



B-200

High Output Bubble Machine

User Manual



English • Français • Deutsch • 中文

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User Manual

Antari B-200 Bubble Machine

Congratulations on the purchase of your new ANTARI Bubble Machine

Introduction

Thank you for choosing the ANTARI B-200 Bubble 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 Bubble Machine for years to come.

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

CAUTION!

Pay attention to all warning labels and instructions printed on the exterior of your Antari Bubble Machine. This appliance must be earthed.

Danger of Electric Shock

- Keep this device dry.
- Keep the bubble machine upright.
- For inside use only. Not designed for outside use.
- For the 110 V models, use 3-prong grounded electrical outlet only. Prior to use take care to determine that the unit is installed at the rated voltage.
- Do not overfill your bubble machine. Overfilling will cause the unit to leak.
- Do not tilt or angle the bubble machine. This may result in bubble liquid spilling out of the liquid tray.
- Turn off or unplug the machine when not in use.
- This machine is not water-proof or splash-proof. If moisture, water, or bubble fluid gets inside the housing, immediately unplug the unit and contact a service technician or your ANTARI dealer before using it again.
- No user serviceable parts inside. Refer to your ANTARI dealer or other qualified service personnel.
- This appliance must be earthed.
- For adult use only. The bubble machine must be installed out of the reach of children. Never leave the unit running unattended.
- Never aim the output at open flames.
- Extended use may make surfaces where the bubbles land slippery.
- Position output of bubbles away from persons.

- Switch off from main power when refilling the liquid or cleaning the system.
- Regular cleaning of the bubble wheel is required.
- Install the bubble 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.
- Do not transport with liquid. If the machine gets wet, do not use it before it is completely dry.
- Antari bubble liquid may leave permanent marks on clothing.

Danger of Explosion

- Never add flammable liquids of any kind (such as oil, gas, perfume) to the bubble liquid.
- Use only high-quality, water-based liquid that your dealer recommends. Other 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.
- If your ANTARI B-200 Bubble Machine fails to work properly, discontinue use immediately. Drain all liquid from the tank, pack the unit securely (preferably in the original packing material), and return it to your ANTARI dealer for service.
- Always drain tank before mailing or transporting this unit.
- Never drink bubble liquid. If it is ingested, call a doctor immediately. If liquid comes in contact with skin or eyes, rinse thoroughly with water.

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

Unpacking & Inspection

Open the shipping carton and verify that all equipment necessary to operate the system has arrived intact.

In addition to this user manual, the shipping carton should contain the following items:

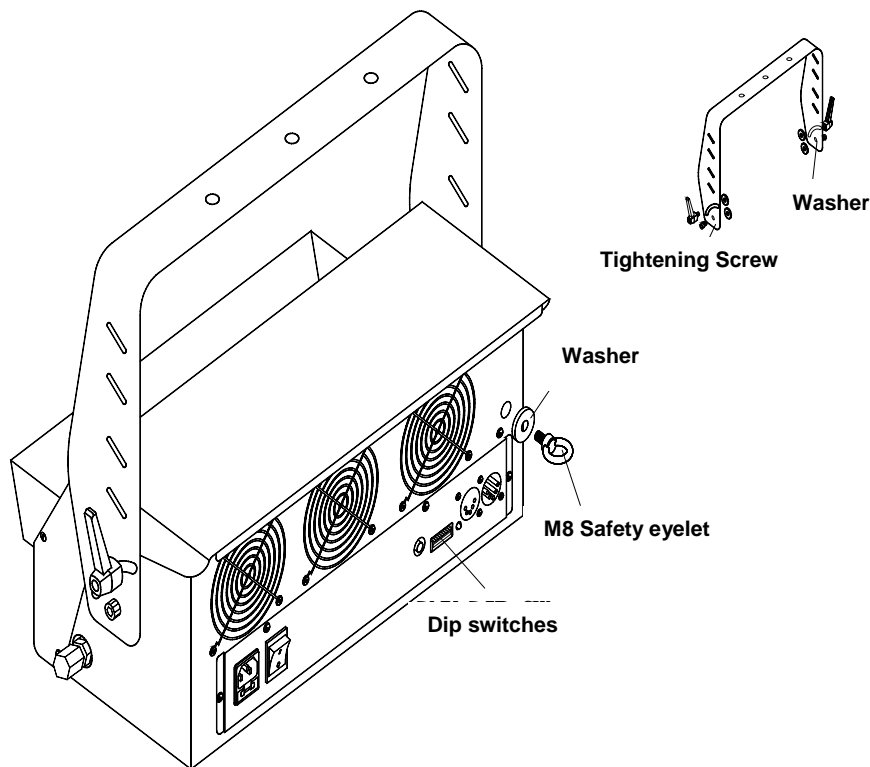
1. B-200 Bubble Machine
2. Power cord and plug
3. 1 Mounting bracket
4. 2 pieces of tightening screws and metal screws, 5 pieces of washers, one safety ring.

If any equipment is missing contact your ANTARI dealer immediately.

Before beginning with the initial setup your Bubble 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 the bubble machine on a flat surface.
- Loosen the side screws at the front of the B-200 and lift the top of the case up. This will expose the liquid tray where the bubble liquid is added. Fill the liquid to no more than 3 cm from the top of the tray.
- Pour the bubble liquid into the liquid tray, DO NOT OVERFILL.
- When the container is full, lower the housing and tighten the screws.
- Attach the hanging bracket with the included tightening and metal screws.
- Attach the M8 safety ring. This hooked safety ring can double insure the machine from falling down when installed at high positions.
- The B-200 Bubble machine can now be positioned in the desired location. Be careful to keep the machine even while moving and installing otherwise liquid may spill out of the liquid tray. This is particularly important when the mounting bracket is used to suspend the B-200.
- Once the machine is securely positioned and a final check is made to insure that no liquid has leaked, connect the power cord to the electrical supply. If there is any leakage or moisture on the machine, the cord or the remote, leave the machine unplugged until the B-200 is dry.



Installation

Install the bubble 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. Install the device out of the public area. Please consider that liquid may be spitted during operation around the device. The resulting slippery surface can cause accidents. Position output of bubbles away from persons. The minium distance should be 1.5 m. Only install the machine on scratch resistant and water resistant surfaces.

Please make sure that the inclination angle does not exceed 15°.



DANGER OF FIRE!

When installing the device, make sure there is no highly-inflammable Material (decoration articles, etc.) within a minimum distance of 0.5 m.

This device is constructed for a standing installation only. If the device is to be installed overhead, the following safety instructions are binding:



DANGER TO LIFE!

Please consider the EN 60598-2-17 and the respective national norms during the installation!

The installation must only be carried out by an authorized dealer!

The installation of the device has to be built and constructed in a way that it can hold 10 times the weight for 1 hour without any harming deformation.

The installation must always be secured with a secondary safety attachment, e.g. an

appropriate catch net. This secondary safety attachment must be constructed in a way that no part of the installation can fall down if the main attachment fails.

When rigging, derigging or servicing the device staying in the area below the installation place, on bridges, under high working places and other endangered areas is forbidden.

The operator has to make sure that safety-relating and machine-technical installations are approved by an expert before taking into operation for the first time and after changes before taking into operation another time.

The operator has to make sure that safety-relating and machine-technical installations are approved by an expert after every four year in the course of an acceptance test.

The operator has to make sure that safety-relating and machine-technical installations are approved by a skilled person once a year.

Procedure:

The device should be installed outside areas where persons may walk by or be seated.

IMPORTANT! OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE, including (but not limited to) calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the device. If you lack these qualifications, do not attempt the installation yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury and or damage to property.

The device has to be installed out of the reach of people.

If the device shall be lowered from the ceiling or high joists, professional trussing systems have to be used. The device must never be fixed swinging freely in the room.

Caution: Devices in hanging installations may cause severe injuries when crashing down! If you have doubts concerning the safety of a possible installation, do NOT install the device!

Before rigging make sure that the installation area can hold a minimum point load of 10 times the device's weight.

Mount the device to your trussing system using an appropriate clamp.

For overhead use, always install a safety-rope that can hold at least 12 times the weight of the fixture. You must only use safety-ropes with quick link with screw cap. Pull the safety-rope through the hole in the mounting-bracket and over the trussing system or a safe fixation spot. Insert the end in the quick link and tighten the safety screw.

The maximum drop distance must never exceed 20 cm.

A safety rope which already has held the strain of a crash or which is defective may not be used again.

Adjust the desired inclination-angle via the mounting-bracket and tighten the fixation screws.



DANGER TO LIFE!

Before taking into operation for the first time, the installation has to be approved by an expert!

Operation

The B-200 Bubble Machine can be operated with or without the remote control. In addition, it has built-in DMX and can be controlled using one channel.

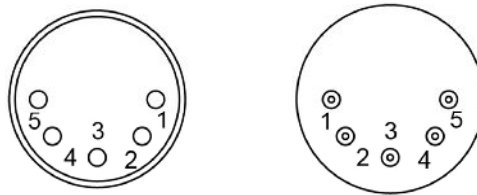
To connect the wireless or timer remote control, plug the stereo jack into the socket labeled REMOTE CONTROL on the back of the bubble machine. The socket is located to the left of the dip switches.

Without remote control:

Turn on the device via the power switch located on the back of the bubble machine. The internal bubble drum begins to rotate and the internal fan is activated. Bubbles are now constantly generated until the power is switched off.

DMX Connector Pin Assignment

5 pin XLR connector for DMX connection. Diagram below indicate pin assignment information



5 Pin XLR

Pin	Function
1	Ground
2	Data-
3	Data+

Using DMX to control the B-200:

Set the desired DMX channel using the dip switches at the back of the machine.

Connect the bubble machine to the DMX chain using the input and output sockets.

NOTE: The machine uses only one DMX channel. This channel does not control bubble volume, it only controls on & off functions.

DMX protocol

DMX value	Feature
0 -128	OFF
129-255	ON

Addressing

Each device occupies 1 channel. To ensure that the control signals are properly directed to each device, the device requires addressing. This is to be done 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 you don't have any overlapping channels in order to control each device correctly and independently from any other device 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		▽		▽	▽	▽	▽	▽	▽

With optional BCT-1 timer remote control attached:

- When the remote is connected, the B-200 can be controlled in two ways. The green button on the remote is a manual override and the dial on the remote control sets the timer function.
- The B-200 will generate bubbles for as long as the green button is held down.
- To enable the timer function, turn the dial clockwise. When the yellow light on the remote turns on, the timer is on. The duration of bubbles is set at 10 seconds and is not adjustable. The interval between bubble blasts is adjustable between 3 - 220 seconds. To increase the interval, rotate the dial clockwise. To decrease the interval, rotate the dial counter-clockwise.

With optional BCR-1 wireless remote control attached:

- When the button on the wireless key chain transmitter is pressed, the B-200 bubble machine will bubble continuously until the button is pressed again. The transmitter has a range of up to 50 meters from the receiver.

Please save these instructions.