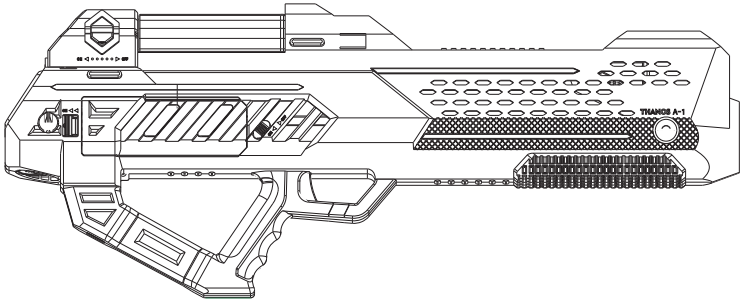


# Froggy's Fog



## Thanos A-1 Fog Blaster

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## USER MANUAL

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# 1 BEFORE YOU BEGIN

## 1.1 What Is Included




A-1 Fog Blaster × 1  
 Charging Base × 1  
 Power cord × 1  
 Flight Case × 1

Fluid Container × 2  
 Battery × 2  
 Strap × 1

## 1.2 Unpacking Instructions

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition. If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier or dealer/seller immediately. In addition, keep the box and contents for inspection.

## 1.3 Symbols

Symbol	Meaning
	<p>Caution</p> <p>Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.</p>
	<p>Important</p> <p>Important installation or configuration information. Failure to comply with this information may keep the product from working correctly.</p>
	<p>Information</p> <p>Useful information.</p>

## 1.4 Disclaimer

The information and specifications contained in this User Manual are subject to change without notice. FROGGY'S FOG assumes no responsibility or liability for any errors or omissions and reserves the right to revise this manual at any time.  
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## 1.5 Safety Notes

Please read the following Safety Notes carefully before working with the product. The notes include important safety information about installation, usage, and maintenance.

### 1.5.1 Personal Safety

- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- Make sure that children, unauthorized people and animals do not obtain access to the machine.

### 1.5.2 Mounting and Rigging

- To prevent risk of fire or shock, do not expose the blaster or base station to rain or moisture.
- CAUTION: When transferring product from extreme temperature environments, (e.g. cold truck to warm humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow product to fully acclimate to the surrounding environment before connecting it to power.
- Do not mount the product on a flammable surface (linoleum, carpet, wood, paper, carton, plastic, etc.).
- Do not use in a confined space. Always install the product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Be sure that no ventilation slots on the product's housing are blocked.

### 1.5.3 Power and Wiring

- Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or rear panel of the product.
- Make sure the power cord is not crimped or damaged.
- Do not connect the machine to the dimming controller or rheostat.
- Never disconnect the product from power by pulling or tugging on the cord itself. Use the plug body.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.

### 1.5.4 Operation

- Do not operate this product if you see damage to the housing or cables. Have the damaged parts replaced by an authorized technician at once.
- Make sure there are no flammable materials close to this product while it is operating.
- Do not cover or plug the output nozzle during operation.
- Do not cover or restrict any thermal vents.
- Never carry the product by the power cord or any moving part. Always use the handles.
- Empty or remove the fluid container before storing the blaster.
- The maximum ambient temperature (Ta) is 104 °F (40 °C). Do not operate the product at higher temperatures.
- Always disconnect the product from the power source before cleaning.
- This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained, certified technicians. Do not open the housing or attempt any repairs which can lead to damage or malfunction.
- In the event of a serious operating problem, stop using the product immediately and contact the manufacturer.

## 2 INTRODUCTION

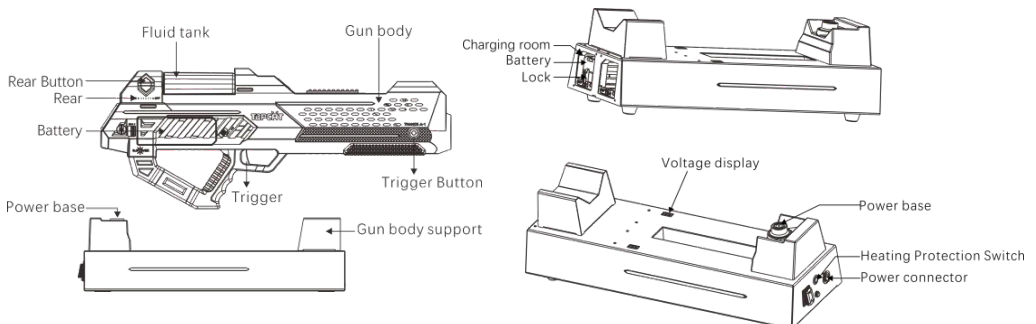
### 2.1 Description

Froggy's Fog Thanos A-1 is the world's first rechargeable high-speed Fog Blaster. It is very easy to use by consuming fog fluid instead of connecting to gas cylinder to create awesome effects. Different from the traditional CO2 devices used in entertainment venues, consuming carbon dioxide, inconvenient and costly to use, the A-1 fog blaster is fully electric provides a full continuous burst for 30 sec. The rechargeable battery inside the blaster makes it portable to use without the limitation of power cable any more. The output strength and speed are enhanced by a high-speed small fan which can also be controlled independently to create strong wind to interact with audiences for fun.

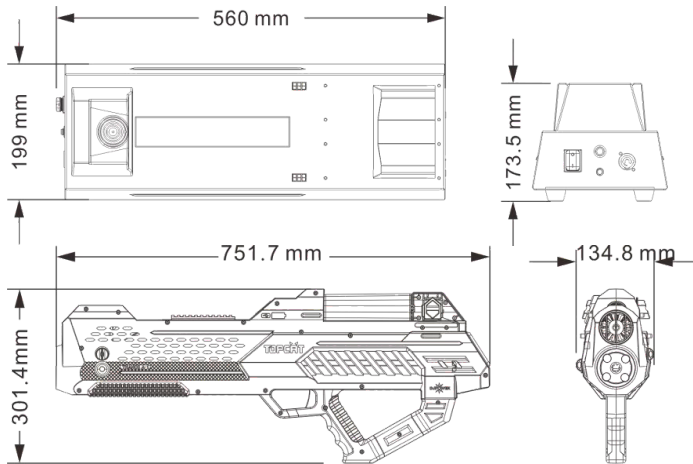
### 2.2 Features

- Designed with high-speed fan to help enhance fog output
- Continuous full burst up to 30s
- Specially designed bullet-shape fluid tank, easy to replace / refill
- Two charging slots in Charging Base for battery charging;
- Quick-change function for the rechargeable battery.

### 2.3 Product Overview



## 2.4 Product Dimensions



## 3 TECHNICAL SPECIFICATIONS

AC Power	Input Voltage & Rate	AC 220-240 V, 50/60 Hz	
	Current Limiter Type	Breaker	
	Current Limiter Specifications	15A, 250V	
	Total Power Consumption	1,200 W	
Heating	Heat Up Time	Appr. 10 min	
Light Source	LED Color	Nozzle LED: RGBW	Blaster Body LED: RGBW
	Power per LED	Nozzle LED: 9 W	Blaster Body LED: 0.5W
	Total LED Power	Nozzle LED: 36 W	Blaster Body LED: 33 W
Capacity	Fluid Tank Capacity	330 ml	
Output	Adjustable Output	x	
	Max Fog Output Volume	Appr. 100 ml/min	
	Maximum Continuous Duration (100% Output)	Appr. 20,000 cfm	
	Max Output Distance	Appr. 8m	
	Fluid Consumption (100% Output)	Appr. 30s	
Placement & Mounting	Horizontal	v	
	Inclined	x	
	Sidelong	x	

	Hang Upside Down	×
	Rigging & Trussing	√
Control	On-device Manual Control	LCD
	Wireless Control	×
	Wired Control	×
	DMX512	×
Consumable	Consumable	Froggy's Fog Bog Fog Machine Fluid
Weight & Dimensions	Net Weight	13.75 kg
	Gross Weight	20.1 kg
	Blaster Body Dimension	751.7 × 301.4 × 134.8 mm
	Charging Base Dimension	560 × 199 × 173.5 mm
	Flightcase Dimension	828 × 618 × 310 mm

## 4 SETUP

### 4.1 AC Power

The machine has a fixed voltage power supply and can work with an input voltage of AC 120 V, 50/60 Hz. To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions.



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



Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

## 5 OPERATION

Before using the product, read and follow the safety recommendations indicated in the Safety Notes.

### 5.1 Fluid Tank Installation

As shown in below Figure 1, hold the left and right Rear Buttons, slide the Rear backward. Tilt the fluid tank and install it into the groove.

As shown in below Figure 2, after installation, push the Rear forward and fix the fluid tank.

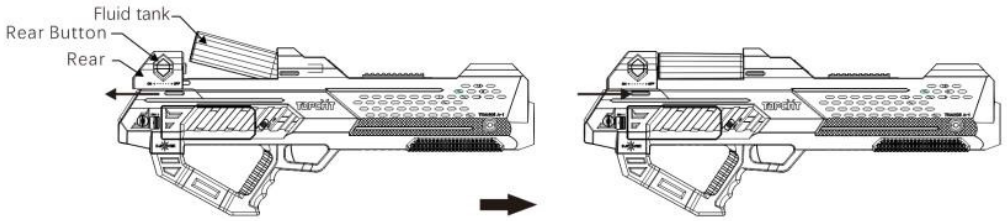
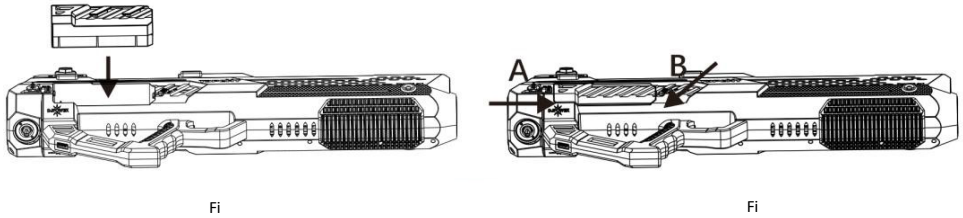


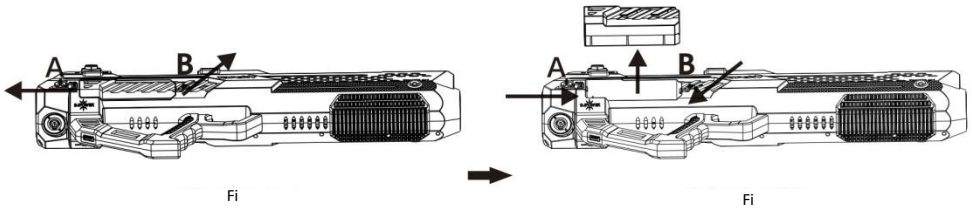
Figure 1      Figure 2

## 5.2 Battery Installation and Removal

As shown in below figures, insert the battery into the cabinet until it is locked firmly by quick Lock# A and B.



As show in the below figure 1, push up Lock B and pull back Lock A together to unlock the battery. After the battery pops up, Lock A and Lock B will reset automatically as shown in the below figure 2.

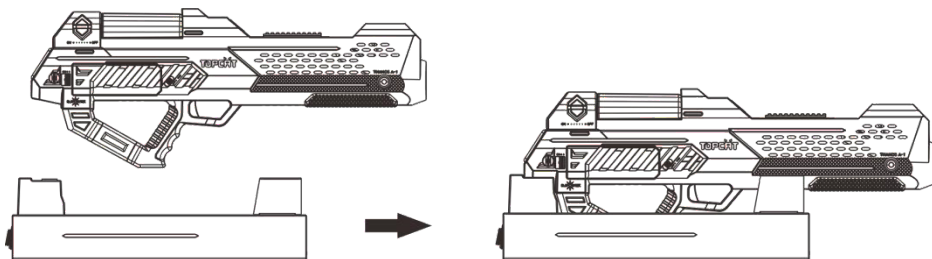


### Precautions:

1. Keep the battery away from flammable materials.
2. Do not charge with a current greater than 5C. Make sure someone is present when charging.
3. Do not store the battery on unused machines for a long time.
4. Do not disassemble or incinerate the battery.
5. For environmental protection, properly dispose of used batteries.

## 5.4 How to Heat the Fog Blaster

Place the A-1 fog blaster on the Power Base, ensure it is correctly engaged. Power on the Charging Base to heat the fog blaster.



During heating, the LCD display shows “Heating up”, the LEDs at the Nozzle Trigger Buttons will blink. When the heating is finished, the LEDs turn blue and LCD display shows the fog duration.

After the fog blaster has sufficiently heated up on the Power Base, 60 secs later it will enter power saving mode with the LED display and blaster body LEDs illumination paused.

The LCD display and LED strips will resume when removing the fog blaster from the base or pressing any buttons on the LCD display or triggering fog.

Note: In the power saving mode, heating up is still in process if the blaster’s temp has not reached the required temperature.



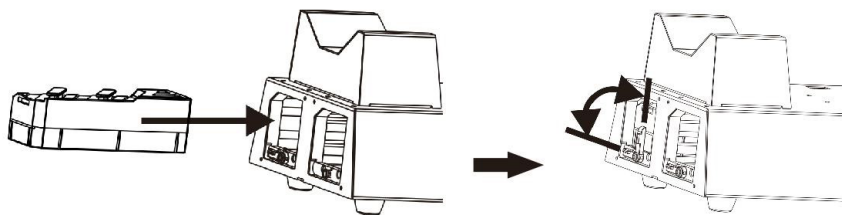
### Introduction to Power Base:

Connect the power cable to a power outlet (AC 120V), power on the Charging Base. The LED strips on the Charging Base will cycle through the color options. After placing the A-1 fog blaster on the power base, the unit begins heating to its optimal temperature. When the blaster body is attached to Power Base for 3 hours, heating protection becomes activated. LED strips on the based shows RED and keeps blinking, meanwhile the Heating Protection Switch shows blue and LED flashes. To release the protection, simply press Heating Protection Switch.

## 5.5 How to Charge Battery

The Charging Base provides two charging slots.

Remove the battery from the Blaster Body and insert it into the charging slot as show in below, then secure the battery by rotating the latch.



Fig

Fig

Switch on the power to the Charging Base to start charging. After fully charged, release the base battery latch to eject the battery. Make sure the Charging Base is powered on during battery charging. The digital display above the charging area shows the battery voltage. “FUL” means the battery is fully charged.



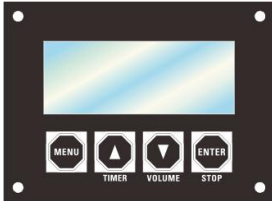
### Note:

1. Please remove the battery from the charging slot in case the Charging Base is powered off. Do not leave the batteries inside the base for a long time.

## 6 Control Mode & Operation

### 6.1 Device Control

To access the control panel functions, use the four buttons located underneath the LCD display.



Button	Function
<MENU>	Switch menu pages to select a function
<▲>	Increases the numeric value of current function
<▼>	Decreases the numeric value of current function
<ENTER>	Save settings

### 6.2 Menu Map

Display		Description	Options
Welcome Page	Thanos A-1 Fog Gun	Start Up Page	
Status Page	Heating Up Battery: 100%	The unit is heating up and the current battery level is displayed	
Status Page	Heating Stopped Battery: 100%	The unit has stopped heating prematurely and the current battery level is displayed The Blaster requires placement on the base station to continue the heating process.	
Standby Page	Fog Output 30S Battery: 100%	Heating is finished. Current Fog output duration (secs.) and battery level is displayed	
Settings	Strong Wind ON	Press ▲ or ▼ to switch the front nozzle booster fan on or off.	ON OFF
	Fog Color OFF	Press ▲ or ▼ to select the color of the LEDs of the nozzle during fog output	OFF SCROLL WHITE PINK PURPLE SKY BLUE ORANGE YELLOW BLUE GREEN RED

<p>Gun Body Color OFF</p>	<p>Press ▲ or ▼ to select the color of the LEDs of the blaster body and fluid tank</p>	<p>OFF SCROLL WHITE PINK PURPLE SKY BLUE ORANGE YELLOW BLUE GREEN RED</p>
<p>Trigger 1</p>	<p>Press ▲ or ▼ to select the trigger option. 1: Trigger press outputs fog 2: Trigger press plus pressing either of illuminated front nozzle buttons is required for fog output. In this mode, the booster fan will engage without fog if enabled when only the trigger is pressed.</p>	<p>1 2</p>
<p>Fluid Sensor ON</p>	<p>Press ▲ or ▼ to switch the low fluid sensor on or off.</p>	<p>ON OFF</p>

## 7 TECHNICAL INFORMATION

### 7.1 Maintenance

1. Please use FROGGY'S FOG Water-Based Fog Fluids to ensure the best performance and effect.
2. Any reference to servicing in this user manual will only apply to properly trained, certified technicians. Do not open the housing or attempt any repairs which can lead to damage or malfunction.
3. Excessive dust, fluid residue, and dirt will degrade performance and cause overheating. Remove dust from air vents with an air compressor, vacuum, or soft brush. The casing may be cleaned with a damp cloth.
4. Do not allow the blaster to become clogged due to residue buildup of fog fluid. Cleaning and preventative maintenance are necessary to keep your machine running issue free. Please follow these instructions for safely cleaning of your Thanos Blaster if output become noticeably decreased. Typical service intervals are every 40 hrs. of machine use. High quality fluid is recommended by the manufacturer to lengthen the amount of time between periods of maintenance as described below.

Tools: Clean lint free cloth, coffee filter or similar fine mesh filter cloth, plastic, or glass container larger than the reservoir size (do not use metal), distilled water and Froggys Fog fluid.

- a) Add DISTILLED water to the fog fluid reservoir and install in the machine.
- b) Run the machine for 6 x 30 sec bursts. Do not allow the bottle to become empty.
- c) Fog will come out the initially, followed by distilled water steam.
- d) Remove the reservoir, empty the distilled water, and replace with fresh fog fluid.
- e) Trigger the fog output for a single 30 sec cycle.
- f) The fog fluid in the internal plumbing of the machine acts as lubricant for the fog pump's plastic and rubber components during storage.
- g) Wipe machine clean with clean lint free cloth.
- h) Remove the fluid reservoir for storage. Store the blaster once the machine is cool to the touch.
- i) Store the machine in a cool, dry place when not in use. Avoid freezing temperatures and high heat above 120 degrees F. Above 120 degrees and humid/damp locations can cause control board electrical issues.
- j) If possible, remove from storage after 6 months and operate the machine for 2-3 cycles, then repeat step G & H.

### 7.2 Storage

#### 7.2.1 Machine Storage

Before storing the machine, wipe machine shell with a soft cloth and empty the fluid tank.

## 7.3 Troubleshooting

Errors	Symptom	Potential Cause	Solution
No Fluid	Refer to "MENU MAP" chapter to for more information	No Fluid in the Tank	Refill the fluid
		Pump Problem	Contact Dealer for Service
Heating Failure	Refer to "MENU MAP" chapter to for more information	Heater Issue	Contact Dealer for Service
E11	Charging Base Display shows E11 and alarms	Battery Test Issue	Remove the battery and reseal it or move to a different charging slot.

## 8 Warranty

Save these instructions. 2 Year Limited Warranty: Valid from the date of purchase. Warranty covers manufacturing defects only and does not cover misuse or abuse of the machine. Serial number, place of purchase with dated valid receipt must be submitted at time of service. Warranty is only valid with-in the United States (Lower 48). Buyer may be responsible for shipping fees associated with repairs.