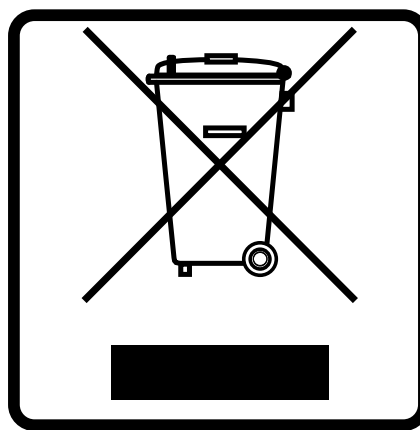
Other languages can be downloaded from:
WWW.JB-SYSTEMS.EU



Version: 1.0



JB SYSTEMS



EN - DISPOSAL OF THE DEVICE

Dispose of the unit and used batteries in an environment friendly manner according to your country regulations.

FR - DÉCLASSER L'APPAREIL

Débarrassez-vous de l'appareil et des piles usagées de manière écologique Conformément aux dispositions légales de votre pays.

NL - VERWIJDEREN VAN HET APPARAAT

Verwijder het toestel en de gebruikte batterijen op een milieuvriendelijke manier conform de in uw land geldende voorschriften.

DU - ENTSORGUNG DES GERÄTS

Entsorgen Sie das Gerät und die Batterien auf umweltfreundliche Art und Weise gemäß den Vorschriften Ihres Landes.

ES - DESHACERSE DEL APARATO

Reciclar el aparato y pilas usadas de forma ecologica conforme a las disposiciones legales de su país.

PT - COMO DESFAZER-SE DA UNIDADE

Tente reciclar a unidade e as pilhas usadas respeitando o ambiente e em conformidade com as normas vigentes no seu país.

OPERATION MANUAL

Thank you for buying this JB Systems® product. To take full advantage of all possibilities and for your own safety, please read these operating instructions very carefully before you start using this unit.

FEATURES

- Powerful all-round fogger.
- High pressure pump for strong fog output
- Equipped with a die cast 1200W heater
- Wired + Wireless remote controllers included !
- Fog liquid level indicator
- Uses JB Systems "Standard" or "Hi-Tech" fog liquid.

BEFORE USE

- Before you start using this unit, please check if there's no transportation damage. Should there be any, do not use the device and consult your dealer first.
- **Important:** This device left our factory in perfect condition and well packaged. It is absolutely necessary for the user to strictly follow the safety instructions and warnings in this user manual. Any damage caused by mishandling is not subject to warranty. The dealer will not accept responsibility for any resulting defects or problems caused by disregarding this user manual.
- Keep this booklet in a safe place for future consultation. If you sell the fixture, be sure to add this user manual.

Check the contents:

Check that the carton contains the following items:

- Operating instructions
- FX-1200
- Hanging bracket + with 2 knobs and 2 rubber rings (put the rings between the bracket and the machine).
- Wired remote controller
- Wireless remote controller
- Wireless remote receiver

SAFETY INSTRUCTIONS:



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: To reduce the risk of electric shock, do not remove the top cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user of the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.



This symbol means: indoor use only.



This symbol means: Read instructions.



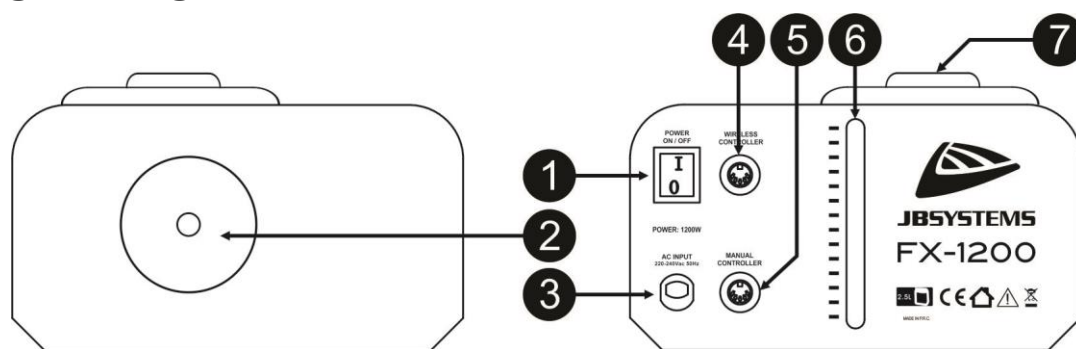
This symbol determines: the minimum distance from objects. The minimum distance between fogger output and objects must be more than 1 meter. NEVER hold your hands close to the fogger output, the fog is very hot and can cause serious burnings !!!

- To protect the environment, please try to recycle the packing material as much as possible.
- To prevent fire or shock hazard, do not expose this appliance to rain or moisture.
- To avoid condensation to be formed inside, allow the unit to adapt to the surrounding temperatures when bringing it into a warm room after transport. Condensation sometimes prevents the unit from working at full performance or may even cause damages.

- This unit is for indoor use only.
- Don't place metal objects or spill liquid inside the unit. Electric shock or malfunction may result. If a foreign object enters the unit, immediately disconnect the mains power.
- Locate the unit in a well ventilated spot, away from any flammable materials and/or liquids.
- Don't cover any ventilation openings as this may result in overheating.
- Prevent use in dusty environments and clean the unit regularly.
- Keep the unit away from children.
- Inexperienced persons should not operate this device.
- Maximum safe ambient temperature is 40°C. Don't use this unit at higher ambient temperatures.
- The units' surface temperature may reach up to 85°C. Don't touch the housing with bare hands during its operation.
- Make sure to always place the unit on a stable surface, never install the fogger above the audience, a little liquid can always drip from the fog output.
- Allow the device about 10 minutes to cool down before you start servicing.
- Always unplug the unit when it is not used for a longer time or before you start servicing.
- Check that the available voltage is not higher than the one stated on the rear panel of the unit.
- The power cord should always be in perfect condition. Switch the unit immediately off when the power cord is squashed or damaged. It must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Never let the power-cord come into contact with other cables!
- This unit must be earthed in order comply with safety regulations.
- In order to prevent electric shock, do not open the cover.
- **Never** repair a fuse or bypass the fuse holder. **Always** replace a damaged fuse with a fuse of the same type and electrical specifications!
- In the event of serious operating problems, stop using the fixture and contact your dealer immediately.
- The housing must be replaced if they are visibly damaged.
- Please use the original packing when the device is to be transported.
- Due to safety reasons it is prohibited to make unauthorized modifications to the unit.

WARNING: DANGER ! if you want to install the unit in a truss or on the ceiling: **Never hang the unit above an area where people might pass. Some hot liquid might drip out of the nozzle. If it hits a person it might cause serious burns !**

DESCRIPTION:



1. **POWER SWITCH:** used to switch the machine ON/OFF
2. **NOZZLE:** fog output. **WARNING: HOT!** Keep a minimum distance of 1m.
3. **MAINS CABLE:** to be plugged in a mains wall socket with earth connection.
4. **WIRELESS REMOTE CONTROL INPUT:** Used to connect the supplied wireless remote control receiver.
5. **REMOTE CONTROL INPUT:** Used to connect the supplied wired remote controller.
6. **FLUID LEVEL INDICATOR:** indicates how much fog fluid is still available.
7. **FOG FLUID CONTAINER:** to be filled with CE-certified smoke fluid. **Make sure the fog fluid container is never empty during operation; this will damage the pump of the fogger.**

OPERATING INSTRUCTIONS

- Put the fogger on a flat and very stable surface. Make sure that nobody can put their hands just in front of the output. The fog is very hot and can cause serious burnings!!!
- **Make sure the fog liquid tank is not empty.** Always use good quality fog liquid to fill up the tank. Close the tank immediately to prevent dirt to enter the reservoir!
- Plug the supplied remote in the remote control input on the back of the unit.
- Make sure to plug the fogger in a mains wall socket with earth connection
- Switch the fogger on and wait for about 5 minutes. (warm up time)
Please note that the fogger is ready when the green LED of the wired controller is lit.

Used with the supplied wired remote controller:

- Connect the special 5pin connector of the controller to the [MANUAL CONTROLLER] input on the back of the fogger.
- For as long as the green LED (1) is on, you can press the button (2) at any time to produce fog.



Used with the supplied wireless remote controller:

- Connect the special 5pin connector of the wireless remote receiver to the [WIRELESS CONTROLLER] input on the back of the fogger.
- Fix the remote receiver with its magnetic surface to the fogger.
- Pull out the antenna of the wireless remote controller and press any of the 4 buttons to produce fog.

MAINTENANCE

- Switch off the unit, unplug the mains cable and wait until the unit has been cooled down.

During inspection the following points should be checked:

- All screws used for installing the device and any of its parts should be tightly fastened and may not be corroded.
- Housings, fixations and installations spots (ceiling, truss, suspensions) should be totally free from any deformation.
- The mains cables must be in impeccable condition and should be replaced immediately when even a small problem is detected.

Cleaning the fogger:

To prevent obstructions in the heater, pump and tubes, the fogger should be cleaned on a regular basis: every 100h of continuous operation is a good reference.

- Switch the fogger off
- Remove the nozzle (metal part where the fog leaves the fogger)
- Remove the fog liquid from the tank
- Fill the tank with about 1liter of a solution containing 80% distilled water and 20% white vinegar.
- Switch the fogger on and wait for about 8minutes (warm up time)
- Put the fogger in continuous operation mode until the tank is empty
- Put the nozzle back in place
- Remove the eventual residues of the cleaning solution and refill the tank with fog liquid.

Remark: *cleaning should be done outside; an awful smell is produced by the vinegar solution!*

Attention: **We strongly recommend internal cleaning to be carried out by qualified personnel!**

SPECIFICATIONS

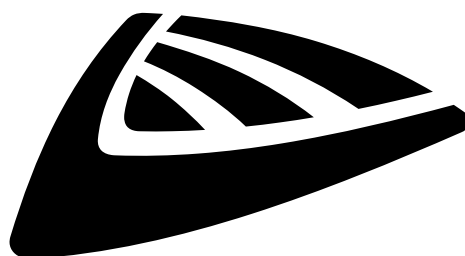
This unit is radio-interference suppressed. This product meets the requirements of the current European and national guidelines. Conformity has been established and the relevant statements and documents have been deposited by the manufacturer.

This device has been designed to produce decorative effect lighting and is used in light show systems.

Mains Input:	AC 220-240V, 50Hz
Power:	1200 Watt
Fuse:	T8A/250V (slow blow 6x30mm)
Output:	+/- 18000 cubic ft/min
Warm up time:	5 min
Tank size:	2,5L
Fluid to be used:	Fog Liquid (JB Systems Standard or HI-Tech)
Size:	475 x 253 x 200 mm
Weight:	6,55 kg

All the information is subject to change without prior notice

You can download the latest version of this user manual on our website: www.jb-systems.eu



JBSYSTEMS

MAILING LIST

EN: Subscribe today to our mailing list for the latest product news!

FR: Inscrivez-vous à notre liste de distribution si vous souhaitez suivre l'actualité de nos produits!

NL: Abonneer je vandaag nog op onze mailinglijst en ontvang ons laatste product nieuws!

DE: Abonnieren Sie unseren Newsletter und erhalten Sie aktuelle Produktinformationen!

ES: Suscribete hoy a nuestra lista de correo para recibir las últimas noticias!

WWW.JB-SYSTEMS.EU

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Bedienungsanleitung

Fog Machine 1200

ACHTUNG!

Lesen Sie sich vor der ersten Inbetriebnahme zur eigenen Sicherheit diese Bedienungsanleitung sorgfältig durch! Alle Personen, die mit der Aufstellung, Inbetriebnahme, Bedienung, Wartung und Instandhaltung dieses Gerätes zu tun haben, müssen entsprechend qualifiziert sein und diese Betriebsanleitung genau beachten. Dieses Produkt erfüllt die Anforderungen der geltenden europäischen und nationalen Richtlinien, die Konformität wurde nachgewiesen, die entsprechenden Erklärungen und Unterlagen sind beim Hersteller hinterlegt.

Instruction Manual

Fog Machine 1200

CAUTION!

For your own safety, please read this operation manual carefully before initial operation! All persons involved in the installation, setting-up, operation, maintenance and service of this device must be appropriately qualified and observe this operation manual in detail. This product complies with the requirements of the applicable European and national regulations. Conformity has been proven. The respective statements and documents are deposited at the manufacturer.

SCANIC

WARNUNG!

Um Feuer oder einen elektrischen Schock zu vermeiden, setzen Sie dieses Gerät nicht Wasser oder Flüssigkeiten aus! Öffnen Sie niemals das Gehäuse!

WARNING!

To prevent fire or avoid an electric shock do not expose the device to water or fluids! Never open the housing!

Für weiteren Gebrauch aufbewahren!
Keep information for further reference!



Wir gratulieren Ihnen zum Kauf der Scanic Fog Machine 1200. Vielen Dank, dass Sie unserer Technologie Ihr Vertrauen schenken!

Dieses Produkt erfüllt die Anforderungen der geltenden europäischen und nationalen Richtlinien, die Konformität wurde nachgewiesen, die entsprechenden Erklärungen und Unterlagen sind beim Hersteller hinterlegt. Dieses Produkt entspricht der Schutzklasse I und ist mit einer Schutzisolierung versehen.

Aus Sicherheits- und Zulassungsgründen (CE) ist das eigenmächtige Umbauen und/oder Verändern des Produktes nicht gestattet. Beachten Sie bitte, dass Schäden, die durch manuelle Veränderungen an diesem Gerät verursacht werden, nicht unter den Gewährleistungsanspruch fallen.

Dieses Produkt ist ab Werk in einem einwandfreiem Zustand. Beachten Sie unbedingt alle Hinweise in dieser Bedienungsanleitung, um diesen Zustand und einen gefahrlosen Betrieb des Produktes zu gewährleisten!

Durch Nichtbeachtung dieser Bedienungsanleitung verursachte Schäden lassen jeden Gewährleistungsanspruch erlöschen. Für Sach- oder Personenschäden, die durch unsachgemäße Handhabung des Produktes oder Nichtbeachtung der Bedienungsanleitung verursacht werden, übernimmt der Hersteller keine Haftung.

Heben Sie diese Bedienungsanleitung für spätere Fragen und Probleme gut auf und geben Sie sie bei Verkauf, Verleih oder sonstiger Überlassung des Produktes weiter.

Bestimmungsgemäße Verwendung

Bei diesem Produkt handelt es sich um eine Nebelmaschine, die aus einer speziellen Flüssigkeit Dampfnebel erzeugt. Das Produkt wird dabei an das Stromnetz angeschlossen.

Dieses Produkt ist für den Anschluss an 230 V, 50 Hz Wechselspannung zugelassen und wurde ausschließlich zur Verwendung in Innenräumen konzipiert.

Wird das Gerät anders verwendet als in dieser Bedienungsanleitung beschrieben, kann dies zu Schäden am Produkt führen und der Gewährleistungsanspruch erlischt. Außerdem ist jede andere Verwendung mit Gefahren wie z.B. Kurzschluss, Brand, elektrischem Schlag, etc. verbunden.

Die vom Hersteller festgelegte Seriennummer darf niemals entfernt werden, da ansonsten der Gewährleistungsanspruch erlischt.

Sicherheitshinweise

1. Vor der Inbetriebnahme



Vor der ersten Inbetriebnahme dieses Produktes bitten wir Sie

- diese Bedienungsanleitung aufmerksam zu lesen.
- alle Anweisungen sorgfältig zu studieren und zu befolgen.
- sicherzustellen, dass jeder, der mit Installation, Betrieb, Transport und Lagerung dieses Produktes betraut ist, dafür geeignet ist.
- zu überprüfen, ob kein offensichtlicher Transportschaden vorliegt. Sollten Sie Schäden an Stromkabel, Gehäuse oder Leuchtmittel entdecken, nehmen Sie das Gerät nicht in Betrieb.
- setzen Sie sich unbedingt mit Ihrem Fachhändler in Verbindung.

Congratulations on purchasing this Scanic Fog Machine 1200. Thank you for extending your trust in our technology!

This product complies with the requirements stipulated by applicable European and national regulations; conformity has been proven and the respective declarations and documents have been deposited with the manufacturer. This product complies with protection class I and features a protective insulation.

For reasons of safety and approval (CE) the personal reconstruction and/or modification of this product is prohibited. Please observe that damage caused by modifications performed manually to this device is not covered by the warranty.

This product leaves our works in a perfect condition. Please observe all notes in these operating instructions to warrant this condition and the safe operation of the product!

Any damage caused as a result of the non-compliance with these operating instructions leads to the expiration of any warranty claim. The manufacturer does not accept liability for any damage to property or for personal injury resulting from the improper handling of the product, or non-observance of the operating instructions.

Store these operating instructions in a safe place for later reference and pass them to any new holder when selling or lending or leaving this device in the hands of any other party.

Application According to Purpose

This product is a fog machine that generates steam fog from a special fluid. To generate these effects, the product must be connected to mains.

This product is designed for 230 V, 50 Hz A/C operation and exclusively for indoor use.

If used for any purpose other than described in these operating instructions, the device may suffer damage and the warranty expires. Also, any other use is linked with risks such as short circuits, fire, electrical shock, etc.

The manufacturer's serial number must never be removed as otherwise the warranty expires.

Notes on Safety

1. Before Operation



Prior to the initial operation of this product we ask you to

- read these operating instructions with great care.
- study and observe all instructions carefully.
- ensure that everybody and anybody involved in the installation, operation, transport and storage of this product is suitably qualified.
- verify whether any visible damage was caused during transport. If the power cord, housing or the light are damaged, do not operate the device.
- contact your specialised dealer immediately.

2. Netzspannung, Netzkabel und Netzanschluss



ACHTUNG!
LEBENSGEFAHR! BRANDGEFAHR! KURZSCHLUSSGEFAHR!

Der Umgang mit Netzspannung, Netzkabeln und Netzanschlüssen erfordert wegen der Gefahr eines lebensgefährlichen elektrischen Schlages, der Gefahr eines Brandes und der Gefahr eines Kurzschlusses besondere Vorsicht! Bitte beachten Sie insbesondere folgende Hinweise:

Produkte, die an Netzspannung betrieben werden, gehören nicht in Kinderhände. Stellen Sie deshalb sicher, dass bei Anwesenheit von Kindern in der Nähe des Produktes eine dauerhafte Aufsicht erfolgt!

In gewerblichen Einrichtungen sind die Unfallverhütungsvorschriften des Verbandes der gewerblichen Berufsgenossenschaft zu beachten.

In Schulen, Ausbildungseinrichtungen, Hobby- oder Selbsthilfwerkstätten ist das Betreiben des Gerätes durch geschultes Personal verantwortlich zu überwachen.

Überprüfen Sie das Produkt regelmäßig auf Beschädigungen des Netzkabels! Sollten Sie dabei Schäden am Netzkabel entdecken, nehmen Sie das Produkt nicht in Betrieb, bzw. außer Betrieb! Sichern Sie das Produkt gegen unbeabsichtigten Betrieb und setzen Sie sich mit Ihrem Fachhändler in Verbindung!

Trennen Sie das Produkt immer vom Netz, indem Sie den Netzstecker an der Grifffläche anfassen. Ziehen Sie niemals an der Netzleitung!

Stellen Sie sicher, dass Sie das Produkt ausschließlich an 230 V, 50 Hz Wechselspannung anschließen!

Stellen Sie bei Installation, Betrieb, Transport und Lagerung des Produktes stets sicher, dass das Netzkabel weder mechanisch, noch durch Feuchtigkeit, Flüssigkeit, Hitze oder Kälte beschädigt werden kann!

Die Kabeleinführung am Produkt darf nicht durch Züge belastet werden!

Stellen Sie sicher, dass der Netzanschluss erst nach dem Aufbau des Produktes erfolgt. Den Netzstecker immer als letztes einstecken!

Das Produkt darf nur an eine ordnungsgemäße Netzsteckdose des öffentlichen Versorgungsnetzes angeschlossen werden. Stecken Sie das Netzkabel nur in geeignete Steckdosen ein!

Benutzen Sie nur vorschriftsmäßige Verlängerungskabel!

Lassen Sie das Netzkabel nicht mit anderen Kabeln in Kontakt kommen!

Stellen Sie bei Installation, Betrieb, Transport und Lagerung stets sicher, dass keine Kabel frei herumliegen!

Fassen Sie Netzkabel, Netzstecker und Netzsteckdosen nie mit nassen oder feuchten Händen an!

Trennen Sie das Produkt bei Nichtbenutzung, vor jeder Reinigung und vor jeder Befüllung des Tanks vom Netz! Fassen Sie dazu den Netzstecker an der Grifffläche an und ziehen Sie niemals an der Netzleitung!

2. Supply Voltage, Mains Cord and Connection to Mains



ATTENTION!
DANGER OF LIFE! FIRE HAZARD! RISK OF SHORT CIRCUIT!

The handling of supply voltage, mains cords and connections to mains calls for particular care considering the risk from a life-threatening electric shock, the risk of fire and the risk of short circuits! Please observe the following notes in particular:

Products operating on supply voltage should be kept out of the reach of children. Therefore ensure the permanent supervision if children are in the immediate vicinity of the product!

For commercial facilities the regulations on the prevention of accidents of the respective trade association must be observed.

The operation of this equipment at schools, training facilities, and hobby or self-help workshops must be supervised responsibly by trained personnel.

Check the product regularly for any damage to the mains cord! Should you discover any damage to the mains cord, do not operate or disconnect this product! Secure the product against accidental operation and contact your specialised dealer!

Always separate the product from mains by holding the mains plug by the handling surface. Never disconnect by holding the line cord!

Be sure to connect the product exclusively to 230 V, 50 Hz A/C!

Always ensure during installation, operation, transport and when storing the product that the mains cord is not exposed to possible mechanical damage, or damage caused by humidity, fluids, heat or cold!

The product's cable entry must not be exposed to stress from pull!

Create the mains connection once the product has been installed only. Always connect the mains plug last!

The product must only be connected to a proper outlet of the public supply grid. Connect the mains cord to suitable outlets only!

Use extension cords in compliance with specifications only!

Do not allow the mains cord to come into contact with other cords!

Ensure during installation, operation, transport and storage that none of the cables are freely exposed!

Never touch the mains cord, mains plug and outlets with wet or damp hands!

When not using the product, and prior to cleaning and filling always disconnect the product from mains! To do so, hold the mains plug by the handling surface and never pull the mains cord!

3. Gehäuse



ACHTUNG!
LEBENSGEFAHR! BRANDGEFAHR! KURZSCHLUSSEGEFAHR!
VERBRENNUNGSGEFAHR!

Öffnen Sie niemals das Gehäuse! Darin befinden sich keine zu wartenden Teile. Die Wartung darf nur von fachkundigem Personal durchgeführt werden, ansonsten verfällt die Gewährleistung!

Stellen Sie bei Installation, Betrieb, Transport und Lagerung des Produktes stets sicher, dass keine Erschütterungen oder sonstige Gewalteinwirkungen auf das Gehäuse einwirken können!

Das Gehäuse darf schwebend nur über den Installationsarm montiert werden.

Das Gerät muss immer mit einem geeigneten Sicherheitsfangseil gesichert werden.

Das Gehäuse darf während des Betriebs keine anderen Geräte oder Gegenstände berühren!

Leicht entflammbare Materialien wie z.B. Dekorationsmaterialien und andere Gegenstände und Flächen müssen mindestens 1 m vom Gehäuse entfernt sein!

Es muss immer eine einwandfreie Luftzirkulation stattfinden.

Berühren Sie niemals während des Betriebs das Gehäuse – es erhitzt sich. Erst ca. 5 Minuten nach Ende des Betriebs können Sie das Gehäuse wieder berühren!

Es darf keinerlei Flüssigkeit in das Gehäuse eindringen, da dies die Schutzisolierung reduzieren oder Kurzschlüsse auslösen könnte, was zu tödlichen Stromschlägen führen kann! Im Fall von eingedrungener Flüssigkeit müssen Sie sofort den Netzstecker ziehen, das Produkt gegen unbeabsichtigten Betrieb sichern und sich mit Ihrem Fachhändler in Verbindung setzen! Schäden, die durch Flüssigkeiten im Gehäuse entstehen, sind von der Gewährleistung ausgeschlossen.

Es dürfen keine Metallteile oder sonstige Gegenstände in das Gehäuse gelangen, da dies die Schutzisolierung reduzieren oder Kurzschlüsse auslösen könnte, was zu tödlichen Stromschlägen führen kann! Im Fall von eingedrungenen Metallteilen oder sonstigen Gegenständen müssen Sie sofort den Netzstecker ziehen, das Produkt gegen unbeabsichtigten Betrieb sichern und sich mit Ihrem Fachhändler in Verbindung setzen! Schäden, die durch Metallteile oder sonstige Gegenstände im Gehäuse entstehen, sind von der Gewährleistung ausgeschlossen.

4. Nebelflüssigkeitstank



ACHTUNG!
LEBENSGEFAHR! GESUNDHEITSGEFAHR! KURZSCHLUSSEGEFAHR!
EXPLOSIONSGEFAHR! AUSRUTSCHGEFAHR!

Die Nebelflüssigkeit niemals einnehmen, schlucken oder äußerlich anwenden. Bei Haut- oder Augenkontakt sofort spülen und einen Arzt aufsuchen.

Die Nebelflüssigkeit muss unbedingt von Kindern ferngehalten und außerhalb der Reichweite von Kindern aufbewahrt werden.

Die Nebelflüssigkeit darf niemals mit entzündlichen oder heißen Flüssigkeiten gemischt werden.

Es muss sich beim Betrieb immer eine ausreichende Menge Nebelflüssigkeit im Gerätetank befinden. Unzureichende Mengen oder Betrieb ohne Nebelflüssigkeit führen zu Pumpenschäden und Überhitzung.

Verwenden Sie nur ausdrücklich geeignete Nebelflüssigkeiten. Scanic empfiehlt die Verwendung von Universal-Nebelfluid für Verdampfer-Nebelmaschinen, das Sie bei Ihrem Scanic-Händler erhalten. Es dürfen nur Nebelflüssigkeiten verwandt werden, die im Sinne der Arbeitsstoffverordnung der EG-Richtlinien für gefährliche Stoffe als kein gefährlicher Stoff deklariert sind.

Der Nebelflüssigkeitstank darf nur befüllt werden, wenn das Gerät vom Netz getrennt ist.

3. Housing



ATTENTION!
DANGER OF LIFE! FIRE HAZARD! RISK OF SHORT CIRCUIT!
RISK OF BURN!

Never open the housing! The inside does not contain any parts that require maintenance. Maintenance must be carried out by expert staff only, otherwise the warranty expires!

Always ensure during installation, operation, transport and when storing the product that no shocks or other forces impact the housing!

As a suspended installation, the housing must be installed exclusively via the mounting bracket.

The housing must be fixed with an appropriate safety-rope.

The housing must not touch onto any other devices or objects during operation!

Easily flammable materials e.g. decoration material and other surfaces and objects must maintain a minimum distance of 1m to the housing!

Always ensure a sufficient ventilation.

Do not touch the housing or the nozzle during operation - they will heat up. The housing is safe to touch approx. 5 minutes following the end of operation!

Fluids must not enter the housing as this could reduce the protective insulation and may trigger short circuits which may lead to fatal electric shocks! If fluids have entered, disconnect the mains plug immediately and secure the product against unintentional operation and contact your specialised dealer! Damage caused as a result of fluids entering the housing is exempt from warranty.

No metal parts or other items must enter the housing as this may reduce the protective insulation or trigger short circuits which may lead to fatal electric shocks! If metal parts or other items have entered, disconnect the mains plug immediately, secure the product against unintentional operation and contact your specialised dealer! Damage caused by metal parts or other items in the housing is exempt from warranty.

4. Fog Fluid Tank



ATTENTION!
DANGER OF LIFE! RISK OF HEALTH! RISK OF SHORT CIRCUIT!
RISK OF EXPLOSION! SLIPPERY WHEN WET!

Never intake, swallow or apply the fog fluid externally. If the fluid comes into contact with skin or eyes, rinse immediately with clear water and seek medical advice.

Keep the fog fluid away from and out of reach of children.

Never mix the fog fluid with inflammable or hot fluids.

During operation, ensure that the tank is filled with sufficient fog fluid at all times. Insufficient fog fluid or operating the fogger without fog fluid damages the pump and results in overheating.

Only use fog fluid that is expressly marked as suitable. Scanic recommends using universal fog fluid for evaporation foggers, which is available from your Scanic dealer. Only use such fog fluids which are declared a non-hazardous material in accordance with the EU Directive for Workplace Hazardous Materials.

The fog fluid tank must only be filled if the device is disconnected from the power grid.

Sie befüllen den Tank, indem Sie den Tankdeckel abschrauben und vorsichtig Nebelfluid einfüllen. Scanic empfiehlt die Benutzung einer Einführhilfe (Trichter), da Flüssigkeit verschüttet werden könnte.

Nehmen Sie verschüttete Flüssigkeit sofort mit einem Tuch auf. Das Gerät darf nur in Betrieb genommen werden, wenn es vollkommen trocken ist.

5. Sicherung



Trennen Sie vor dem Austausch der Sicherung das Gerät unbedingt vom Netz.

Stellen Sie bei einem Austausch sicher, dass Sie nur geeignete Sicherungen verwenden. Eine falsche Sicherung kann das Gerät beschädigen oder zerstören.

Ersetzen Sie die Sicherung, indem Sie den Sicherungshalter mit einem passenden Schraubenzieher aus dem Gehäuse drehen. Entfernen Sie die defekte Sicherung und setzen Sie die neue Sicherung in die Sicherungshalterung ein. Schrauben Sie die Halterung wieder fest.

Das Gerät darf niemals bei geöffnetem Gehäuse mit dem Netz verbunden sein!

6. Betriebsumgebung



Sorgen Sie immer für genügend Durchlüftung. Unzureichende Lüftung kann zur Kondensation der Nebelflüssigkeit und somit zu rutschigen Flächen führen, die Unfälle verursachen können. Halten Sie einen Mindestabstand von ca. 25 cm rund um die Nebelmaschine ein.

Das Produkt darf nur im Trockenen betrieben und gelagert werden! Spritzwasser und Regen können die Schutzisolierung reduzieren, was zu tödlichen Stromschlägen führen kann!

Das Produkt darf nur bei einer Temperatur zwischen -5 und 45 Grad Celsius betrieben werden. Schützen Sie das Produkt dazu vor direkter Sonneneinstrahlung oder anderweitiger externer Erhitzung wie z.B. durch Heizkörper!

Wenn das Produkt von einem kalten Raum in einen warmen Raum gebracht wurde, darf es erst in Betrieb genommen werden, wenn es Zimmertemperatur erreicht hat, da das dabei entstehende Kondenswasser es unter Umständen zerstören kann!

Das Produkt muss vor Staub geschützt werden! Staub kann die Schutzisolierung reduzieren, was zu tödlichen Stromschlägen führen kann!

Das Produkt darf nur zwischen Höhenlagen von 20 m unter bis 2000 m über Normalnull (NN) in Betrieb genommen werden!

Das Produkt darf nicht bei Gewitter betrieben werden, da ansonsten eine Zerstörung durch Überspannung droht!

Das Produkt darf nur in einem Mindestabstand von 1 m zu den beleuchteten Objekten betrieben werden!

7. Installation



Sie können das Produkt aufgehängt und stehend betreiben.

Fill the tank by unscrewing its lid and carefully pouring fog fluid into it. Scanic recommends a funnel or similar contrivance, to avoid spilling any fluid.

Immediately remove any spills with a cloth. The device must only be operated if completely dry.

5. Fuse



Disconnect the product from the mains prior before changing a fuse.

Only replace the fuse by a fuse of same type and rating! An incorrect fuse could damage or destruct the lighting effect.

Replace a fuse by unscrewing the fuseholder cover. Remove the old fuse and place the fuse inside the holder. Replace the fuseholder and screw it.

Never connect the lighting effect to the mains prior with opened housing.

6. Operating Environment



Ensure sufficient ventilation at all times. Insufficient ventilation may lead the fog fluid to condensate, resulting in a slippery surface which may cause accidents. Maintain a minimum distance of approx. 25 cm around the fog machine.

The product must be operated and stored in a dry environment only! Splash water and rain may reduce the protective insulation which may lead to fatal electric shocks!

The product must be operated at a temperature range of between -5 °C and 45 °C only. Protect the product against direct exposure to sunlight or other heat, such as from radiators!

If the product is taken from a cold environment into a warm environment it must only be taken into operation once it has reached ambient temperature, since the condensation created by the difference in temperature may destroy the device!

Protect the product against dust! Dust may reduce the protective insulation, which may cause fatal electric shocks!

The product must be operated at altitudes ranging between 20 m below and 2000 m above sea level only!

The product must not be operated during thunder storms; risk of destruction from surge voltages!

The product must be operated at a minimum distance of 1m to lit objects only!

7. Installation



This product can only be operated as a suspended installation or as a stand-alone system.

Die Nebelsprühdüse darf niemals direkt auf Personen oder auf offene Flammen gerichtet werden.

Die Nebelmaschine darf keinesfalls auf Augenhöhe installiert werden.

Die Nebelmaschine muss in einem Mindestabstand von 150 cm zu Personen installiert werden.

Halten Sie mindestens 50 cm Abstand zur Nebelsprühdüse. Es besteht Verbrunnungsgefahr.

Der Querneigungswinkel darf niemals mehr als 15 Grad betragen; unabhängig davon, ob das Gerät stehend oder aufgehängt installiert wird.

Das Gerät darf stehend nur auf einem massiven, feuerfesten, kratz- und wasserunempfindlichen und erschütterungsfreiem Untergrund betrieben werden.

Wenn dieses Gerät irgendwelche Anzeichen von Beschädigung aufweist, darf eine aufgehängene Installation nicht vorgenommen werden! Lassen Sie in diesem Fall das Gerät durch Ihren Scanic-Fachhändler reparieren.

Scanic übernimmt keine Verantwortung oder Haftung für durch unsachgemäße aufgehängene Installation entstandene Sach- oder Personenschäden!

Eine aufgehängene Installation dieses Gerätes kann nur durch ausreichend geschultes, professionelles Personal durchgeführt werden!

Eine aufgehängene Installation dieses Gerätes darf nur mit einem dafür geeigneten Trägersystem erfolgen!

Eine aufgehängene Installation dieses Gerätes darf nur mit dafür vorgesehenen Materialien vorgenommen werden!

Es ist unzulässig das Gerät frei schwingend im Raum zu befestigen.

Achten Sie darauf, dass die Feststellschrauben am Installationsarm gut festgezogen sind.

Beachten Sie bei gewerblichen Einsatz die Einhaltung von Sondervorschriften. Bei der Montage sind die Bestimmungen der BGV C1 und EN 60598-2-17 zu befolgen.

Sorgen Sie dafür, dass sich nach Möglichkeit unterhalb der aufgehängenen Installation keine Personen befinden.

Das Gerät ist zwingend mit einer zweiten, eigenständigen Befestigung anzubringen. Die zweite Befestigung muss gewährleisten, dass im Ausfall der Haupthalterung keine Montageteile herabstürzen können.

Das Gerät muss über einen dafür zugelassenen Haken an einem Traversensystem montiert werden.

Es ist dafür Sorge zu tragen, dass ein Sachverständiger maschinentechnische und sicherheitstechnische Einrichtungen vor der ersten Inbetriebnahme und nach wesentlichen Änderungen vor der Wiederinbetriebnahme kontrolliert.

Es ist dafür Sorge zu tragen, dass ein Sachverständiger maschinentechnische und sicherheitstechnische Einrichtungen mindestens einmal im Jahr kontrolliert.

Es ist dafür Sorge zu tragen, dass ein Sachverständiger maschinentechnische und sicherheitstechnische Einrichtungen mindestens alle vier Jahre im Umfang einer Abnahmeprüfung kontrolliert.

Die Installationsbefestigung muss so beschaffen sein, dass sie über die Dauer von 60 Minuten ohne nachteilige Formveränderung dem 10-fachen der Nutzlast standhalten kann.

Während jeglicher Montagearbeiten ist das unnötige Aufhalten unterhalb der Installationen strengstens untersagt.

Das Lichteffektgerät muss bei der Überkopfmontage zwingend durch ein Sicherheitsfangseil gesichert werden. Das Seil muss dabei dem 12-fachen des Lichteffektgewichts standhalten. Benutzen Sie Fangseile mit Schnellverschlussgliedern. Der Fallabstand darf maximal 20cm betragen. Defekte Fangseile oder Fangseile die schon einer Belastung durch einen Fall ausgesetzt waren, dürfen nicht verwendet werden.

Never direct the fog nozzle on an individual or open flames.

Do not install the fog machine at eye-level.

The fog machine must be installed at a minimum distance of 150 cm to individuals.

Keep a minimum 50 cm distance to the fog nozzle. Risk of burning!

The angle of bank must never exceed 15 degree, no matter whether the device is installed on the ground or suspended.

If the fogger is installed on the ground, it must only be operated on a solid, fireproof, non-scratch and water resistant and resilient support.

Should your Scanic device show any signs of damage, do not suspend the device! In this case, have your lighting effect repaired by your specialised Scanic dealer.

Scanic does not accept responsibility or liability for damage to property or personal injury resulting from an improperly suspended installation!

The suspended installation of this device must be carried out by trained and professional staff!

The suspended installation of this device necessitates a suitable suspension system!

The suspended installation of this device must only be carried out with the appropriate materials!

The device must never be fixed swinging freely in the room.

Please ensure that the fixing screws on the installation arm are adequately tightened.

Observe the regulations if the product is used for commercial operation. Consider the EN 60589-2-17.

No individuals should linger underneath the device during suspended installation!

It is a must to install this device with a second independent fixture. Such second fixture must guarantee in the event of failure of the main fixture that no assembly parts will fall down.

The device unit must be attached via a certified hook to a tie-bar system.

It must be ensured that an expert inspects the mechanical and safety-relevant installation prior to the initial operation and following major modifications, prior to the renewed operation.

It must be ensured that an expert inspects the mechanical and safety-relevant installation at least once a year.

It must be ensured that an expert inspects the mechanical installation and the installation of relevance to safety within the framework of an acceptance test at least every four years.

The installation fixture must be as such that it can withstand for a period of 60 minutes 10 times the load capacity without harmful deformation.

It is prohibited for any individual to unnecessarily stay or pass beneath the installation during any type of assembly work.

The device must be secured by a safety arrester cable if fly-mounted. The cable must withstand 12 times the weight of the light effect unit. Use arrester cables equipped with quick closing links. The dropping distance must not exceed 20 cm. Defect arrester cables or arrester cables that have already been exposed to stress must not be used.

8. Betrieb



8. Operation



Vergewissern Sie sich zunächst, dass der Nebelflüssigkeitstank aufgefüllt ist.

Verbinden Sie die Fernbedienung mit dem Fernbedienungsanschluss auf der Rückseite des Gerätes.

Schließen Sie nun den Netzstecker an die Netzsteckdose an. Schalten Sie dann das Gerät mit dem EIN-/AUS-Schalter an.

Sobald der Vorheizvorgang abgeschlossen ist (ca. 10 Minuten), leuchtet die Kontroll-LED auf der Kabelfernbedienung auf. Betätigen Sie nun den Knopf unterhalb der LED für den Nebelausstoß.

Warten Sie vor jedem Sprühvorgang, bis der Vorheizvorgang abgeschlossen ist.

Vermeiden Sie es, das Produkt schnell nacheinander mit dem Netz zu verbinden und es wieder vom Netz zu trennen bzw. ein- auszuschalten!

Nach Ende der Benutzung trennen Sie das Produkt vom Netz.

9. Reinigung



Das Produkt muss regelmäßig von Staub, anderen Ablagerungen und Verschmutzungen gereinigt werden, weil ansonsten die Schutzisolierung reduziert werden könnte, was zu tödlichen Stromschlägen führen kann!

Trennen Sie das Produkt vor jeder Reinigung unbedingt vom Netz!

Dieses Produkt sollte äußerlich nur mit einem leicht feuchten Tuch gereinigt werden. Verwenden Sie niemals aggressive Reinigungsmittel, Lösungsmittel oder Waschbenzin zum Reinigen.

Die Heizkomponente der Nebelmaschine sollte ungefähr alle 40 Betriebsstunden gereinigt werden. Scanic empfiehlt die Benutzung von Scanic Nebelmaschinen-Reiniger. Füllen Sie diesen in den entleerten Flüssigkeitstank und nehmen Sie dann das Gerät in Betrieb. Drücken Sie ein paar Mal die Nebelfunktionstaste, bis sich die Ablagerungen gelöst haben. Danach trennen Sie das Produkt unbedingt wieder vom Netz und entleeren den Tank.

Stellen Sie sicher, dass das Produkt komplett trocken ist, bevor Sie es nach der Reinigung wieder in Betrieb nehmen!

10. Transport



Um Transportschäden auszuschließen, entleeren Sie immer den Tank, verpacken Sie das Produkt bitte nur in der ursprünglichen Originalverpackung und lassen beim Transport Vorsicht walten!

Technische Daten

Folgende Daten des Herstellers werden von der Global Distribution GmbH nicht auf Plausibilität und Richtigkeit geprüft:

Spannung:220 V AV, 50 Hz
Gesamtanschlusswert:1200 W
Aufwärmzeit:10 Minuten
Tankvolumen:1.5 Liter
Nebelausstoß:560 m³/min.
Maße:525 x 270 x 320 mm
Gewicht:7,0 kg

Scanic wünscht Ihnen nun viel Spaß!

Scanic Lighting Effects
Global Distribution GmbH, Schuckertstr. 28, 48153 Münster, Germany, Fax
++49/251/6099368

Before operation, check to ensure that the fog fluid tank has been filled.

Connect the remote control with the remote control connection to the back of the fogger.

Connect the mains plug to an outlet and switch on the device with the on/off switch..

As soon as pre-heating has been completed (appr. 10 minutes), the control LED illuminates on the cable remote control. Activate the button below the LED to emit fog.

Before spraying again, wait until pre-heating has been completed.

Avoid dis/connecting the product repeatedly and quickly from/with mains or switching it on/off repeatedly!

After the end of operation disconnect the device from mains.

9. Cleaning



The product must be freed regularly from dust, other deposits and contamination as this may reduce the protective insulation, which may lead to a fatal electric shock!

Before cleaning, always disconnect the product from mains!

This product should be cleaned from the outside with a moist cloth only; never use aggressive cleaning agents, solvents or benzine for cleaning.

The heating component of the fog machine should be cleaned after approximately 40 operating hours. Scanic recommends using the Scanic fog machine cleaner for this. Fill the cleaner into the emptied fluid tank and operate the fogger. Activate the fog button repeatedly to clean out any deposits. After this, be sure to disconnect the fogger from the power grid and empty the tank.

Ensure that the product is completely dry before operating it again after cleaning!

10. Transport



To avoid damage caused during transport, empty the tank and wrap the product in its original packaging only and handle it with great care during transport!

Technical Information

Global Distribution GmbH did not check the following manufacturer's data for plausibility and accuracy:

Voltage:220 V AV, 50 Hz
Total connected load :1200 w
Warm-up time:10 min.
Tank volume:1.5 l
Fog output:560 m³/min.
Dimensions:525 x 270 x 320 mm
Weight:7.0 kg

And now enjoy the Scanic experience!

Scanic Lighting Effects,
Global Distribution GmbH, Schuckertstraße 28, 48153 Muenster, Germany,
Fax +49.251.6099368

The logo for Scanic, featuring the word "Scanic" in a stylized, italicized, sans-serif font. The letters are white and set against a dark grey background.

Scanic Lighting Effects, Global Distribution GmbH, Schuckertstraße 28, 48153 Muenster, Germany, Fax +49.251.6099368

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www.scanic.de



Z-1200II / Z-1500II / Z-3000II

Fog Machine User Manual



CONFORMS TO
ANSI/UL STD.998
CERTIFIED TO
CAN/CSA STD.
C22.2 No.104



English • Français • Deutsch • 中文

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User Manual

Antari **Z-1200II, Z-1500II and Z-3000II** Fog Machine



***Congratulations on the purchase of your new
ANTARI Z-Series II FOG MACHINE.***

Introduction

Thank you for choosing a ANTARI Z-Series II Fog Machine. You now own a rugged and powerful state-of-the-art machine. Prior to use, we suggest that you carefully read all of the instructions. By following the suggestions found in this user manual, you can look forward to the reliable and satisfactory performance of your ANTARI Fog Machine for years to come.

Please follow these operation, safety and maintenance instructions to ensure a long and safe life for your fog machine.

CAUTION:

Risk of electric shock. Disconnect the appliance from the electric supply before refilling liquid, cleaning or performing maintenance on the machine.

Danger of Electric Shock

- Keep this device dry.
- For inside use only. Not designed for outside use.
- For the 110V models, use 3-prong grounded electrical outlet only. Prior to use take care to determine that the unit is installed at the rated voltage.
- Always unplug your ANTARI Z-Series II Fog Machine before filling its tank.
- Always keep fog machine in upright position.
- Turn off or unplug the machine when not in use.
- This machine is not water-proof. If moisture, water, or fog fluid gets inside the housing, immediately unplug the unit and wipe it with clean dry cloth.
- No user serviceable parts inside. Refer to your ANTARI dealer or other qualified service personnel.

Danger of Burns

- This device is for adult use only and must be installed out of the reach of children. Never leave the unit running unattended.
- Never aim the output nozzle directly at people.
- Fog machine output is very hot. Avoid coming within 60 cm of the output nozzle during operation.
- Locate the fog machine in a well-ventilated area. Never cover the unit's vents. In order to guarantee adequate ventilation, allow a free air space of at least 20 cm around the sides and top of the unit.
- Never aim the output nozzle at open flames.
- If the supply cord is damaged, it must be replaced by manufacturer or its service agent or similarly qualified personnel in order to avoid a hazard.
- The output nozzle becomes very hot during operation (200°C). Keep flammable materials at least 50 cm away

from the nozzle.

- Always allow your ANTARI Fog Machine to cool down before attempting to clean or service it.

Danger of Explosion

- Never add flammable liquids of any kind (such as oil, gas, perfume) to the fog liquid.
- Use only high-quality, water-based fog liquid that your dealer recommends. Other fog liquids may cause clogging or “spitting”.
- Always make sure there is sufficient liquid in the tank. Operating this unit without liquid will cause damage to the pump as well as over-heating of the heater.
- Always drain tank before mailing or transporting this unit.
- Never drink fog liquid. If it is ingested, call a doctor immediately. If fog liquid comes in contact with skin or eyes, rinse thoroughly with water.

Note: Pay attention to all warning labels and instructions printed on the exterior of your ANTARI Fog Machine

Unpacking & Inspection

Open the shipping carton and verify that all equipment necessary to operate the system has arrived intact. The shipping carton should contain the following items:

1. One unit of Z-Series II Fog Machine with power cord
2. Mounting brackets with washers/screws (for Z-1200II)
3. Z-8 Multi-function remote control with attached cord (for Z-1200II)
4. Z-20 multi-function remote control with attached cord (for Z-1500II & Z-3000II)
5. User Manual

If any equipment is missing contact your ANTARI dealer immediately.

Before beginning your initial setup on ANTARI Z-1200II, Z-1500II or Z-3000II Fog Machine, make sure that there is no evident damage caused by transportation. In the event that the unit's housing or cable is damaged, do not plug it in and do not attempt to use it until after contacting your ANTARI dealer for assistance.

Setup

- Remove all packing materials from shipping box. Check that all foam and plastic padding is removed, especially in the nozzle area.
- Place fog machine on a flat surface and remove fog liquid tank cap.
- Fill with high-quality, water-based fog liquid recommended by ANTARI dealer. Any other types of fluid can damage the unit resulting in spitting and serious clogging problem. When filled, place cap back on liquid tank.
- Be careful not to exceed the maximum fluid level. DO NOT OVERFILL.
- Firmly attach the Z-8 or Z-20 control module cable to the connector inside the rear chamber of the machine.

Z-1200II Operation

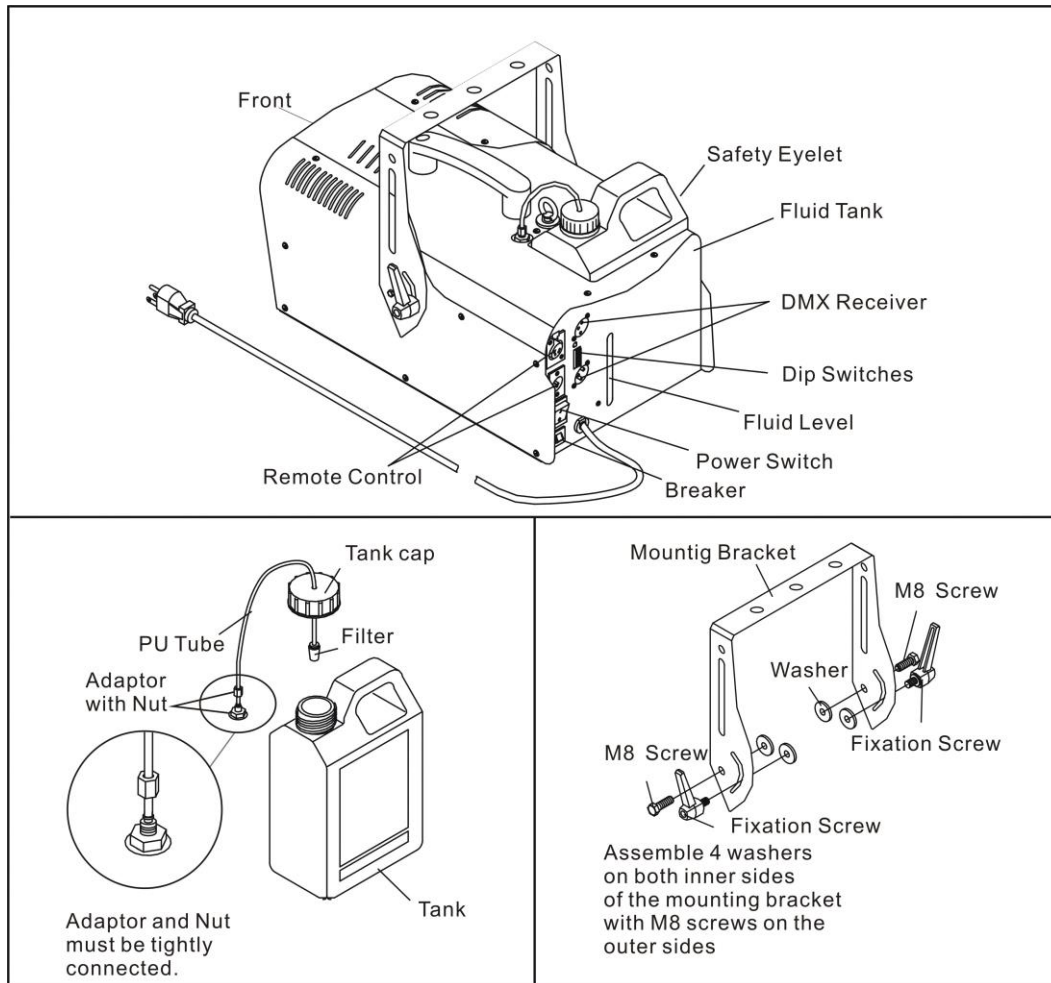
- Add fluid carefully to the liquid tank. Do not overfill the tank.
- Plug the remote control cord into the slot marked remote control on the back of the machine.
- Plug power cord into a grounded electrical outlet. Turn the power switch to “ON” on the back of the machine. The red light on the remote will turn ON once the machine is plugged into a power outlet and the ON/OFF switch is turn ON. The unit will take a couple of minutes to warm up the heater. During this time the machine cannot generate fog. The green light on the remote will turn ON once the machine is ready to produce fog.
- To emit fog press the green button on the remote. Z-1200II is controlled via the Z-8 remote control.
- For detailed instruction on the various functions on operating your Z-1200II Fog Machine, see the section titled “Remote Control Operation”.

Important: Always monitor tank fluid level as you are fogging. Running a fog machine with no fluid can permanently damage the unit.

Z-1200II: Your model includes a mounting bracket designed for overhead installation; it may be installed at floor level or suspended overhead. If the unit is to be mounted using the bracket, it is

important that the fog does not shoot directly at any one's face. Whatever installation method you choose, do not allow the unit to have more than a 25 degree angle of inclination.

Z-1200II Description



Note: If you experience low output, pump noise or no output at all, unplug immediately. Check fluid level, the external fuse, remote control connection and power from the wall. If all of the above appears to be O.K., plug the unit again. If fog does not come out after holding the remote button down for 30 seconds, check the hose attached to the tank to make sure there is fluid going through the hose. If you are unable to determine the cause of the problem, do not simply continue pushing the remote button, as this may damage the unit. Return the machine to your ANTARI dealer.

Technical Specifications

Model	Z-1200II
Power Supply	AC 100~120V or AC 220~240V, 50/60 Hz
Power Consumption	1200 W
Output Volume	18,000 cu. ft/min.
Tank Capacity	2.5 liters
Fluid Consumption	15 min./ liter (100% output)
Weight	10.9 kgs
Dimensions (mm)	L458 W243 H177
Remote Included	Z-8
Warm-up Time	9 mins

Remote Control Operation

- ◆ **Z-8:** 25 feet wired multi-function remote control with 4-PIN plug for ANTARI Fog Machine model Z-1200II.

The **Interval** knob adjusts the time between discharges when the timer function is engaged. The range is from 10 seconds to 250 seconds.

The **Volume** knob controls the volume of the fog produced. The range is from 0% - 100% of maximum output.

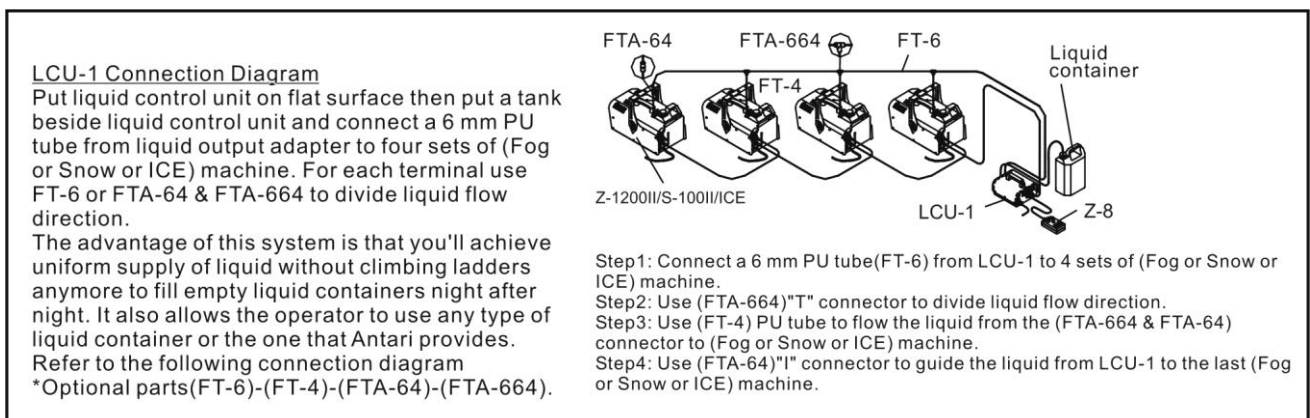
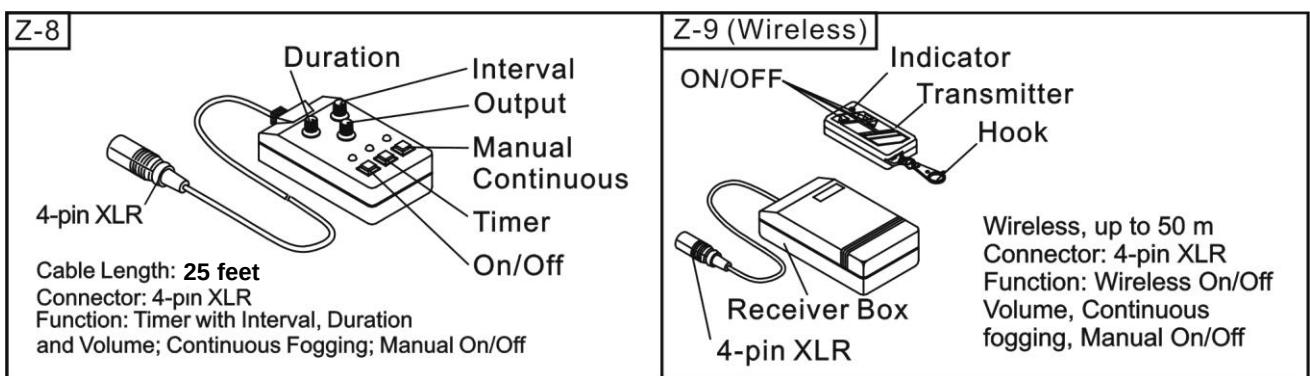
Adjust the **Duration** control knob of each fog emission (within the range of 1 to 15 seconds).

The yellow **TIMER** button controls the timer function. Depress the button to activate. When activated, the yellow light will turn ON. Adjusting the interval knob will determine the time between fog output (10 – 250 seconds). The duration of output is set at 15 seconds. The volume can be adjusted using the volume knob to control the amount of fog produced.

The red **CONTINUOUS** button sets the machine to constant fog production. To activate this function, depress the red button. The volume knob can be used to regulate the volume of the steady stream of fog produced.

The green **MANUAL** button will produce a continuous blast at maximum volume while the button is held down. When released, the manual function stops and the machine will return to the previous setting; timer, continuous, or stationary.

Note: The continuous function will override the Timer function. Therefore, if both buttons have been depressed the Z-1200II will fog continuously. The manual function overrides all functions. When depressed and held down the Z-1200II will fog at maximum volume for as long as the button is held down, regardless of the machine's setting at the time.



Z-1500II & Z-3000II Operation

- Add fluid carefully to the liquid tank. Do not overfill the tank.
- The Plug should be in a position that is accessible when using the machine.
- Plug power cord into a grounded electrical outlet. Turn the power switch to "ON" on the back of the machine. Warm-up is completed when the display on the control module shows "Ready to Fog"
- To emit fog press the appropriate button on the control module for the desired length of time.
- The control unit display will display "Warming up" as the machine re-heats to the proper operating temperature.
- For further information on operating your Z-1500II, Z-3000II Fog Machine, see the section titled "Control Module Operation".

CAUTION: “Visibility during operation is reduced”.

This model can be operated at a floor level or sitting on any regular surface. Whatever installation method you choose, do not allow the unit to have more than 25 degree angle of inclination.

Important: Always monitor tank fluid level as you are fogging. Running a fog machine with no fluid can permanently damage the unit.

Note: If you experience low output, pump noise or no output at all, unplug immediately. Check fluid level, the external fuse, remote control connection and power from the wall. If all of the above appears to be O.K., plug the unit again. If fog does not come out after holding the remote button down for 30 seconds, check the hose attached to the tank to make sure there is fluid going through the hose. If you are unable to determine the cause of the problem, do not simply continue pushing the remote button, as this may damage the unit. Return the machine to your ANTARI dealer.

Technical Specifications

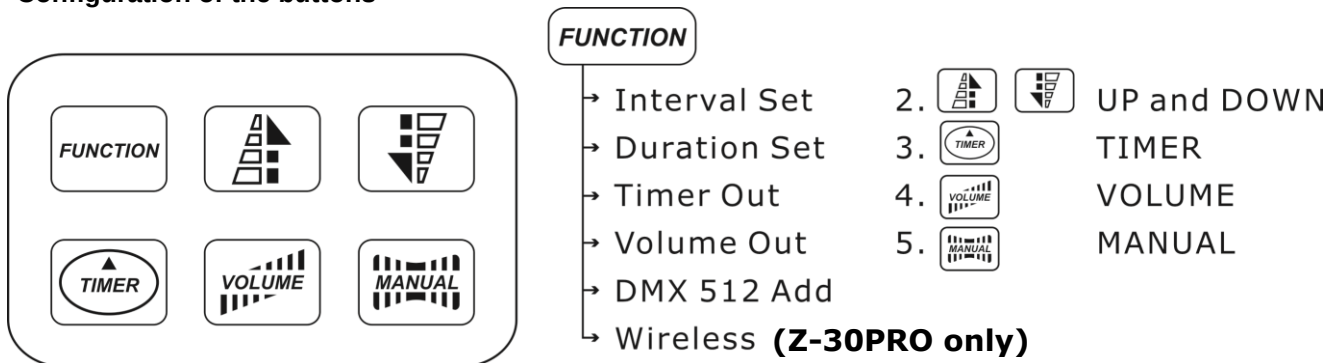
Model	Z-1500II	Z-3000II
Power Supply	AC 100~120V or AC 220~240V, 50/60 Hz	AC 220~240V, 50~60 Hz
Power Consumption	1500 W	3000 W
Output Volume	20,000 cu.ft/min.	40,000 cu.ft/min.
Tank Capacity	6 liters	6 liters
Fluid Consumption	9 mins/ liter (100% output)	5 mins/ liter (100% output)
Weight	14 kgs	19.9 kgs
Dimensions(mm)	L688 W285 H188	L735 W310 H192
Remote Included	Z-20	Z-20
Optional Remote	Z-30PRO	Z-30PRO
Warm-Up Time	8.5 mins	12 mins

Z-20 Control Module Operation:

A 2 meter wired multi-function remote control with 5-pin XLR connector for ANTARI Fog Machine models Z-1500II and Z-3000II. Its interface allows the operator to customize fog machine functions by adjusting fogging duration, interval and volume. Its LCD displays current operating parameters, which are automatically stored in non-volatile memory, allowing the machine to be powered down without losing function settings. Instructions below:

After switching on, the display shortly indicates »Antari Z-20«. Then the fog machine starts with the warm-up process and the display indicates »Warming Up«. While the unit is warming up, fog output will not be possible yet. Program the necessary menu settings with the control panel. Once the warm-up process is completed, fog output will be possible. The display indicates »Ready to Fog«.

-Configuration of the buttons



-Menu settings with the button FUNCTION

Setting time intervals for timer operation

Press the button FUNCTION until the display indicates »Interval Set«. Use the buttons UP and DOWN to adjust the intervals between the individual fog outputs in timer mode within the range of 1 and 200 seconds.

Setting the output duration for timer operation

Press the button FUNCTION until the display indicates »Duration Set«. Use the buttons UP and DOWN to adjust the duration of the fog outputs in timer mode within the range of 1 and 200 seconds.

Setting the fog output volume for timer operation

Press the button FUNCTION until the display indicates »Timer Out«. Use the buttons UP and DOWN to adjust the fog output volume in timer mode within the range of 1 % and 100 %.

Setting the fog output volume for continuous operation

1. Press the button FUNCTION until the display indicates »Volume Out«. Use the buttons UP and DOWN to adjust the fog output volume in continuous mode within the range of 1 % and 100 %.
2. To set the unit to continuous fog output in continuous mode, select »NON STOP BURST« below a value of 1 % or above a value of 100 %.

NOTE: When setting a fog output volume higher than 30 % for continuous operation, the fog machine occasionally needs to stop the fog output to reheat.

When »NON STOP BURST« is selected, the fog machine adjusts the fog output volume and heater temperature automatically and does not need to stop the fog output to reheat.

Setting the DMX512 address

Press the FUNCTION until the display indicates »DMX 512 Add.«. Use the buttons UP and DOWN, to set the machine to the same address as on your DMX controller. Please refer to chapter DMX512 settings for more information on DMX operation.

-Continuous operation

Press the button VOLUME, to activate continuous fog output. The display indicates »Volume« followed by the value that was set in menu item »Volume Out« or »NON STOP BURST« when continuous fog output was selected. To stop the fog output, press the button VOLUME once again.

NOTE: When a fog output volume higher than 30 % was set for continuous operation, the fog machine occasionally needs to stop the fog output to reheat. When »NON STOP BURST« was selected, the fog machine adjusts the fog output volume and heater temperature automatically and does not need to stop to reheat.

-Manual operation

For immediate fog output at the maximum volume of fog, keep the button MANUAL pressed. The display indicates »Manual 100 %«. As soon as you release the button, the fog output will stop. The manual operation will take priority over the continuous operation and the timer operation. Even if one of these operating modes is activated, the fog machine will always emit the maximum volume of fog when the button MANUAL is pressed.

-Timer operation

In the timer mode, the fog machine will automatically emit fog. The time intervals, duration and fog volume depend on the corresponding menu settings. Press the button TIMER, to activate the timer mode. The display indicates the set time interval. The unit counts down to 0 seconds and emits fog. To deactivate the timer mode, press the button TIMER again.

Z-30PRO Wireless Control Module Operation

The wireless control module Z-30PRO consists of a transmitter equipped with two buttons for fog on and off, and a receiver pre-attached to the panel of each Z-30PRO.

*** Transmitter:**



With the transmitter it is possible to emit fog via radio over a distance of up to 50 meters. The transmitter is compatible to any receiver of the Z-30PRO and can control an unlimited number of machines in parallel.

Press the button "A", to emit fog. The button "A" has the same function as the button VOLUME on the control panel, i.e. the fog output depends on the setting of menu item »Volume Out«. The display indicates »Volume« followed by the defined value or »NON STOP BURST« when continuous fog output was selected. To stop the fog output, press the button "B".

*** Receiver:**



The receiver is tested and pre-attached to the panel of each Z-30PRO. Please do not try to remove it. The receiver responds to up to 5 different transmitters that are registered with the machine. The included transmitter has been registered to the machine before shipment. It can be directly operated without any start-up setting.

-Registering transmitters

To operate the machine with a different transmitter than the included one, or to operate it with up to 5 different transmitters, each transmitter must be registered first. For this purpose, turn on the machine. When the display indicates »Wireless Setup«, press the button "A" 1 second on each transmitter. Thus the previous transmitters are cleared from the memory of the receiver. The setting must be completed within 15 seconds after switching on the machine. Then the machine will automatically exit the transmitter setting mode. The display shows »Wireless Setup OK«. At this point, no further transmitter can be added.

If no transmitter is registered when the machine is switched on, the memory of the receiver will keep the record of the previous operation.

Setting Example 1:

In order to register several transmitters with a machine, turn on the machine. When the display indicates »Wireless Setup«, press the button "A" 1 second on each transmitter within 15 seconds to establish the signal transmission.

Setting Example 2:

In order to use 1 transmitter to control 2 or more machines, turn on the machines respectively. When the displays indicate »Wireless Setup«, press the button "A" 1 second on the transmitter within 15 seconds to establish the signal transmission.

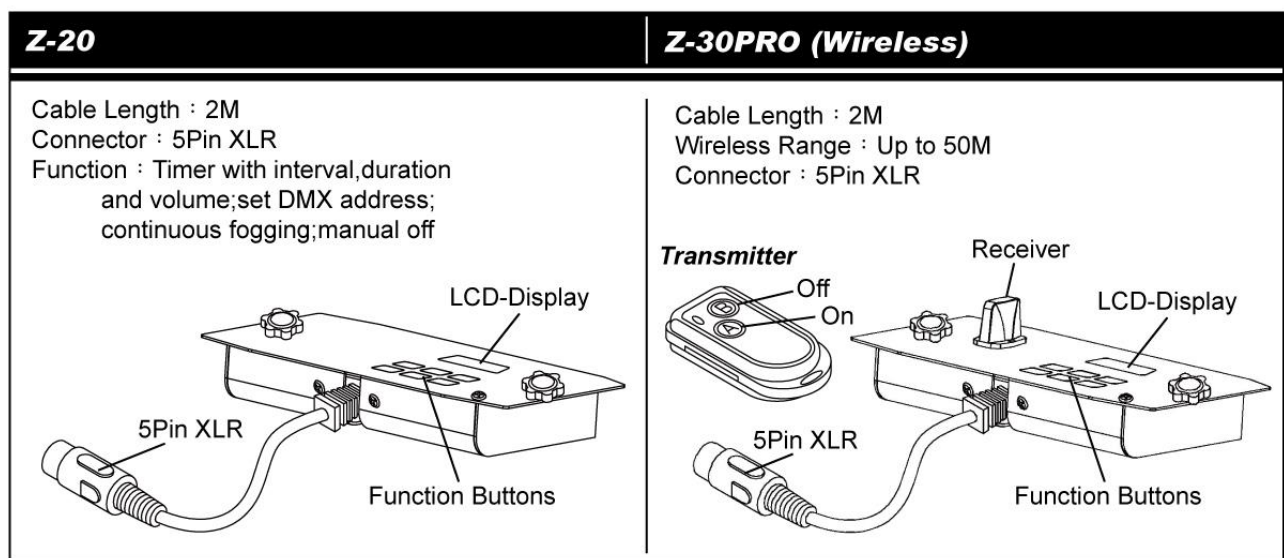
-Battery change on the transmitter

If the range of the transmitter decreases, the battery is probably exhausted and must be replaced. For this purpose, take off the housing cover and remove the used battery. Insert a fresh DC 12V battery as indicated in the battery compartment and refit the housing cover.

Switching the wireless function on and off

Press the button FUNCTION until the display indicates »Wireless On«. Use the buttons UP and DOWN to deactivate the wireless function (indication »Wireless Off«) and to reactivate it (indication »Wireless On«).

- Note: When warming-up process is completed and wireless function is activated the LCD screen indicates "Ready To Fog W". ("W" means Wireless) On the contrary, when the wireless function is deactivated the LCD screen shows "Ready To Fog" (Without "W").



Performance Note

- All fog machines develop condensation around the output nozzle. Because this may result in some moisture accumulation on the surface below the output nozzle, consider this condensation when installing your unit.
- All fog machines may sputter small amounts of fog occasionally during operation and for a minute or so after being turned off.
- All fog machines have a recycling period after long bursts when the machine will shut itself down for a short period in order to heat up again. During this time no fog can be produced.

Cleaning and Storage

Cleaning your fog machine regularly can help you reduce the frequency of parts replacement and the cost of maintenance.

After 2,000 hours operation, we suggest you use distilled water to clean the heater as following steps:

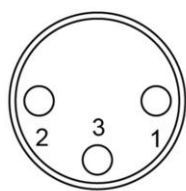
1. Fill proper distilled water into a clean tank and connect the fluid tube of the fog machine to the tank.
2. Run the fog machine in a well ventilated place until the tank is empty.
3. Use dry cloth to wipe the fog machine.

If the fog machine is not in use, please clean it before storage. Store the fog machine in a dry and cool place. At least run the fog machine once a month.

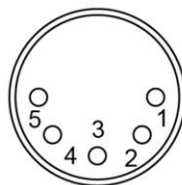
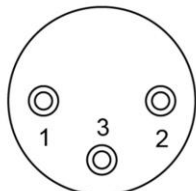
Please read and save these instructions.

DMX Connector Pin Assignment

The machine provide 3 or 5 pin XLR connector for DMX connection. Diagram below indicate pin assignment information



3 Pin XLR

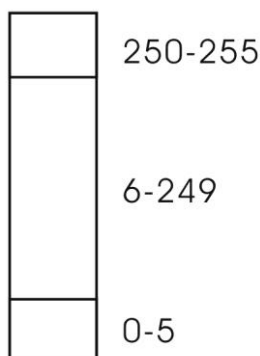


5 Pin XLR

Pin	Function
1	Ground
2	Data-
3	Data+

Antari Z-1200II, Z-1500II, Z-3000II on-board DMX settings

Channel A



0 - 5 = OFF

6 – 249 = Volume Control (5% - 95%)

250 – 255 = Maximum Volume Output (100%)

The Z-1200 II, Z-1500II & Z-3000II Fog Machines have on-board DMX control. These models use 1 channel to control volume output operation. Each channel has a value range of 0 to 255. Timer functions such as duration and interval can be programmed using the DMX controller or the DMX control software being used by lighting and effects operator.

If Channel A has a value from 0 to 5, the unit is OFF.

Between the values 6 to 249 the volume of fog output is regulated. With 6 being the minimum volume of fog produced and 249 approaching the maximum. The volume output rises as the DMX value is increased.

If Channel A has a value from 250 TO 255, the machine will operate at maximum output.

Note: In the example above, if the machine were assigned the DMX address of 124, Channel A would correspond to DMX address 124.

In general, Antari fog machines with onboard DMX conform to the following performance specifications:

1. Average Operating temperature = 250°C
2. Fogger can maintain maximum output for 30 seconds or more
3. Fogger can maintain constant output at 25% volume setting (roughly a value of 75).

Addressing (Z-1200II)

Each device occupies 1 channel. To ensure that the control signals are properly directed to each device, they require addressing. This is to be adjusted for every single device by changing the DIP-switches as set out in the table below.

The starting address is defined as the first channel from which the device will respond to the controller.

Please make sure that you do not have any overlapping channels in order to control each device correctly and independently from any other fixture on the DMX data link. If two, three or more devices are addressed similarly, they will work similarly.

Occupation of the DIP-switches:

Setting the DMX-starting address:	DIP-switch no.	1	2	3	4	5	6	7	8	9
Device number & channels	Starting address	1	2	4	8	16	32	64	128	256
Device 1 - channel 1	On	▲								
	Off		▽	▽	▽	▽	▽	▽	▽	▽
Device 2 - channel 2	On		▲							
	Off	▽		▽	▽	▽	▽	▽	▽	▽
Device 3 - channel 3	On	▲	▲							
	Off			▽	▽	▽	▽	▽	▽	▽
Device 4 - channel 4	On			▲						
	Off	▽	▽		▽	▽	▽	▽	▽	▽
Device 5 - channel 5	On	▲		▲						
	Off		▽		▽	▽	▽	▽	▽	▽