

# Fobbles F4 - User Manual



## SPECIFICATIONS

Model	Heater Core	CFM	Warm up time
Fobbles F4	1400 Watts	10,000 cfm (Continuous)	6 Min

## IMPORTANT

- DO NOT PUT BUBBLE FLUID IN THE REAR FOG FLUID RESEVOIR BOTTLE. THIS WILL DAMAGE THE HEATER CORE AND VOID THE WARRANTY OF THE MACHINE
- The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the equipment.
- Do not open the equipment and do not modify the equipment.
- Do not expose to flammable sources or gases.
- Always disconnect the power from equipment when not in use or before cleaning! Only handle the power-cable by the plug. Never pull out the plug by pulling the power-cable.
- Make sure that the available voltage is 120VAC.
- Make sure that the power-cable is never crimped or damaged. Check the equipment and the power-cable periodically.
- If the equipment is dropped or damaged, disconnect the mains power supply immediately. Have a qualified engineer inspect the equipment before operating again.
- If the equipment has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
- Only use fuses of same type and rating.
- Repairs, servicing and power connection must only be carried out by a qualified technician.
- THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.

## SETUP

- Open the box to verify product integrity. If the unit's housing or cable is damaged, do not plug it in and do not attempt to use it until after contacting your dealer for assistance.
- Place fog bubble machine on a level flat surface, remove fog liquid reservoir cap toward rear of the machine. Fill fog fluid reservoir with Froggy's Fog Brand Fog Fluid. Lower quality fluid can damage the unit. Recap tank.
- Fill bubble reservoir at the front with a high-quality bubble fluid, such as Froggy's Fog Max Bubbles. Lesser quality bubble fluids cannot withstand the increased pressure of hot fog and will burst prematurely. The bubble solution can become diluted with fog moisture over time and occasionally will need to be drained and refilled fresh during use.

## **OPERATION**

- **Plug the power cord into a grounded electrical outlet and switch the main power on.**
- **Starting Operation**
  - After switching on via the On/Off switch the controllers LCD screen will display “WARMING UP”. When the unit has reached the correct temperature, the LCD display will show “READY” and the unit is now ready for operation
- **Manual Output**
  - For manual output, simply press the “MANUAL” button and hold until the desired amount of output is emitted.
- **Constant Burst Operation**
  - To set unit for constant output, press the “LOCK” button. To stop the output, simply press the “LOCK” button again. During this operation, you can change the volume output by pressing the “UP” and “DOWN” buttons.
- **Timer Mode**
  - Press the timer button to start timer functionality according to the LCD display settings.
- **DMX Control Mode**
  - Operating in a DMX control mode gives the user the greatest flexibility when it comes to customizing or creating a show. When DMX is plugged in, the LCD screen will show the DMX Address Menu and allow adjustment of the address. When the unit is low on fluid, the LCD screen will show the Reset Fluid Sensor Menu and after resetting the fluid sensor back to the DMX Address Menu. When DMX cables are unplugged, the LCD screen will show the home menu.

## **MAINTENANCE**

Cleaning your fog bubble machine regularly will help reduce costly parts replacement and repair charges. Please follow these instructions for safely cleaning after 40 hours of operation or before storing the fog bubble machine, to ensure long lifespan. 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.

1. Allow the machine to cool down before handling.
2. Drain any fog solution that remains in the tank into a container through the filter mesh for reuse.
3. Dispose of any bubble solutions and wipe tray/wands
4. Add distilled water to fill the fog fluid reservoir approximately 1/3.
5. Run machine for 10 minutes. Fog will come out the first few cycles, followed by distilled water vapor.
6. Turn off the machine and allow to cool down, then drain the distilled water from the reservoir.
7. Refill the reservoir approximately 1/3 with good quality fog solution.
8. Turn fog machine on, run for 10-15 minutes. Water vapor steam will come out the first few cycles, followed by fog. Continue steaming the machine for 5-10 cycles.
9. Turn off the machine and allow to cool, then wipe machine clean with clean lint free cloth.
10. Leave the fog solution in the reservoir. The fog solution acts a lubricant and conditioner for the plastic and rubber parts in the fluid pump.
11. Store the fog machine in a cool, dry place when not in use. Avoid freezing temperatures, high heat above 120 degrees and humid/damp locations which may cause control board failure.
12. If possible, remove from storage after 6 months and operate the fog machine for 15 minutes or more, then repeat step 8 – 10.

## LCD DISPLAY SETTINGS

LCD Display Settings	Description
Machine Function	Choose the program modes from 1-4 to display different programs: 1. Fog 2. Haze 3. Bubble 4. Bubble Fogger
Fog Volume	Adjust the fog volume output within the range from 0% to 100%.
Bubble Fan Speed	Adjust the bubble fan speed 0-100% in 10% increments
Booster Fan Speed	Adjust the booster fans speed 0-100% in 10% increments
Bubble Wand Speed	Adjust the wand speed 0-100% in 10% Increments
Timer Interval	Adjust the interval between each fog emission within the range of 0 to 600S.
Timer Duration	Adjust the duration of each fog emission within the range of 0 to 300S.
DMX Address	Choose the DMX address from 001-512.
DMX Mode	Choose 6 or 15 Channel Mode.
LED Program	Choose the LED program within the range of 0 to 20
LED Chase Speed	Choose the LED chase speed from 0-100% in 10% Increments.
LED Strobe Speed	Choose the LED strobe speed from 0-100% in 10% Increments.
LED Sync to Output	Yes=LEDs work together with the fog output NO=LEDs are always on.
Fog Fluid Sensor Reset	Reset the low fluid sensor when it trips and display NO, choose YES to Reset
Fog Fluid Sensor On/ Off	Deactivate the low fluid sensor

# DMX PROFILES

Fobbles F4 – DMX CHANNELS				
6 Channel Mode				
DMX Channel	Function	Address information		
DMX Channel 1	Fog Output	0	9	Off
		10	255	0-100%
DMX Channel 2	Fan Output	0	9	Off
		10	255	0-100%
DMX Channel 3	Blower Output	0	9	Off
		10	255	0-100%
DMX Channel 4	Bubble Size	0	24	Off
		25	49	Small Bubbles - Minimum Output
		50	74	Small Bubbles - Moderate Output
		75	99	Small Bubbles - Maximum Output
		100	124	Medium Bubbles - Minimum Output
		125	149	Medium Bubbles - Moderate Output
		150	174	Medium Bubbles - Maximum Output
		175	199	Large Bubbles - Minimum Output
		200	224	Large Bubbles - Moderate Output
225	255	Large Bubbles - Maximum Output		
DMX Channel 5	LED Static Colors	LED Static Colors		
	0	0	9	OFF
	1	10	19	RED
	2	20	29	GREEN
	3	30	39	BLUE
	4	40	49	WHITE
	5	50	59	AMBER
	6	60	69	UV
	7	70	79	RED + GREEN
	8	80	89	RED + BLUE
	9	90	99	RED + WHITE
	10	100	109	RED + AMBER
	11	110	119	RED + UV
	12	120	129	GREEN + BLUE
	13	130	139	GREEN + WHITE
	14	140	149	GREEN + AMBER
	15	150	159	GREEN + UV
	16	160	169	BLUE + WHITE
	17	170	179	BLUE + AMBER
	18	180	189	BLUE + UV
	19	190	199	WHITE + AMBER
	20	200	209	WHITE + UV
	21	210	219	AMBER + UV
	22	220	229	BLUE + WHITE + UV
	23	230	239	RED + GREEN + BLUE + WHITE + AMBER
24	240	255	RED + GREEN + BLUE + WHITE + AMBER + UV	
DMX Channel 6	LED Color Macro	Color Chase All 24 Static Colors (1,2,3,4,5,6,7,19,12,16,8,13,17,22,9,14,18,21,23,10,15,20,11,24)		
		0	9	OFF
		10	255	10 = Change color every 10 Seconds Linear Increase in Speed 255 = Change color every 0.5 Seconds

<b>15 Channel Mode</b>				
DMX Channel 1	Fog Volume	0	9	No Function 0-100%
		10	255	0-100%
DMX Channel 2	Bubble Wand Speed	0	9	No Function 0-100%
		10	255	0-100%
DMX Channel 3	Bubble Fan Speed	0	9	No Function 0-100%
		10	255	0-100%
DMX Channel 4	Booster Fan	0	9	No Function 0-100%
		10	255	0-100%
DMX Channel 5	Red LED	0	9	No Function 0-100%
		10	255	0-100%
DMX Channel 6	Green LED	0	9	No Function 0-100%
		10	255	0-100%
DMX Channel 7	Blue LED	0	9	No Function 0-100%
		10	255	0-100%
DMX Channel 8	Amber LED	0	9	No Function 0-100%
		10	255	0-100%
DMX Channel 9	White LED	0	9	No Function 0-100%
		10	255	0-100%
DMX Channel 10	Ultraviolet LED	0	9	No Function 0-100%
		10	255	0-100%
DMX Channel 11	LED Color Macro	LED Color Macro		
	0	0	9	OFF
	1	10	19	RED
	2	20	29	GREEN
	3	30	39	BLUE
	4	40	49	WHITE
	5	50	59	AMBER
	6	60	69	UV
	7	70	79	RED + GREEN
	8	80	89	RED + BLUE
	9	90	99	RED + WHITE
	10	100	109	RED + AMBER
	11	110	119	RED + UV
	12	120	129	GREEN + BLUE
	13	130	139	GREEN + WHITE
	14	140	149	GREEN + AMBER
	15	150	159	GREEN + UV
	16	160	169	BLUE + WHITE
	17	170	179	BLUE + AMBER
	18	180	189	BLUE + UV
	19	190	199	WHITE + AMBER
	20	200	209	WHITE + UV
	21	210	219	AMBER + UV
	22	220	229	BLUE + WHITE + UV
	23	230	239	RED + GREEN + BLUE + WHITE + AMBER
24	240	255	RED + GREEN + BLUE + WHITE + AMBER + UV	
DMX Channel 12	LED Color Macro Speed	Color Chase All 24 Static Colors (1,2,3,4,5,6,7,19,12,16,8,13,17,22,9,14,18,21,23,10, 15,20,11,24)		
		0	9	OFF
		10	255	10 = Change color every 10 Seconds Linear Increase in Speed 255 = Change color every 0.5 Seconds

DMX Channel 13	LED Strobe	0	9	NO STROBE 32-255
		10	255	Strobe Effect SLOW to FAST
DMX Channel 14	Master LED Dimmer	0	9	No Function 0-100%
		10	255	0-100%
DMX Channel 15	Operating Macro	Operating Macro		
		0	9	Off
		10	19	25% Fog
		20	29	50% Fog
		30	39	100% Fog
		40	49	10% Haze
		50	59	25% Haze
		60	69	50% Haze
		70	79	100% Haze
		80	89	Min Small Bubbles
		90	99	Med Small Bubbles
		100	109	Max Small Bubbles
		110	119	Min Big Bubbles
		120	129	Med Big Bubbles
		130	139	Max Big Bubbles
		140	149	50% Fog 50% Small Bubbles
		150	159	50% Fog 100% Small Bubbles
		160	169	50% Fog 50% Medium Bubbles
		170	179	50% Fog 100% Medium Bubbles
		180	189	50% Fog 50% Large Bubbles
		190	199	50% Fog 100% Large Bubbles
200	209	100% Fog 50% Small Bubbles		
210	219	100% Fog 100% Small Bubbles		
220	229	100% Fog 50% Medium Bubbles		
230	239	100% Fog 100% Medium Bubbles		
240	249	100% Fog 50% Large Bubbles		
250	255	100% Fog 100% Large Bubbles		

## SAFETY WARNINGS

- Under normal use, bubble solution can build up on surfaces beneath and in front of the machine. Exercise care during use to avoid slipping hazards.
- Keep this device dry. The unit may be used outdoors but must be shielded from inclement weather. Turn off or unplug when not in use.
- 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 fog bubble machine before filling its tank.
- Always keep the fog bubble machine upright and level.
- The machine is not waterproof or splash proof. If outside moisture gets inside the housing, immediately unplug and contact a service technician or your dealer before using it again.
- No user serviceable parts inside. Refer to your dealer or other qualified service personnel.
- For adult use only. Fog machine must be installed out of the reach of children. Never leave the unit running unattended.
- Never point the nozzle directly at people. Fog machine output is very hot (300 degrees C).
- Never cover the unit's vents. Operate machine in a well-ventilated area and allow free air space of at least 6" around unit.

- Only specifically designed water-based scent additives may be added to the fog or bubble fluid. Never add flammable liquids of any kind (oil, gas, non-application specific perfumes). Pay attention to all warning labels and instructions printed on the exterior of your machine.
- Use only the high quality, Froggys Fog, water-based fog fluid in the machine. Always make sure there is enough liquid in the fog liquid tank. Operating this unit without liquid will cause damage to the heater and pump systems.
- Always drain reservoirs before mailing or transporting this unit.
- Never drink fog or bubble liquid. If ingestion occurs, seek medical assistance. For contact with skin or eyes, rinse thoroughly with water.
- Vapor from this fluid may be irritating to some persons with allergic sensitivity. Do not expose at close range to known asthmatic. Use in a well- ventilated area.

## **1 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.
- Buyer may be responsible for shipping fees associated with repairs.