



B-200
High Output Bubble Machine
User Manual
- English
- 中文



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B-200

User Manual

1. Introduction

Please read all the user manual before operating the machine, and place the manual where the user can refer to it at all time. The manual includes how to install and operate the machine under safe condition and explain all the labels printed on the machine. If you encounter any problem, contact your local Antari dealer for assistant immediately.

2. Safety Information

 DANGER	If the danger is not avoided, it will cause death or serious injury
 WARNING	If the warning is not heeded, it can cause death or serious injury.
 CAUTION	If the precaution is not taken, it may cause minor or moderate injury.



DANGER

- Must connect the machine to the correct rated voltage or it might lead to an electrical shock or a burn and may cause serious consequences.
- Must connect the machine to a protected circuit and ensure it is properly grounded to avoid the risk of electrocution. For grounding instruction, please refer to Appendix I on page 17.
- Do not operate the machine with a bundled power cord, it could lead to a fire hazard.
- When operating the machine, do not point at people, animals, or fire.



WARNING

- Please operate the machine on a flat, level hard and well ventilated surface area, reserve at least 50cm space around the machine and make sure there is no flammable gas or material nearby.
- Do not disassemble, repair or modify the machine, it may cause damages, malfunction, risk of electrical shock or result in fire.
- The machine can only be operated by adults or professionals, is not intended for use by person with reduced physical sensory, mental capabilities, or lack of experience and knowledge including children.
- Do not leave the machine running unattended, make sure all powers are off when leaving.
- Children should be supervised to ensure that they do not play with the machine.
- Do not use the machine upside down or tilt it, it might cause damages or malfunction.
- Please store the fluid inside in a well ventilated area without direct sunlight and keep out of reach of children. In case of eye contact or accidentally swallow the fluid, please seek medical attention immediately.
- Do not leave unused fluid in the machine for an extended period.
- Do not stop the bubble wheel by force, it will damage the motor.
- Surface will be slippery after use a period of time.



CAUTION

- Keep the machine dry at all time. The machine is not waterproof, do not expose the machine to water, rain, or moisture environment.
- Please make sure the power outlet is not damaged or loose before plug in the power cord.
- If the power cord is damaged, it must be replaced by Antari or its local dealers, otherwise the warranty will be

- void.
- Before operating the machine, please sure the bubble fluid is filled in the fluid box to avoid the pump in idling state which could lead to overheat and malfunction.
- Before transporting or moving the machine, please make sure the fluid is drained and fluid box is empty. (Recommend using original package)
- The machine is for indoor use only.
- Do not operate the machine in any area with unstable voltage.
- If you experience strange sound or malfunction, turn off the power and unplug the power cord immediately and contact your local Antari dealer for assistant.
- Do not contact any moving part.
- Only use accessories recommended or sold by Antari.
- Please make sure the power is off when not using the machine and unplug the power cord if not intend to use for a long period of time.
- To disconnect, turn all controls to the off position, then remove plug from outlet.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Unplug from outlet before servicing or cleaning.
- When finished, disconnect power and remove all bubble fluid from the machine.
- Do not overfill your bubble machine, overfilling will cause the leakage.
- Do not operate the machine with a damaged cord or plug, or after the machine malfunctions or is dropped or damaged in any manner. Return machine to the nearest authorized service facility for examination, repair, or electrical or mechanical adjustment.

Before operating the machine, please read all warning labels on the machine, description as below:

Top Cover Printing

WARNING!

DISCONNECT POWER BEFORE CHANGING FUSE

NO USER SERVICEABLE PARTS INSIDE

USE ONLY WITH ADULT SUPERVISION

FOR INDOOR USE ONLY. KEEP DRY

3. Package Contents & Inspection

Immediately upon receiving the machine, carefully unpack the carton, check the content to ensure it is the correct model and all parts are included. If any part appears to be damaged or missing during transportation, please contact your local dealer and return with original package for inspection.

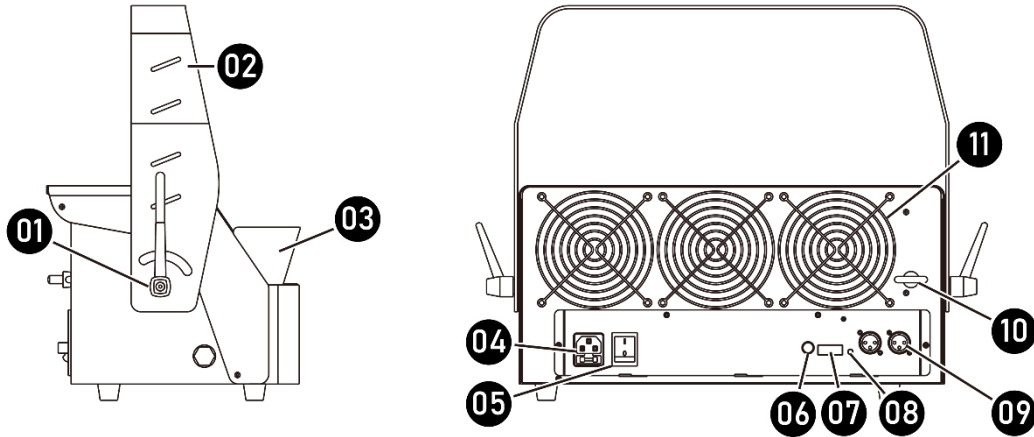
3.1 Package Contents

- 1 x B-200 High Output Bubble Machine
- 1 x IEC Power Cable
- 1 x Hanging Bracket
- 1 x User Manual or Scan QR Code on the Machine

3.2 Optional Accessories

Item Code	Description
BCT-1	Cable Timer Remote
BCR-1	Wireless Remote

4. Machine Details




01. Adjusting Knob	07. Dip Switch
02. Hanging Bracket	08. DMX Indicator Light
03. Bubble Outlet	09. XLR 5-Pin DMX Connector
04. IEC Connector with Fuse	10. Ring
05. Power Switch	11. Fan
06. Cable Remote Input	

5. Technical Label Information

Please read the technical label information on the back of the machine before operating it.


1. Model Name	5. Breaker/Fuse
2. Input Voltage	6. QR CODE for User Manual
3. Frequency	7. Serial No.
4. Rated Power	

6. Bubble Fluid

 CAUTION!	<p>Always turn off the power before filling the fluid box. Do not add flammable liquid to the fluid box. If fluid gets inside the machine, please contact your local Antari dealer for assistant.</p>
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- Only the bubble fluid manufactured by Antari can be used, do not mix or dilute the bubble fluid. Due to improper storage or using other fluid might cause malfunction.
- The machine is tested and calibrated with the specific bubble fluid to get the best performance.
- The warranty on your bubble machine will be void if you use bubble fluid not manufactured by Antari.

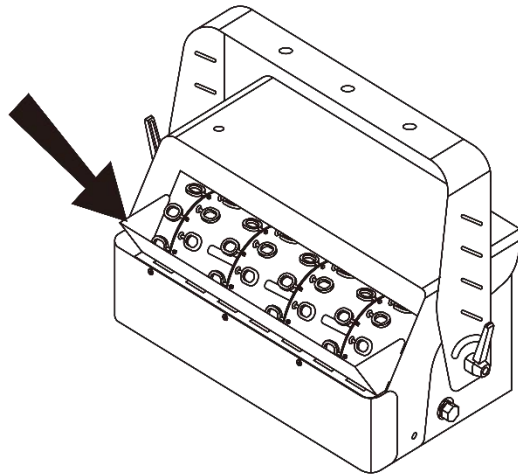
7. Setting and Manual Operation

 WARNING	<p>Machine falling off might cause serious injury, please make sure it is secure and firm on the overhead.</p>
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- Step 1.** Place the machine on a flat, level hard and well ventilated surface area and reserve at least 50cm open space around the machine, and make sure there is no flammable gas or material nearby;
- Step 2.** Fill the machine with Antari approved bubble fluid;
- Step 3.** Plug the machine to the power outlet. Please read the technical label on the back of the machine and make sure the power outlet has the correct rated voltage for the machine;
- Step 4.** Turn on the power, the internal bubble wheel and fan will active and start to produce bubble. Turn off the power to stop.
- Step 5.** To turn off the power, please make sure the machine is not operating. If you will not use the machine a long period of time, please unplug the power cord.

8. Filling Bubble Fluid

Ensure your bubble machine is unplugged from the main electrical supply before filling bubble fluid.



Please pour the bubble fluid as shown above.

- ***Always check bubble fluid level.
- ***Please make sure that the bubble wands are completely covered with bubble fluid.
- ***Do not overfill the bubble fluid – stop 5cm below the top edge to avoid overflow and internal damage.
- ***Only use Antari Bubble Fluid – the machine cannot run on water only or other uncertified fluid.

9. Control Settings

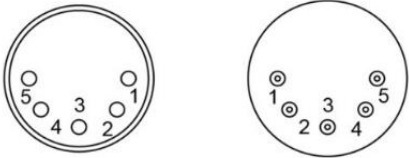
B-200 High Output Bubble Machine can be operated in the following modes. The machine can only accept 1 type of signal at a time. When using different control modes at the same time, the machine will work according to built-in control priority:

- Manual
- Timer
- DMX512
- Wireless

10. DMX Connection

10.1 DMX Connector Pin Assignment

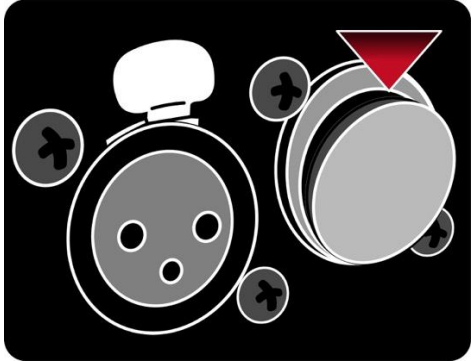
The machine has a XLR 5-Pin for DMX connection. The diagram below indicates pin assignment information.



5 Pin XLR

Pin	Function
1	Ground
2	Data-
3	Data+
4	N/A
5	N/A

** There is a protection cap on DMX IN, please remove it with your finger before operation.



10.2 DMX Setting

DMX Value	Function
0~128	Off
129~255	On

10.3 Addressing

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:

Device Number & Channels	Staring 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		▽		▽	▽	▽	▽	▽	▽

11. BCT-1 Timer Cable Remote (Optional)



BCT-1 Timer Cable Remote is an optional accessory for B-200 High Output Bubble Machine, please see instruction below;

Button/Knob	Function
DURATION [KNOB]	Adjust Duration
INTERVAL [KNOB]	Adjust Interval
POWER [RED BUTTON]	Power On / Off
BUBBLE [GREEN BUTTON]	Start Bubbling
TIMER [YELLOW BUTTON]	Active Timer Mode

Note:

- ** You must turn on the power of the remote in order to use it.
- ** If the TIMER function is off, you can still press the Green button to start bubbling.
- ** The “DURATION” and “INTERVAL” knob are using analog signal, therefore can’t define a specific time range.
- ** If you encounter any problem, please contact your local Antari dealer for assistant.


12. BCR-1 Wireless Remote (Optional)



BCR-1 Wireless Remote is an optional accessory for B-200 High Output Bubble Machine, it included a wireless remote control and a receiver. It’s ready to use, no pairing necessary, please see instruction below;

1. Plug the receiver to the connector on the back of the machine;
 2. Press BLUE button to start bubbling and press RED button to stop bubbling.
- ** Signal range is approximately 50m in open area, it may vary depending on actual situation on site.
 - ** If you encounter any problem, please contact your local Antari dealer for assistant.

13. Service and Maintenance

	DANGER	Disconnect the power cord before starting maintenance operation!
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- Always keep the machine clean.

- Can use an air compressor, a vacuum or a soft brush to remove the dust on the machine.
- Can use a slightly damp cloth to clean the casing.
- Before store the machine or after use the machine, please make sure the fluid is empty and dry.
- It is recommended to run the machine at least once a month in order to maintain its best performance and output condition.
- Excessive dust and build up liquid residue will reduce the performance and cause overheat.

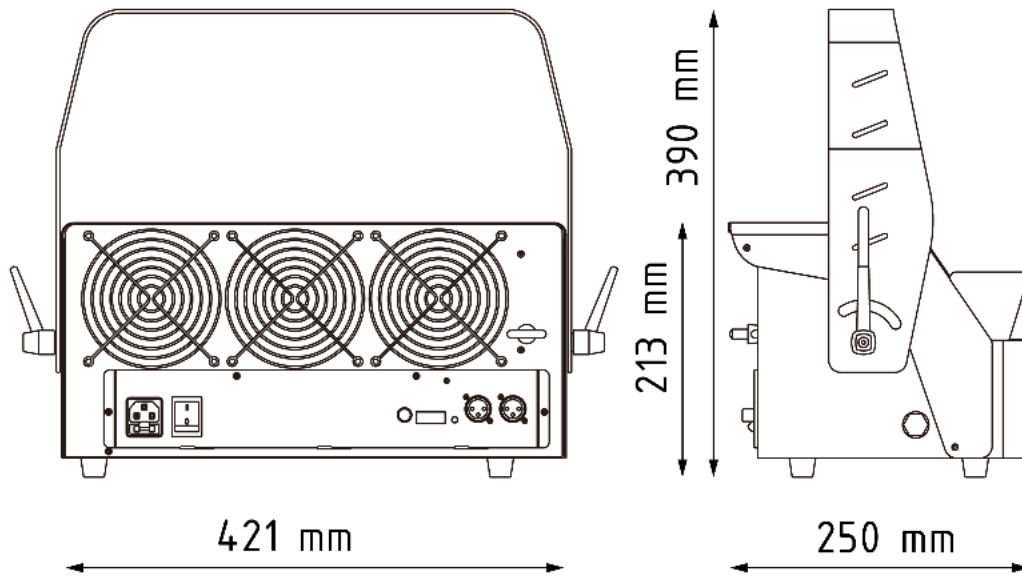
14. Technical Specifications

B-200	
Input Voltage	US Model : AC 100-120V, 50/60Hz 1.0A EU Model : AC 220-240V, 50/60Hz 0.5A
Rated Power	120W
Fluid Consumption	50 ml/min (100% output)
Operating Time	40 mins (100% output)
Fluid Box Capacity	2.0 Liters (0.53 gallon)
Compatible Fluid	Antari BL Bubble Fluid
Ambient Temp. Range	5°C – 40°C (41°F – 104°F)
Control Methods	Manual 、DMX512 、Timer (Optional) 、Wireless Remote (Optional)
Interface	XLR 5-Pin (DMX) 、IEC (Power)
DMX Channel	1 Channel
Included Accessories	Hanging Bracket
Optional Accessories	BCT-1 Timer Cable Remote 、BCR-1 Wireless Remote
Dimension	L 421 W 250 H 213 mm (L 16.57 W 9.84 H 8.39 inch)
Weight	11.0 kg (24.25 lbs.)

15. Warranty Disclaimer

We guarantee the merchandise manufactured by us to be free from defect in material and workmanship for a period of one year. Our obligation and liability under this warranty shall be restricted to repair or replacement at our factory or local authorized dealer. We assume no liability of the products that are improperly used or used for any purpose other than that for which they are specially designed. This warranty shall not apply to any merchandise which has been repaired, altered or assembled outside our factory in any way so as in our judgment to affect its performance, nor which has been subjected to misuse, negligence, or accident nor to any merchandise operated contrary to our printed instructions. We will not allow or be liable of any loss or any damages of any kind in connection with the use, sale, or repair of any merchandise purchased from us.

16. Machine Dimension






B-200

中文使用說明書

1. 前言

在操作本機器之前，請務必仔細詳閱本說明書然後請將本說明書放置在機器使用者可隨時查閱之處存放。此說明書包含如何安全的安裝及操作本機器以及說明所有在機器上的標示。如果您有任何操作上的問題，請立即聯繫當地的 Antari 經銷商尋求協助。

2. 安全注意事項

 危險	若不確實避免這些指示，可能導致嚴重人身傷害甚至死亡。
 警告	若不確實遵循這些指示，可能導致嚴重人身傷害甚至死亡。
 注意	若不確實注意這些指示，可能導致人身傷害甚至死亡，嚴重程度視情況而定。



危險

- 請務必使用正確電壓。如果使用錯誤電壓，可能會遭受危險的電擊燒傷或更嚴重的後果。
- 請務必將機器連結到有保護的電路，並確保有正確地接地，以避免觸電的危險。關於接地方式請參考第 17 頁附錄 I。
- 請勿在捆綁電源線的情況下使用，可能會發熱導致火災。
- 操作機器時請勿將機器對著人體、動物或火焰使用。



警告

- 請於堅固、平坦、穩定且通風良好的表面上使用機器。請勿遮蓋機器散熱部份，機器周邊至少應保留 50 公分的空間並確認附近沒有易燃性物質或可揮發性氣體。
- 請勿隨意拆卸、修理或改造機器，這可能會導致機器故障、損壞、觸電危險或造成火災。
- 本機器僅限有行為能力之成人或專業人員操作，不預期提供生理、感知、心智能力、經驗或知識不足者之使用者(包含孩童)使用本機器。
- 請勿在無人看管時讓機器運作，並於外出離去時確實關閉電源。
- 孩童應受監督，以確保孩童不能操作或嬉戲玩本機器。
- 請勿將機器倒放或傾斜使用，可能導致機器動作不正常或損壞。
- 請將液體存放在室內孩童無法取得之處，保持通風及避免陽光直射。如果有觸碰眼睛或誤食機器，請立即尋求醫生的協助。
- 請勿將未用完的泡泡水長時間留在機器中。
- 請勿使用外力停止泡泡輪，可能會損壞馬達。
- 長時間使用會造成表面濕滑。



注意

- 本機器無防水設計，請隨時保持機器乾燥、嚴禁將其潑水、浸水、淋雨或放在潮溼的環境。
- 在插入電源插座前，請確認電源插座無損壞或鬆動。
- 若電源線損壞，必須使用原廠電源線或組件進行更換，否則將導致保固無效。

- 請在使用機器之前，先填裝好泡泡水，避免機器幫浦空轉過熱造成損害。
- 在運輸或搬運本機器前，請確認機器的液體盒已清空並且包裝完整。(建議使用原廠包裝)
- 本產品僅限室內使用。
- 請勿在電壓不穩定的地區使用本機器。
- 如果機器出現異常聲音或有任何不正常現象時，請立即停止工作，將電源關閉及拔下機器電源線，並請聯繫當地的 Antari 經銷商尋求協助。
- 請勿觸碰機器內部運轉零件。
- 只能使用原廠建議或販售之配件。
- 請確認機器不在使用的狀態下電源已關。如果長時間不使用機器，請拔掉電源線。
- 關閉機器時，將所以控制開關轉到關閉的位置，然後再將插頭從插座拔除。
- 拔除電源線時，請抓住插頭不是電線。
- 在保養及清潔前，請把電源線從插座拔除。
- 使用完畢後，請拔除插頭然後將泡泡水從機器中清除。
- 請勿裝過多的泡泡水避免滲漏。
- 在電線或插座有損毀、機器故障或有掉落或損壞的情形發生時，請勿操作機器。請將機器送回最近的維修站，做檢查、維修及電源或機械的調整。

在使用本機之前，請詳細閱讀機器上的警語標示，說明如下：

上蓋印刷

WARNING! 警告!

DISCONNECT POWER BEFORE CHANGING FUSE. 更換保險絲前請務必斷開電源

NO USER SERVICEABLE PARTS INSIDE. 內部無使用者可維修之零配件

USE ONLY WITH ADULT SUPERVISION. 僅在成人監督下使用

FOR INDOOR USE ONLY. KEEP DRY. 僅限室內使用 請保持乾燥

3. 包裝內容與檢查

在收到機器後，請立即小心地打開包裝紙箱，檢查所有內容，確認您所購買的機型及配件。如果有任何部件因運輸過程出現損壞或缺少，請立即連絡經銷商，並以原包裝退回檢查。

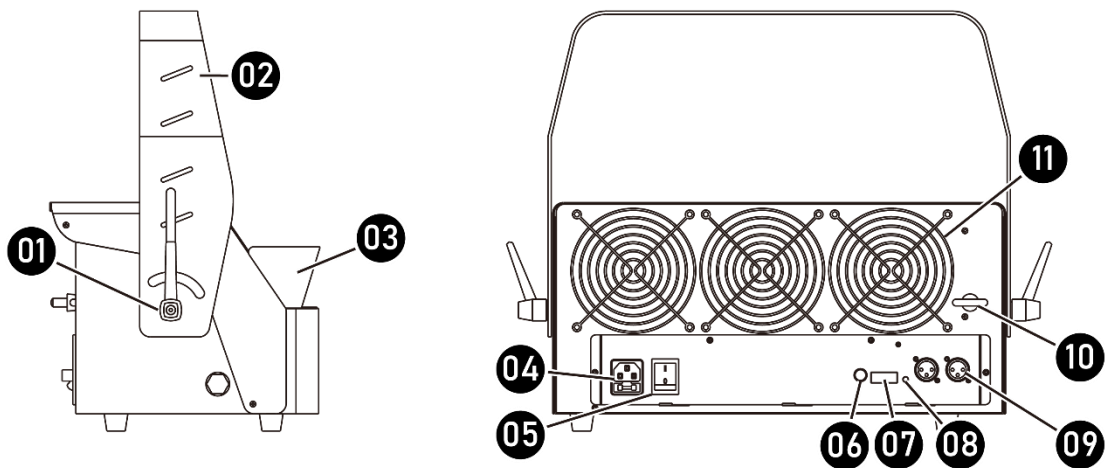
3.1 包裝內容

- 1 x B-200 高輸出泡泡機
- 1 x IEC 電源線
- 1 x 吊架
- 1 x 說明書或掃描機身 QR CODE

3.2 選配說明

品項	描述
BCT-1	有線定時控制器
BCR-1	無線控制器

4. 機器訊息



01. 調整旋鈕	07. 指撥開關
02. 吊架	08. DMX 指示燈
03. 泡泡出口	09. XLR 5-Pin DMX 連接頭
04. IEC 電源連接頭含保險絲	10. 吊環
05. 電源開關	11. 風扇
06. 有線控制器連接頭	

5. 技術標籤資訊

使用本機器前，請詳閱位於機器後方的技術標籤訊息。

1. 機器型號	5. 斷路器/保險絲
2. 工作電壓	6. 說明書 QR CODE
3. 頻率	7. 機器流水序號
4. 瓦特數	

6. 泡泡水

	危險	將液體加入機器之前，請務必先拔除電源線。請勿添加易燃液體。如果發現液體流入機器內部，請洽 Antari 原廠或其經銷商尋求協助。
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- 僅能使用 Antari 原廠製造之泡泡水，不可混用或稀釋。若因保存不當而變質或使用非原廠泡泡水，將可能造成機器故障。
- 本機器是使用專屬的泡泡水做測試與校正來取得最佳的效能。
- 如需更換另一種液體，請在使用前，先將液體盒中的液體清空，以避免混合。
- 如果使用非原廠製造之泡泡水而導致泡泡機損壞將不在保固範圍內。

7. 設定與手動操作說明



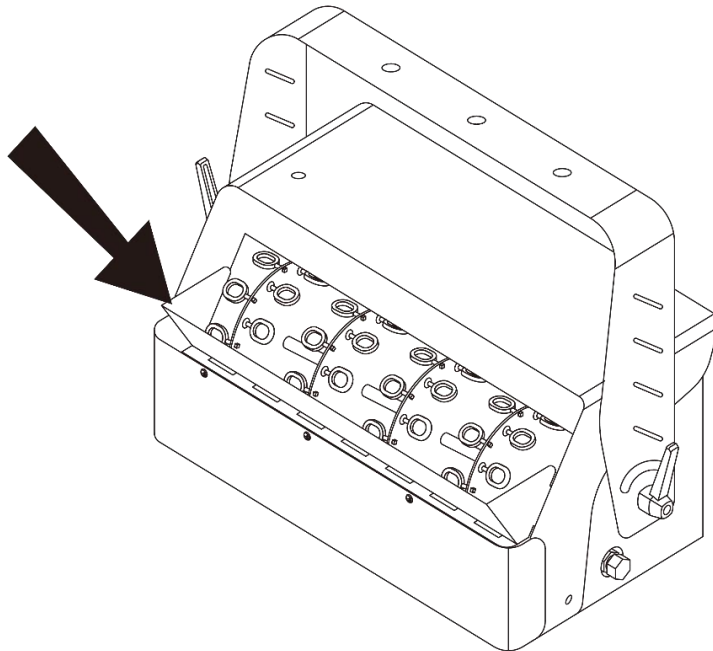
警告

機台掉落可能會造成嚴重傷害，請確保本機台安裝牢固且不會掉落。

- 步驟1. 將機器平放在堅固、平坦、穩定且通風良好的表面上，機器周圍至少應保留 50 公分的空間並確認附近沒有易燃性物質或可揮發性氣體；
- 步驟2. 將 ANTARI 原廠泡泡水倒入機器中；
- 步驟3. 將機器連接電源插座，連接之前，確認機器背後技術標籤上所標示要求功率，是否與電源插座相符；
- 步驟4. 啟動機器電源後，泡泡輪與風扇將會啟動並製造泡泡欲停止請將電源關閉即可；
- 步驟5. 需關閉機器時，請確認機器已停止運轉，再將電源關閉即可，長時間不使用時請拔除電源線。

8. 填充泡泡水

請在填充泡泡水前，先確認您電源插座已經拔除。



請將泡泡水從箭頭所指方向倒入，如上圖。

***請隨時注意泡泡水的剩餘量

***請確保泡泡棒完全被泡泡水覆蓋

***不要過度填充泡泡水，在頂部下面 5 公分停止避免溢出及內部損壞

***只能使用 Antari BL 泡泡水，機器不能只用水或其他未經認證的液體運行控制設定

9. 控制設定

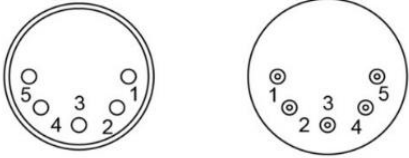
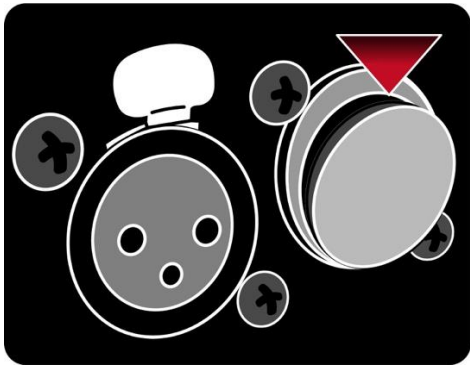
B-200 高輸出泡泡機可以使用下列操作模式，機器每次接受一種訊號。當同時間使用多種訊號時機器將根據原廠內建訊號的優先順序來進行工作；

- 手動控制
- 定時控制
- DMX512
- 無線控制

10. DMX 說明

10.1 DMX 說明

本機可提供一個 XLR 5-PIN 的 DMX 連接頭選擇。下為 PIN 的接點說明：

 <p>5 Pin XLR</p> <table border="1"> <thead> <tr> <th>Pin</th> <th>功能</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>接地</td> </tr> <tr> <td>2</td> <td>數據-</td> </tr> <tr> <td>3</td> <td>數據+</td> </tr> <tr> <td>4</td> <td>N/A</td> </tr> <tr> <td>5</td> <td>N/A</td> </tr> </tbody> </table>	Pin	功能	1	接地	2	數據-	3	數據+	4	N/A	5	N/A	<p>DMX IN 連接頭上的蓋子是一個保護蓋，操作前，請用手指撥開即可輕鬆地將其取下。</p> 
Pin	功能												
1	接地												
2	數據-												
3	數據+												
4	N/A												
5	N/A												

10.2 DMX 通道功能設定

DMX 數值範圍	功能
0~128	關閉
129~255	開啟

10.3 DMX 地址說明

每台機器會佔據一個通道。他們都需要一個地址來確保控制訊號是正確指向每台機器。請按照下圖，使用前，必須針對每一台機器透過指撥開關來調整。起始地址是定義為機器響應控制器的第一個通道。請確保你沒有任何重複的通道才能夠正確及獨立的透過 DMX 數據鏈結來操控每台機器。如果二、三或多台機器有類似的地址他們將運作相似。

指撥開關控制說明：

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		▽		▽	▽	▽	▽	▽	▽

11. BCT-1 有線定時控制器(選配)



BCT-1 有線定時控制器是 B-200 高輸出泡泡機的選購配件，使用方法如下；

按鈕/旋鈕	功能
DURATION [旋鈕]	調整時間
INTERVAL [旋鈕]	調整間隔時間
CONTROL [紅色按鈕]	電源 開/關
BUBBLE [綠色按鈕]	開始製造泡泡
TIMER [黃色按鈕]	啟動 TIMER 模式

注意：

- **務必開啟控制器電源才能使用。
- **如果關閉計時功能，還是可以按下綠色按鍵開始製造泡泡。
- **如果有任何問題，請聯繫當地的 Antari 經銷商尋求協助。


12. BCR-1 無線控制器(選配)



BCR-1 無線控制器是 B-200 高輸出泡泡機的選購配件，它包含一個無線控制器和一個接收器。此配件是隨插即用，不需要做配對，使用方法如下；

1. 將接收器插入機器後方的接頭；
 2. 按藍色按鈕開始製造泡泡，按紅色按鈕停止製造泡泡。
- **如果有任何問題，請聯繫當地的 Antari 經銷商尋求協助。

13. 維護和保養

	危險	維修保養之前，請務必拔除電源線！
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- 隨時保持機器清潔。
- 可以使用空氣壓縮機、吸塵器或軟刷除去機器上的灰塵。
- 機殼可使用濕布擦拭。
- 儲藏機器前或使用機器後，請確認液體已經完全清空並保持乾燥。
- 建議每月至少讓機器運轉一次，以保持機器處於最佳的性能和輸出條件。
- 機器上過多的灰塵、液體殘餘累積的髒污會降低機器工作性能，導致散熱不良。

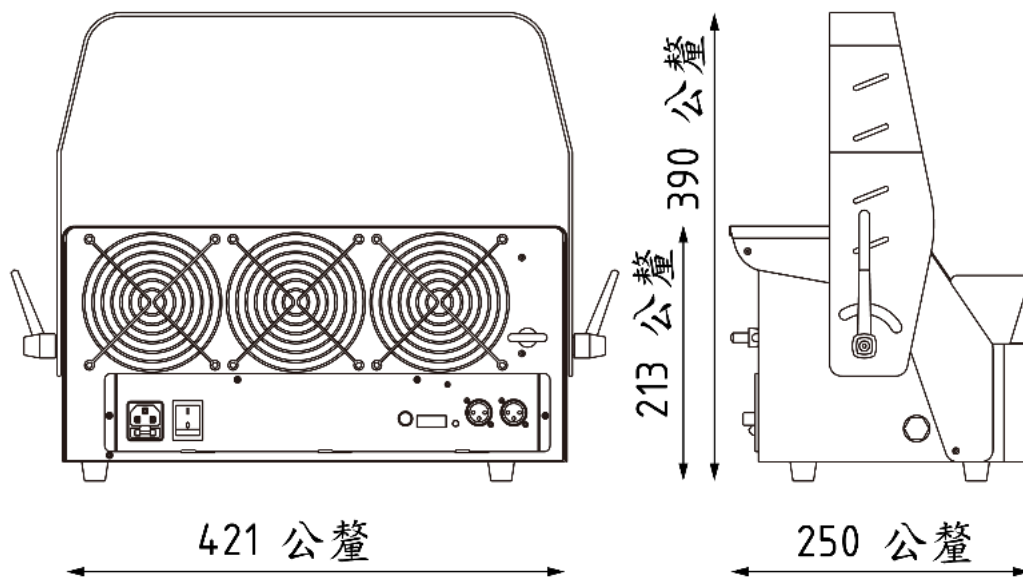
14. 技術規格

B-200	
電壓	美規 : AC 100-120V, 50/60Hz 1.0A 歐規 : AC 220-240V, 50/60Hz 0.5A
額定功率	120 瓦
耗油量	50.0 毫升/分鐘(100%輸出)
運作時間	約 40 分鐘(100%輸出)
油桶容量	2.0 公升 (0.53 加侖)
適用泡泡水	Antari BL 泡泡水
適用環境溫度	5°C – 40°C (41°F – 104°F)
控制方式	手動控制、DMX512、定時控制(選配)、無線控制(選配)
連接座	XLR 5-Pin (DMX)、IEC(主電源)
DMX512 通道	1 個頻道
隨附配件	吊架
選購配件	BCT-1 有線定時控制器、BCR-1 無線控制器
尺寸	長 421 寬 250 高 213 公釐 (長 16.57 寬 9.84 高 8.39 英寸)
重量	11.0 公斤 (24.25 磅)

15. 保固聲明

本公司保證我們的商品在一年內沒有材料和製作缺陷。我們在本保證下的義務和責任僅限於在原廠或當地授權經銷商進行的維修或更換。我們對不當使用或用於非專門設計目的以外之用途不承擔任何責任。本保固不適用於以任何方式在原廠或當地授權經銷商外修理、改動或組裝的任何商品，以便我們判斷影響其性能，沒有受到誤用、疏忽或事故的影響，也沒有違反我們的任何商品操作印刷說明。本公司對於從我們這邊購買的商品不會允許也不對於使用、銷售或修理任何產品有關的任何類型的任何損失或損害承擔責任。

16. 機器尺寸圖

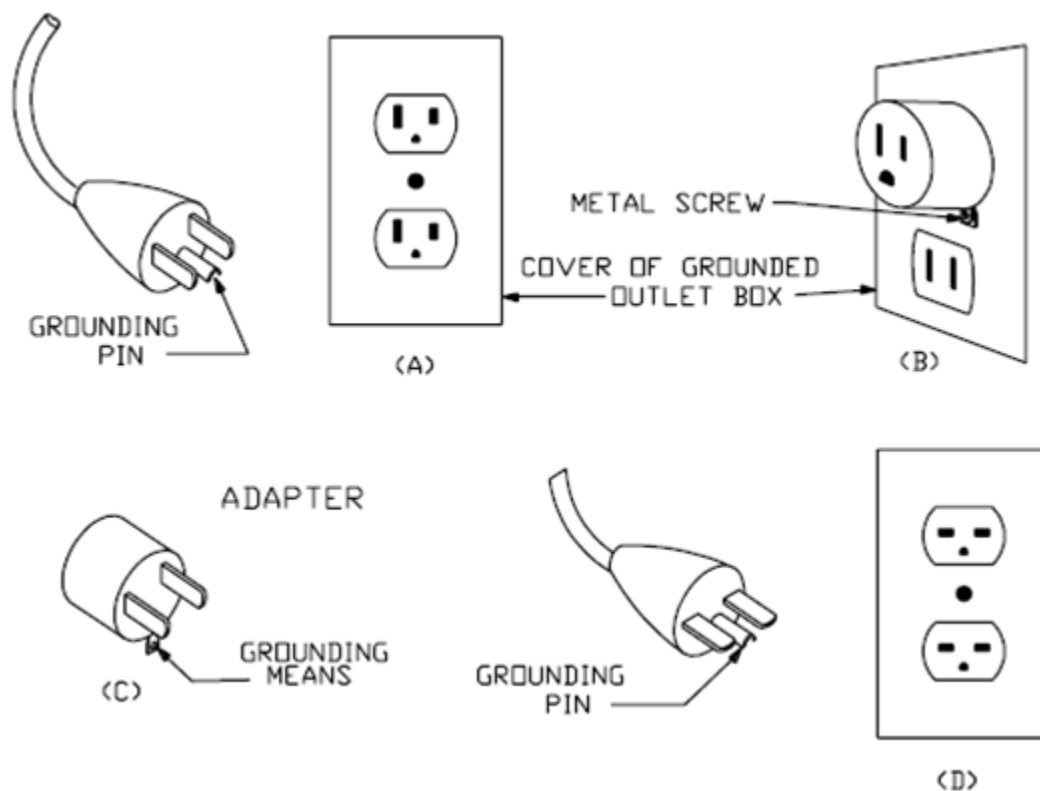


Appendix I - Grounding Instruction

This appliance must be grounded. In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

DANGER – Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This appliance is for use on a nominal 120 V circuit, and has a grounding plug that looks like the plug illustrated in sketch A in Figure. A temporary adaptor, which looks like the adaptor illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is not available. The temporary adaptor should be used only until a properly grounded outlet can be installed by a qualified electrician. The green colored rigid ear, lug, and the like, extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by the metal screw.





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