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# BUBBLE-MAX X2 SYSTEM™

## Operating Instructions

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**(MACHINE ONLY)**

**P/N 100196 (120V)**

**P/N 100197 (230V)**

**(SYSTEM)**

**P/N 100210 (120V)**

**P/N 100215 (230V)**

**Thank you for purchasing this Bubble-Max X2 System™!**

- **To ensure proper operation of this unit, please take some time to read the manual carefully.**
- **We believe you will enjoy years of great service if you properly care for your new Bubble-Max X2 System™.**

**CITC**

**1420 80th St. SW #D**

**Everett, WA 98203**

**(888) 786-CITC**

**[www.citcfx.com](http://www.citcfx.com)**





# Contents

<b>1. Equipment Supplied</b>	<b>3</b>
<b>2. Accessories</b>	<b>3</b>
<b>3. Safety Instructions</b>	<b>4</b>
<b>4. Operating the Bubble-Max X2 System™</b>	<b>4</b>
4.1 Selecting The Location	4
4.2 Electrical Power Requirements	4
4.3 Hooking Things Up	5
4.4 Operation	5
4.6 Troubleshooting	5
<b>5. Technical Data</b>	<b>6</b>
<b>6. Limited Warranty Conditions</b>	<b>7-8</b>

# 1. Equipment Supplied

- Bubble-Max X2™ Machine 120V *P/N 100196*
- Instruction Booklet & Warranty Card
- FOR Bubble Max System:**
- Anti-skid material & rubber strap.
- Stand (On 230Vac System, transformer installed on underside of stand.)
- Plastic Mounting Plate
- 3-speed 120VAC Director Jr. Fan *P/N 100131*
- FOR 230Vac System:**
- Step Up / Step Down Transformer, 200W, 230Vac *P/N 250045*
- Fuse for Transformer
- 3 Outlet Adapter
- Universal Plug Adapter
- FOR Bubble Max Hanging System:**
- Anti-skid material.
- C-clamp, safety cable, bracket, bolts and nylock nuts.
- Bolt with spacer nut installed on Bubble Max handle.
- Stand (On 230Vac Hanging System, transformer installed on underside of stand.)
- 3-speed 120VAC Director Jr. Fan *P/N 100131* w/ rubber strap attached.
- 3 Large zip ties. (Used to mount fan to stand.)

## 2. Accessories

- Hanging Bracket w/ Safety Cable
- C-Clamp
- DMX FX-15™ Switch Pack
- Spare Fuses

Please check whether all the products you ordered are supplied.

## 3. Safety Instructions

**WARNING: Read and understand all labels and operating instructions before attempting installation.**

- No user serviceable parts. Taking apart the Bubble Max System™ will void your warranty. Never open the machine without disconnecting power first!
- **RISK OF ELECTRICAL SHOCK-** This device is supplied with a grounding conductor. To reduce risk of electrical shock, connect only to properly grounded, grounding type receptacles. Never remove the third prong from the plug.
- If you have any doubts about the capacity or grounding of your existing circuits, consult a qualified electrician.
- Do not operate or store in wet locations. Be sure area around the unit is dry before applying electrical power.
- When operating on 230V, you must plug both the Bubble Max™ machine and Director Jr. Fan into the supplied step up / step down transformer.
- Be aware that the bubble fluid is very slippery. If the machine is mounted near the floor, bubbles breaking there will make a smooth floor slick.

## 4. Operating the Bubble-Max X2 System™

### 4.1 Selecting The Location

Secure a level, dry location for the stand to rest solidly on the floor or hang suspended. If suspending the Bubble-Max X2™, you must use a safety cable. Make sure that your Bubble-Max X2™ is pointed in a direction that leaves an open area out in front so that the bubbles can fly without restriction. Ensure the front of the machine is not directed towards anything that could cause a hazardous or unsafe environment.

### 4.2 Electrical Power Requirements

The Bubble-Max X2™ requires a grounded 120V circuit for operation. For 230V operation, you must have use a step up / step down voltage transformer to convert the voltage to 120V, and both the Bubble-Max X2™ machine and the 3-Speed Director Jr.™ Fan must be plugged into the voltage transformer. The Bubble-Max X2™ uses a 5 amp fuse, which can be replaced. If you have any doubts about the capacity or grounding of your existing circuits, consult a qualified electrician.

### 4.3 Hooking Things Up

- ***If this is a hanging system, it should arrive pre-assembled.*** If not, slide hanging bracket over Bubble-Max X2™ and attach to through-bolt. Attach bolt, nut and washers onto both sides of hanging bracket and tighten. Attach c-clamp with washer and split washer. Wrap rubber strap around 3-Speed Director Jr.™ Fan. Use included zip-tie to attach rubber strap securely around the center support of the fan. Center the Director Jr.™ Fan onto the front edge of the stand. Use another zip-tie to tighten the front of the Director Jr.™ Fan to the front edge of the stand. Using two more zip-ties, attach each end of the rubber strap to the sides of the stand. Make certain the zip-ties are tight.
  - ***If this is a non-hanging system,*** use the included black rubber strap to strap the Bubble-Max X2™ machine onto the stand. Place the 3-Speed Director Jr.™ Fan underneath the stand. Adjust the fan to create the desired effect.
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### 4.4 Operation

- Fill the fluid reservoir in front of the unit until the wand is covered. Be aware the machine has a second reservoir inside that is filling to the same level.
- Turn on the Bubble-Max X2 Auto-Fill™ machine using the large illuminated power switch.
- To operate both wands, the smaller black switch should be in the “I” position. To operate using a single wand, the switch must be placed in the “0” position.

### 4.5 Troubleshooting

<b>Problem:</b>	<b>Solution:</b>
Wand wheel and fan not operating.	- Check power. - Check fuse.
Decreased bubble output.	- Clean the machine.
Wand wheel is chattering.	- Check that nothing is hindering the movement of the wand wheel.

## 5. Technical Data

<b>Bubble-Max X2 System™</b> P/N 100210 (120V) • P/N 100215 (230V)	
Dimensions (Machine, Fan and Stand)	20" x 16.75" x 27" (51cm x 43cm x 69cm)
Dimensions (Machine Only)	16.75" x 13.5" x 13" (43cm x 34.5cm x 33cm)
Weight (Machine, Fan and Stand)	29 lbs. (13.2kg)
Wand Wheel	20 Wands (10 Left, 10 Right)
Bubbles Per Minute	1200-1400
Bubble Size	1.25" – 3" (3cm – 8cm)
Fluid Capacity	42 oz.
Consumption	12 oz. / 6 min. (both wand wheels) = 1 gallon / hour 12 oz. / 12min. (single wand wheel) = 1 gallon / 2 hours
Wind Speed (Director Jr. Fan™)	4, 6, or 8 MPH
Distance (Director Jr. Fan™)	15' – 40' (4.5m – 12m)
CFM (Director Jr. Fan™)	132/194/258
RPM (Director Jr. Fan™)	1100/1600/2100
Electrical Supply	Bubble-Max X2™ 120 VAC, 1A, 50/60 Hz Director Jr. Fan™ 120 VAC, 1.2A 50/60 Hz
Fuse	Bubble-Max X2™ 1A – 125 VAC
Limited Warranty	One Year
Rev. 01/05/2017	



## 6. One Year Limited Warranty

Model: \_\_\_\_\_ Purchased on (date): \_\_\_\_\_

Serial number: \_\_\_\_\_ Purchased from: \_\_\_\_\_

### **Congratulations!**

You can now look forward to many years of reliable operation and outstanding performance. Thank you for making CITC your personal choice in special effects equipment. Please take a moment to **fill out the top of this warranty**, and then keep it – with the receipt – in a safe place.

If you would like to receive information about specials, sales, and new products, please log on to [www.citcfx.com](http://www.citcfx.com) and click on the “Contact Us” link.

We appreciate your business, and wish to provide you with a quality product that will serve you for many years to come. Once again, thank you for choosing CITC, and enjoy your new entertainment product!

### **LIMITED WARRANTY CONDITIONS**

This limited warranty guarantees to the original purchaser that this product shall be free of defects in material and workmanship, under normal use, for a period of one year from the date of purchase shown on the sales receipt. This warranty covers parts and labor providing the product is returned to CITC in the original shipping carton and packaging. The warranty for electrical is a (90) NINETY DAY limited warranty.

Damage resulting from shipping, accidents, misuse, negligence, unauthorized repairs or modification is not covered by this warranty. Using any fluid other than what is recommended for this machine will void warranty. No liability is accepted for injury or for loss, damage or expense resulting from any interruption whatsoever in the operation of the product or from any consequential loss arising there from. No liability is accepted for normal wear and tear.

We wish to satisfy YOU, our customer, and have implemented many measures to prevent problems and assure customer satisfaction. However, should you need a missing part or have a functional problem with your product, please call:

(888) 786-CITC, from 7:30 am – 4:00 pm (Pacific Time), Monday – Friday, except for holidays. Our customer service department will respond to your problems immediately.

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Subject to the following conditions, CITC will repair any defect or fault in the unit if it is caused by a proven factory defect within one year of delivery to the end user.

Insignificant deviations of the regular product quality does not guarantee replacement rights, nor do faults or defects caused by water, by generally abnormal environment conditions or Force Majeure:

1. Faulty parts or equipment will be repaired or replaced (manufacturer’s choice) with correct parts. Faulty units must be shipped to CITC at customer’s expense. Call for an RMA# - AN RMA# MUST COME WITH THE UNIT. Payment arrangements for repair must be made before receiving your RMA#, in case the unit is not covered under this limited warranty.
2. Repairs/replacements will only be made with the approval of the customer.

3. Exposure to outside elements voids Warranty. Unit cannot be used outdoors or in wet weather without complete protection against the elements. Even then, high salty or humid conditions will cause instant corrosion of connectors and will void Warranty.
4. The customer loses all rights for limited warranty services if any repairs or adjustments are done to the units by unauthorized persons, and/or if spare parts are used, which are not approved by CITC. The right of limited warranty service is also lost if a fluid other than appropriate CITC fluid has been used or if units are sent in without first emptying the equipment of fluid.
5. Freight costs to and from CITC, when under the limited warranty services, are the responsibility of the customer. Customer must place appropriate insurance on return of product. However, if product is returned due to factory defect within the first year, CITC will cover the cost of returning the repaired unit to the customer.
6. Limited warranty services do not cause an extension of the limited warranty period or the start of a new limited warranty period. The warranty of replaced parts ends with the limited warranty period of the whole unit.
7. Further claims, especially for damages, losses etc. outside the unit are excluded.

**Send unit to:**

**CITC  
RMA # XXXXXXX  
1420 80<sup>th</sup> St. SW #D  
Everett, WA 98203**



1420 80<sup>th</sup> St. SW, Everett, WA 98203  
425-776-4950 ✧ FAX: 425-776-5129  
www.citcfx.com ✧ info@citcfx.com



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