

BJA500 USER MANUAL

(500ML/L ULTRASONIC ATOMIZER)

Beijing Ultrasonic CO., LTD.

一: Specification

Type	BJA500
Atomizing Quantity	>550ML
Size	46mm diamater 25mm height
Working Frequency	1700±50(KHZ)
Diameter of piezoceramics	20mm
Working Temperature	5~45℃
Water Level	40mm-60mm
Working Voltage	24V DC 700MA
Power:	24W
Material	Plastics
LED	YES
Water Level Sensor	Height 12mm
Cable	Black 3.8mm PVC Length 1400±20mm
Plug for the atomizer	5.5*2.5mm socket

Pictures Showing:



Product Advantage:

- 1.Copper shell.Plating nickel chrome.Good heat dissipation.
- 2.Atomized particles small.
- 3.Humidification efficiency:a large quantity of humidification,humidification significantly faster results.



4. Overheating protection and Lack water protection.
5. Easy to replace the disc piezoceramics and clean the piezoceramics.

二: Brief Introduction

ultrasonic negative ionizing mist maker is technological product, which its integration of aroma diffuser and air refresher, help to freshen air, and the mist will add air humidity and clear static electricity, all the things are well for human body. If adding one or two drops of disinfectant or aroma liquid, not only it can disinfect and sterilize the air, but also make the room full of fragrant air.

Make sure put the mist maker in water, it can easily be misting. Its wide usage is in different craft article, rokery garden fountain decoration and beautification range, also in the hotel place, even the appliance installation of industry humidification.

三: Operating Instructions

When take out the mist maker from the package (please don't crash the water level sensor), put it in the deep 40mm-80mm water.

the best working effect is keeping 30mm to 50mm of water above ceramic disc. If water is too deep, it can not spray mist, but if water is too shallow, it will stop to spray mist automatically, also when the water—lever sensor switch is out of water. It will also stop to work.

Pls notice that there are no obstacles within the scope of more than 100mm space of the sprayer ceramic water level.

2. The Spray indicator light will be bright after connecting the mist maker with power supply, then the ultrasonic atomizer will work.

If the spray lights flash and the atomizer don't work, this mean that there was not enough water.

3. As the mist maker normally working, the water in the container will constantly evaporate, when the water is below the water level sensor, it will automatically be protected and stop misting, at this time the spray lights will flash. After adding the water above the water level sensor, it continues misting.

4. At the beginning of the work, the atomization quantity may be small, it will be stable misting and become large after working sometime. When the winter is coming, the weather will affect the misting rate, you can put some hot water to speed its stable misting rate.

5. When you don't use the mist maker for a long time, please make sure pull the transformer/adapter input lead wires out, which can avoid the accident/ unfortunate happening.

四:Matters Needing Attention,Services and Maintenance

- 1.Pls operate them according to our instructions. Check the input voltage of transformer(generator) if it's suitable your local voltage standard before using.
- 2.When the mist maker normally work,inevitable meeting produces certain heat caused by temperature rise,at this time,we need to pour enough water in the container to heat eliminate.
- 3.Please don't be covered by sundries above the mist maker,and hold more than 100mm space of the sprayer,also can't put the atomizer in the sealed container.
- 4.Please don't let the mist maker work under the high temperature water,when the temperature exceed 50℃, the hyperthermia/ superheating protection can play the important part, the misting will be stopped,only the indication light shines, when the water temperature is below 40℃, it will normally continue working.It is not allowed to work under the freezing environment.
- 5.Please don't put it beside the TV or other electric equipment ,avoid from damaging them when the mist maker produces misting
- 6.Suited Transformer/Adapter/Generator should keep away from the sprayer, and the sprayer water can spill out and make it wet directly,due to the plug which is connected to the sprayer can't be put it into the water or wet.
- 7.In order to ensure the mist maker/sprayer/atomizer normally working under the nice environment,please change the water every week,and use the clean soft cloth or rag to clean the ceramic and water level sensor,but don't use the chemical agent to clean,even also can't use hard or edge tool.
- 8.When the mist maker works,don't put your hand above the sprayer,or else it will make you smart feeling.
- 9.Although the adapter(transformer) for mist maker is used in outdoor ,but it can't allow to be put into the water.

五: Replace Method of Disc Piezoelectric Ceramic

after the mist maker is used for a long time,its misting rate will be reducing,you can replace the ceramic disc to make it normally working at this time.

Methods as follows:

1. Use the ceramic disc key to wring out the copper ring with anticlockwise direction, and take it out, please see clearly the ceramic disc face and bottom side.
2. Put the new ceramic disc on the original place (Please take attention to the installation direction accorded with the same as original one.)
3. Put the copper ring, and use the ceramic disc key to screw down with the clockwise direction.
4. Please put the mist maker in the water container again, it can normally work as before.

How to replace the piezoceramics.

- 1) With screwdriver through the two holes. Reverse open the top black part as the picture.



- 2) take down the pressure ring, and take out the old piezoceramics.



3) change the new piezoceramics. turn the black part clockwise to tighten the bit as picture.

