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› ERAARK 4.5 Gallon Betta Fish Tank Instruction Manual

ERAARK a-q-1-s

ERAARK 4.5 Gallon Betta Fish Tank Instruction Manual

Model: a-q-1-s

1. PRODUCT OVERVIEW

The ERAARK 4.5 Gallon Betta Fish Tank is a smart aquarium kit designed for small fish, offering a self-cleaning system with advanced filtration, adjustable LED lighting, and a water pump. This desktop aquarium serves as both a functional habitat for aquatic pets and a decorative element for various indoor spaces. Its intelligent features, including APP-controlled lighting, provide a customizable and visually appealing underwater world.



This image displays the complete ERAARK 4.5 Gallon Betta Fish Tank setup, including the integrated filter system, LED lighting, and water pump. The tank is shown with various fish, a turtle, and artificial plants, illustrating a potential decorated environment.



The aquarium is shown as a decorative element on a coffee table, highlighting its compact size and aesthetic appeal for home or office environments. It features a minimalist design with a black frame.

2. PRODUCT CONTENTS

Upon unboxing, please verify that all the following components are included in your ERAARK 4.5 Gallon Betta Fish Tank kit:

- Aquarium (Glass Tank)
- LED Light Unit
- Aquarium Filter System
- Water Pump
- Instruction Manual

Note: Fish, decorative items, and substrate (stones/gravel) are not included and must be purchased separately.

[Products include]

Aquarium, LED light, aquarium filter, water pump, instruction manual.



 **Aquarium size: 15.6 x 6.6 x 10.3inch 5Gallon**

This visual guide shows all the items included in the product package: the glass aquarium, the LED light unit, the multi-stage filter system, the water pump, and the instruction manual. This helps users verify package contents upon unboxing.



This image provides a clear layout of the product components along with the overall dimensions of the aquarium (15.6 x 6.6 x 10.3 inches),

confirming the capacity of 5 gallons. It includes the filter, water pump, and instruction manual.

3. SETUP INSTRUCTIONS

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect the aquarium and all parts for any damage. Do not proceed with setup if any part is damaged.
2. **Clean the Tank:** Rinse the aquarium thoroughly with clean water. Do not use soap or detergents, as residues can be harmful to fish. Wipe down with a clean, damp cloth.
3. **Install Filter System:** Place the filter system into its designated compartment within the tank. Ensure it is securely seated. Refer to the filter diagram for proper assembly of filter media (honeycomb cotton, microporous cotton, biochemical ball, activated carbon).
4. **Connect Water Pump:** Attach the water pump to the filter system as indicated in the manual. Ensure all connections are secure.
5. **Add Substrate and Decorations:** If desired, add a layer of aquarium-safe substrate (gravel or sand) and any decorations. Rinse these items thoroughly before placing them in the tank.
6. **Fill with Water:** Slowly fill the aquarium with dechlorinated water to the recommended level. Use a water conditioner to remove chlorine and chloramines from tap water.
7. **Install LED Light:** Place the LED light unit securely on top of the aquarium. Ensure it is properly aligned with the tank opening.
8. **Connect Power:** Plug in the water pump and LED light power adapters to a suitable power outlet. Ensure a drip loop is formed with all cords to prevent water from traveling along the cord to the outlet.
9. **Cycle the Tank:** Before adding fish, it is highly recommended to cycle the aquarium to establish beneficial bacteria. This process can take several weeks. Research "aquarium nitrogen cycle" for more information.

4. OPERATING INSTRUCTIONS

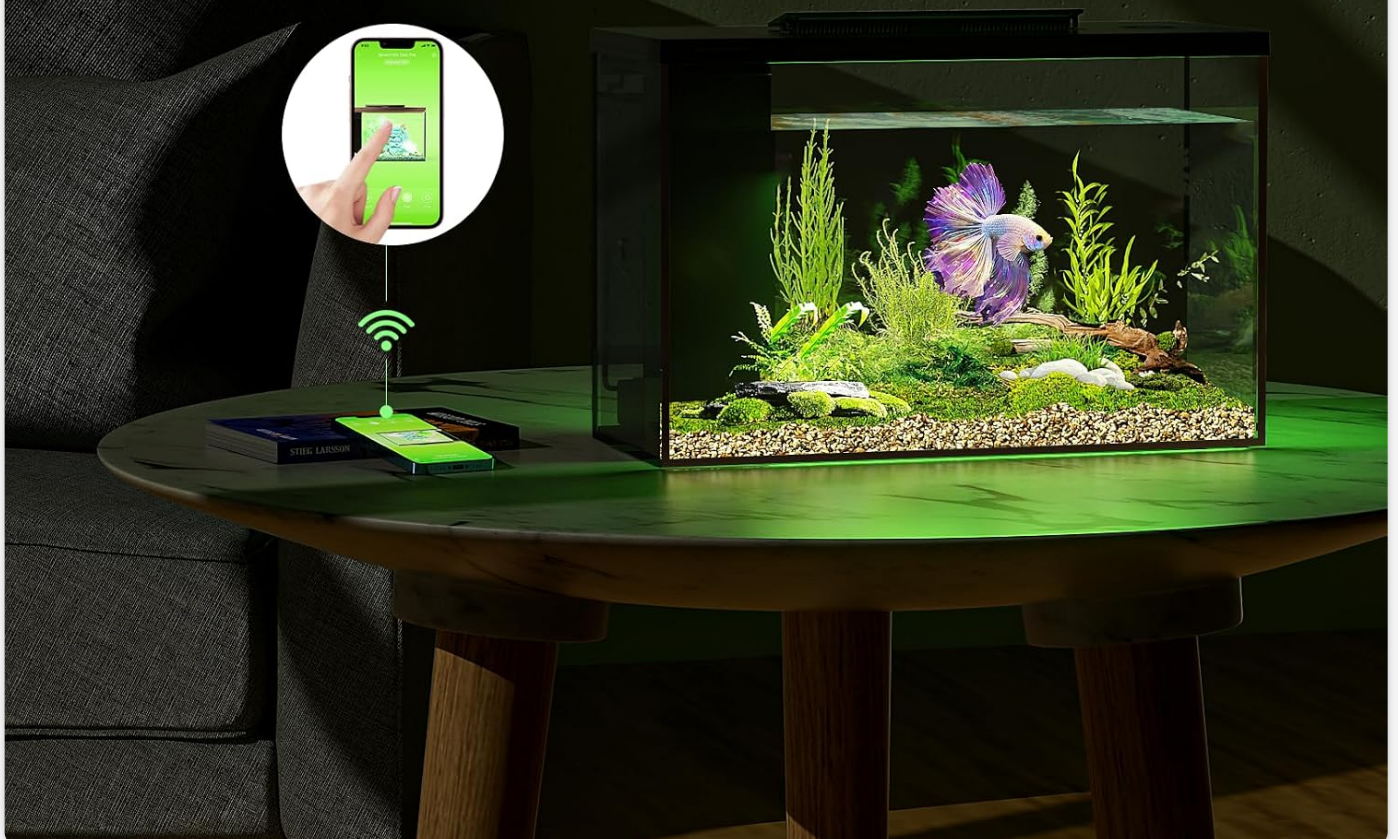
4.1. LED Light Control via APP

The ERAARK aquarium features smart LED lighting that can be controlled via a dedicated mobile application. This allows you to customize the light color and intensity to create various ambiances and support fish health.

1. **Download the APP:** Scan the QR code in the instruction manual or search for the ERAARK aquarium APP in your device's app store (iOS/Android).
2. **Connect via Bluetooth:** Ensure your smartphone's Bluetooth is enabled. Open the APP and follow the on-screen instructions to pair with your aquarium's LED light unit.
3. **Adjust Light Settings:** Within the APP, you can select from a spectrum of colors (red, orange, yellow, green, blue, purple, etc.) and adjust brightness levels. The soft light design protects both human eyes and fish from discomfort.

[Adjustable light color through APP]

This is a smart aquarium that allows you to adjust the color of the light through the APP.



This image illustrates the smart control feature of the aquarium, where a mobile application is used to adjust the LED light color. The tank is illuminated with a purple hue, demonstrating the customizable lighting options.



The image showcases the versatility of the LED lighting system, displaying the aquarium with different light colors. This feature allows users to customize the ambiance and promote fish well-being, with soft light designed to protect eyes and fish.

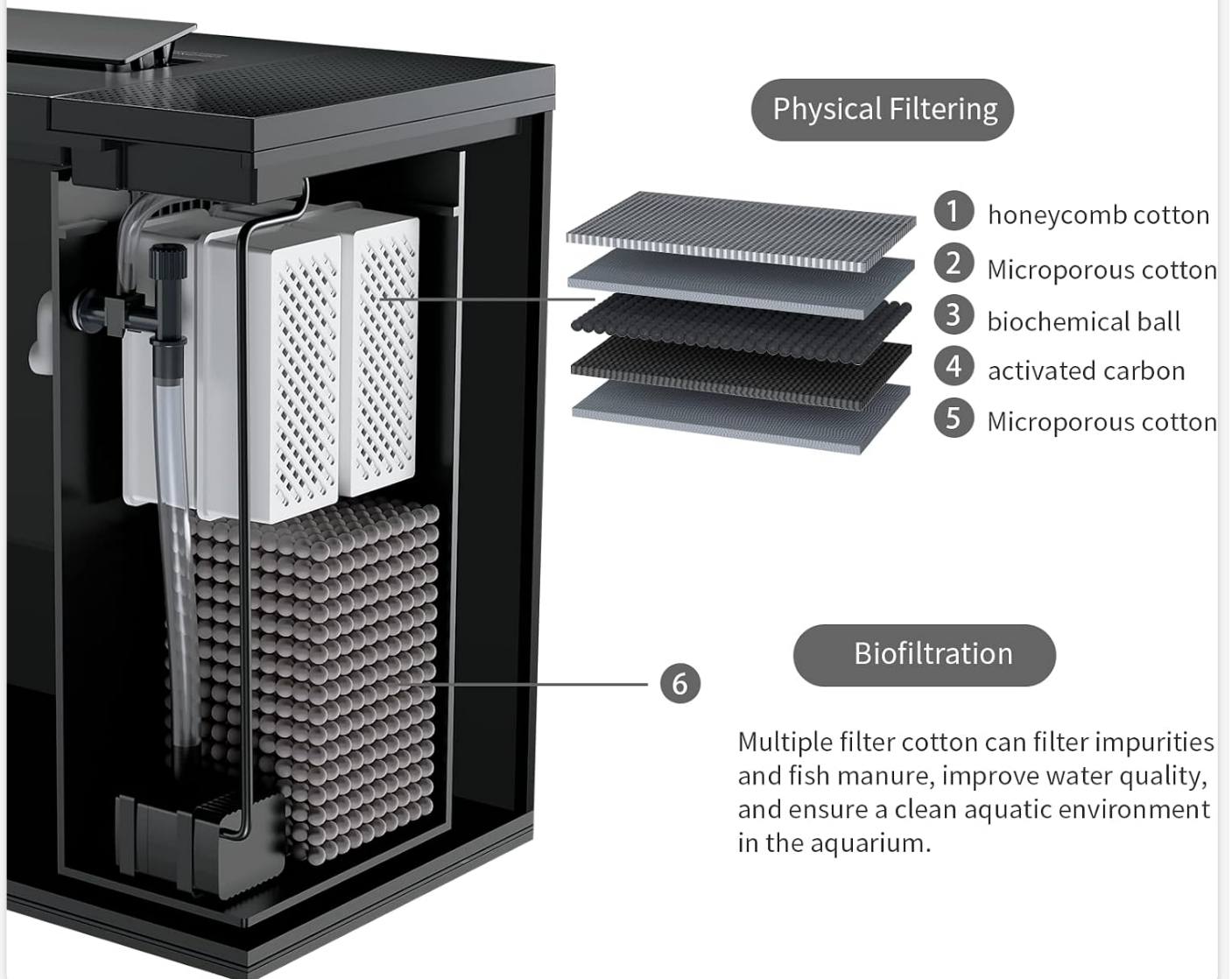
4.2. Filtration System Operation

The aquarium's filter system employs a combination of physical and biological filtration to maintain water quality. The water pump continuously circulates water through the filter media, ensuring a clean and oxygen-rich environment for your fish.

- **Physical Filtration:** Multiple layers of filter cotton (honeycomb and microporous) and activated carbon remove impurities, debris, and fish waste from the water.
- **Biological Filtration:** Biochemical balls provide a large surface area for beneficial bacteria to colonize, which convert harmful ammonia and nitrites into less toxic nitrates.
- **Oxygenation:** The water pump generates water flow and bubbles, contributing to sufficient oxygen levels in the tank.

【Multiple Filtration】

The aquarium filter uses a combination of physical and biological filtration to improve the filtration effect.

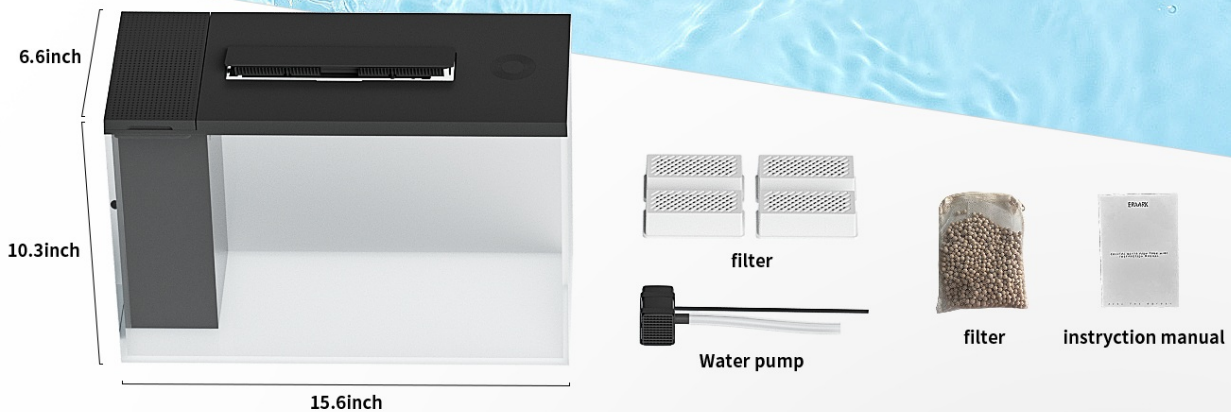


A detailed cutaway view of the aquarium's filtration system, explaining its multi-stage process. It highlights the honeycomb cotton, microporous cotton, biochemical ball, and activated carbon layers for comprehensive physical and biological filtration, ensuring clean water.

4.3. Silent Design

The ERAARK aquarium is engineered for quiet operation, with a noise level of approximately 25dB. This makes it suitable for placement in bedrooms, offices, or other quiet spaces without causing disturbance.

Products include



This image highlights the silent design feature of the aquarium, indicating a low noise level of 25dB. It suggests the tank is quiet enough for placement in bedrooms without disturbing sleep, ensuring a peaceful environment.

5. MAINTENANCE

Regular maintenance is crucial for the health of your fish and the longevity of your aquarium. The self-cleaning design assists, but manual intervention is still required.

- **Filter Media Cleaning/Replacement:** The filter cotton and activated carbon should be rinsed or replaced regularly (e.g., every 2-4 weeks, depending on bioload). Rinse filter media in old tank water to preserve beneficial bacteria. Replace activated carbon as it loses effectiveness over time.
- **Water Changes:** Perform partial water changes (25-30% of tank volume) weekly or bi-weekly. Use a gravel vacuum to remove debris from the substrate. Always use dechlorinated water for refills.
- **Tank Cleaning:** Wipe down the inside glass with an aquarium-safe cleaner or magnetic algae scraper to remove algae buildup. Clean the exterior with a damp cloth.
- **Water Parameter Testing:** Periodically test water parameters (ammonia, nitrite, nitrate, pH) to ensure a healthy environment for your fish.
- **Pump Maintenance:** Occasionally check the water pump for blockages or debris. Clean the impeller if necessary to ensure optimal water flow.

6. TROUBLESHOOTING

If you encounter issues with your ERAARK fish tank, refer to the following common troubleshooting tips:

- **No Power to Light/Pump:**
 - Check if the power adapter is securely plugged into both the device and the wall outlet.
 - Ensure the power outlet is functional by testing it with another appliance.
 - Verify that the power switch (if any) on the light or pump is in the 'ON' position.
- **Weak Water Flow from Filter:**
 - Check if the filter media is clogged. Rinse or replace filter cotton and activated carbon.

- Inspect the water pump impeller for debris or blockages. Clean as needed.
- Ensure the water level in the tank is adequate for the pump to operate correctly.

- **Cloudy Water:**

- Perform a partial water change.
- Check and clean/replace filter media.
- Avoid overfeeding fish, as excess food can decompose and cloud water.
- Ensure the tank is properly cycled if it's a new setup.

- **APP Connectivity Issues:**

- Ensure Bluetooth is enabled on your smartphone.
- Restart the APP and try reconnecting.
- Ensure the LED light unit is powered on.
- Try restarting your smartphone.

7. SPECIFICATIONS

Feature	Specification
Model Name	a-q-1-s
Tank Volume	5 Gallons
Product Dimensions (L x W x H)	15.6 x 6.6 x 10.3 inches
Item Weight	15 Pounds
Material	Glass
Color	Glass
Special Feature	Self Cleaning, APP Adjustable Light Color
Included Components	Aquarium, LED Light, Aquarium Filter, Water Pump, Instruction Manual
Target Audience	Fish (Betta fish, Angelfish, Gouramis, Goldfish, Tropical Shrimp, Lobster, etc.)

8. WARRANTY INFORMATION

This product does not come with a manufacturer's warranty. Please refer to the retailer's return policy for information regarding returns or exchanges.

9. SUPPORT

For further assistance, product information, or to explore other ERAARK products, please visit the official ERAARK Store:

[Visit the ERAARK Store on Amazon](#)

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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.

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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

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