

biOrb 45855.0

BiOrb Life 45 Aquarium with MCR - 12 Gallon, Black

User Manual

INTRODUCTION

Welcome to the BiOrb Life 45 Aquarium experience. This manual provides essential information for the setup, operation, and maintenance of your new 12-gallon BiOrb Life 45 Aquarium with MCR lighting. Designed by Oase, this aquarium aims to make fishkeeping accessible and enjoyable, providing a stylish, low-maintenance, and healthy environment for your aquatic life.

Please read this manual thoroughly before beginning the setup process to ensure proper installation and long-term enjoyment of your aquarium.

PRODUCT OVERVIEW AND KEY FEATURES



Image: The BiOrb Life 45 Aquarium in black, a 12-gallon unit, featuring its integrated MCR LED lighting, central air stone producing bubbles, and a vibrant internal aquatic plant display. The sleek, modern design is highlighted.

The BiOrb Life 45 Aquarium is engineered for simplicity and durability. Key features include:

- **Durable Construction:** Made from acrylic, which is 10 times stronger than glass, 50% lighter, and 93% clearer, ensuring longevity and superior viewing.

- **Advanced Filtration:** Features a true 5-stage filtration system covering biological, mechanical, chemical, water stabilization, and oxygenation, providing a clean and healthy aquatic environment.
- **Universal Filter Cartridge:** Utilizes a "one size fits all" filter cartridge for all BiOrb aquariums, simplifying maintenance.
- **MCR LED Lighting:** Multi-Color Remote (MCR) LED light unit for customizable illumination and ambiance.
- **Complete Kit:** Includes essential components such as the 12V transformer, air pump, air stone, ceramic media, filter cartridge, water conditioner, and beneficial bacteria liquid.

SETUP GUIDE

Follow these steps carefully to set up your BiOrb Life 45 Aquarium:

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any damage. Retain packaging for future transport or warranty claims.
2. **Placement:** Choose a stable, level surface capable of supporting the full weight of the aquarium (approximately 120 lbs when filled). Avoid direct sunlight, heat sources, or drafts. Ensure there is access to a power outlet.
3. **Add Ceramic Media:** Rinse the included 2 pounds (900 grams) of ceramic media thoroughly under cold tap water to remove any dust. Place the rinsed media evenly at the bottom of the aquarium. This media provides a large surface area for beneficial bacteria.
4. **Install Filter Cartridge:** Locate the filter cartridge housing at the bottom center of the aquarium. Insert the filter cartridge firmly into its designated slot.
5. **Connect Air Stone and Air Pump:** Attach the air stone to the end of the air line tubing. Feed the tubing through the designated channel in the aquarium base and connect the other end to the BiOrb air pump. Place the air pump in a dry location, preferably above the water level of the aquarium to prevent back-siphoning.
6. **Fill with Water:** Slowly fill the aquarium with dechlorinated tap water. Use a plate or plastic bag on the ceramic media to prevent disturbance. Fill to approximately 1 inch (2.5 cm) from the top rim.
7. **Add Water Treatments:** Add the entire 5 ml bottle of water conditioner to neutralize chlorine and chloramines. Then, add the entire 5 ml bottle of beneficial bacteria liquid to initiate the biological filtration process.
8. **Install MCR LED Light Unit:** Place the MCR LED light unit securely on top of the aquarium. Ensure it is properly seated.
9. **Connect Power:** Connect the air pump and the MCR LED light unit to the BiOrb 12V transformer. Plug the transformer into a suitable power outlet. The air pump will begin to operate, and the MCR light will illuminate.
10. **Cycling the Aquarium:** Allow the aquarium to run for at least 7-10 days without fish to establish the beneficial bacteria colony. This process, known as "cycling," is crucial for a healthy environment. Test water parameters regularly during this period.

OPERATING INSTRUCTIONS

MCR LED Lighting Operation

The Multi-Color Remote (MCR) LED light unit allows you to customize the lighting in your aquarium. Use the included remote control to:

- Turn the light ON/OFF.
- Adjust brightness levels.
- Select from various color options.

- Choose pre-programmed light cycles or effects (e.g., sunrise, sunset, moonlight).

Refer to the separate MCR remote control guide for detailed instructions on all functions.

Introducing Fish

After the aquarium has successfully cycled (typically indicated by stable ammonia and nitrite levels at zero, and nitrates present), you can begin to introduce fish. Introduce fish gradually, adding a few at a time over several weeks to avoid overwhelming the biological filter. Research appropriate fish species for a 12-gallon aquarium.

Feeding

Feed your fish small amounts once or twice a day. Only provide what they can consume within 2-3 minutes. Overfeeding can lead to poor water quality.

MAINTENANCE

Regular maintenance is crucial for a healthy and clear aquarium. The BiOrb design simplifies this process.

Filter Cartridge Replacement

The filter cartridge should be replaced approximately every 4-6 weeks. To replace:

1. Unplug the transformer from the power outlet.
2. Carefully remove the old filter cartridge from its housing.
3. Insert a new BiOrb filter cartridge, ensuring it is seated correctly.
4. Reconnect the transformer to the power outlet.

Note: Do not rinse the ceramic media during routine filter changes, as this can remove beneficial bacteria.

Water Changes

Perform a 25-30% water change every 2-4 weeks, or more frequently if water quality issues arise. Use a gravel vacuum to remove debris from the ceramic media. Always add water conditioner to the new water before adding it to the aquarium.

Cleaning the Aquarium

The acrylic material of your BiOrb aquarium is easy to clean. Use a soft, non-abrasive cloth or an aquarium-safe cleaning pad to wipe down the inside and outside surfaces. Avoid using household cleaners or abrasive materials, as these can scratch the acrylic.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Cloudy Water	New tank syndrome (bacterial bloom), overfeeding, insufficient filtration, dirty filter cartridge.	Ensure proper cycling. Reduce feeding. Replace filter cartridge. Perform a partial water change.
Air Pump Not Working	Power disconnected, air line kinked, air stone clogged, pump malfunction.	Check power connection. Straighten air line. Clean or replace air stone. Contact support if pump is faulty.

Problem	Possible Cause	Solution
MCR Light Not Responding	Remote battery low, remote out of range, light unit unplugged, light unit malfunction.	Replace remote battery. Ensure clear line of sight to light unit. Check power connection. Contact support.
Fish Sickness/Death	Poor water quality (ammonia/nitrite spikes), incorrect water temperature, disease.	Test water parameters immediately. Perform emergency water change. Adjust heater if necessary. Consult a fish health expert.

SPECIFICATIONS

Attribute	Detail
Model Name	45855
ASIN	B06XDMVZZQ
Brand	biOrb
Tank Volume	12 Gallons
Color	Black
Material	Acrylic
Item Dimensions (LxWxH)	16.14 x 15.75 x 23.23 inches
Item Weight	24.25 Pounds (empty)
Included Components	12 Gallon Acrylic Aquarium, biOrb 12V Transformer, biOrb Air Pump, Air stone, Ceramic Media (2 lbs / 900 grams), Filter cartridge, Water Conditioner (5 ml), Beneficial Bacteria liquid (5 ml), MCR LED Light unit
Manufacturer	Deepwater Aquatics Distribution
Date First Available	March 2, 2017

WARRANTY INFORMATION

The BiOrb Life 45 Aquarium comes with a **2-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for any warranty claims. For specific details regarding warranty coverage and claims, please refer to the documentation included with your product or visit the official biOrb website.

CUSTOMER SUPPORT

For further assistance, technical support, or to purchase replacement parts, please contact BiOrb customer service or visit the official BiOrb store online.

BiOrb Store: [Visit the biOrb Store on Amazon](#)

Please have your model number (45855.0) and purchase date ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question