

**Deco O**

**“ADDS LIFE TO YOUR ENVIRONMENT”**

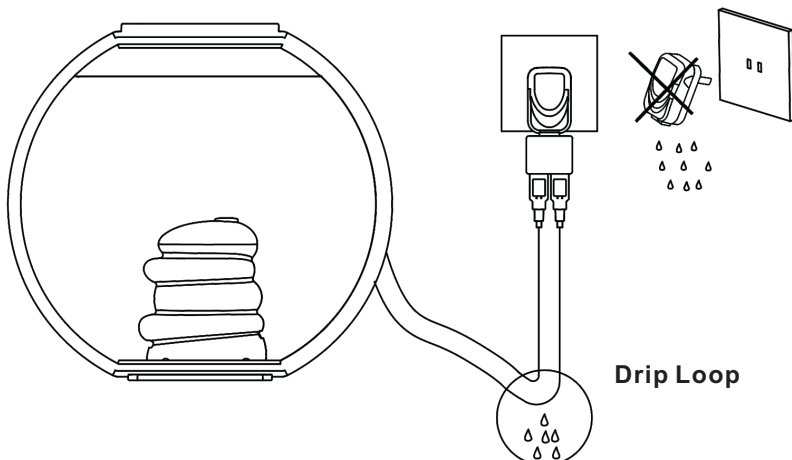
We thank you for supporting AA with your purchase. Before operating this aquarium, please read the following safety precautions and operation instructions carefully.

“Like” & “Follow” AA Aquarium on Facebook to stay connected and see our latest offerings.

[www.aa-aquarium.com](http://www.aa-aquarium.com)

**IMPORTANT SAFETY PRECAUTIONS:**

- Indoor use only.
- Keep the aquarium away from main socket outlet and all electrical appliances. Keep the enough distance that under the abnormal situation, e.g. aquarium break, water can't affect the main power supply and other electrical appliances.
- Max. water temperature: 35°C
- Keep electrical appliances out of reach from Children or infirm persons. Do not let them use the appliances without supervision
- Only use this aquarium and its components for its intended use as described in this manual
- Always unplug when not in use.
- Do not plug or unplug any power supply when hands are wet.
- Do not use or repair by yourself if the appliance is defective.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Use only together with the adaptor which is supplied within the aquarium package.
- The normal function of the aquarium may be disturbed by Strong Electro Magnetic Interference. If so, simply unplug and reset the aquarium to resume normal operation. If it still not work, place the aquarium away from the strong electro magnetic source.
- Warning: If there should be condensed water inside the luminaire, please pull the power plug! Please remove the LED light and return to your retailer for replacement.
- Warning: Unplug or switch off the aquarium before carrying out maintenance
- Weight of aquarium when filled with water is  
Deco O mini – 13.5kg  
Deco O – 25.5kg
- Before use, filled up the tank with water to check if there's leakage
- Do not transport, or move the aquarium when it's filled up with water
- Do not use toxic substances to clean the aquarium
- All cables leading out of the aquarium and the main cables should have a drip loop, so that water which may possibly run down cannot get into the adaptor or the main socket. (Ref. “Drip Loop”)



## INSTRUCTIONS:

1. Carefully remove the aquarium and its components from the box and packing materials. Please check for damages, should there be damages, please kindly return to your retailer immediately.
2. Check for components inside package:
  - a) Aquarium tank
  - b) LED light on top cover
  - c) Stone stacking ornament
  - d) water pump with filter cartridge
  - e) decoration gravels
  - f) USB adaptor and 2-way USB port
  - g) colour lens
3. POSITIONING your tank, please use the following guidelines when positioning your tank:
  - Choose a strong support surface for the tank; remember, when the tank is full of water, it can be heavy!
  - The tank should put on a flat surface without inclination.
  - Try to avoid a location with direct sunlight as this can encourage algae growth & cause "green water" problems.
4. DECORATE your tank with gravels & stone stacking ornament. Remember: rinse all decorative items before putting them in the aquarium.
5. The water pump power cord can position along the edge inside the aquarium, there're slots at the back for cord management. (Ref. Fig. 1)
6. FILL the aquarium with water slowly to the mid frame (Ref. Fig. 2).

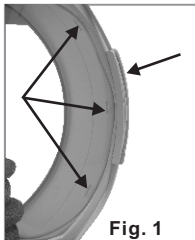
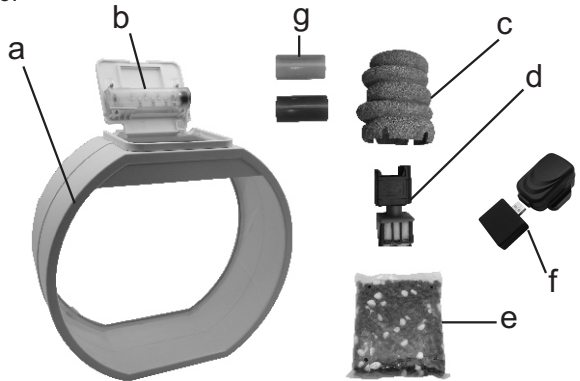


Fig. 1



Fig. 2



Fig. 3

7. Connect pump and light to the USB adaptor. (Ref. Fig. 3).
8. Select daylight just by a touch on the top cover. (Tips: Fishes require sufficient rest also; we suggest the day light to be left on for max 12 hours per day). (Ref. Fig.4)
9. Before adding your fish, please add "Chlorine Neutral" (not included) into aquarium (check dosage on packaging). Let the filtration run for about 2 hours before adding fish. If you do not have Chlorine Neutral, we recommend to run the filtration for 12 hours before adding fish.
10. There're colour rings included. Simply clip onto the LED



Fig. 4

light to bring out the colours of your fish. (Ref. Fig.5) Pink for gold fish & blue to look like saltwater setup.

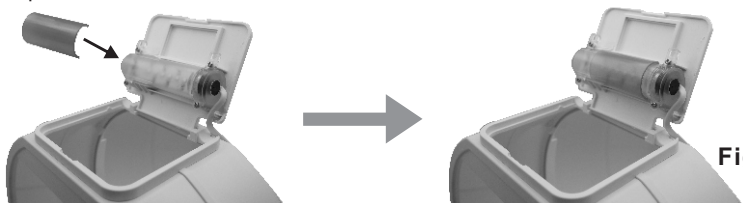


Fig. 5

## MAINTENANCE:

1. For best performance, maintenance should be carried out once every 3 to 5 weeks, depending on water conditions.
2. To achieve maximum efficiency, the filter cartridge should be replaced every month.
3. Do not use detergents to clean the aquarium, its components or filtration materials.
4. Always unplug the adaptor and disconnect before carrying out maintenance.
5. Take out stone stacking ornament.
6. Replace the filter cartridge (refer to "Replacement parts and accessories" at the end of this manual), rinse the filter cartridge with water taken from the aquarium. (Ref. Fig. 6).
7. Rinse the stone stacking ornament under running water.
8. To avoid damages/scratches to the aquarium, use SOFT WOOL/CLOTH material for cleaning.
9. When changing water, only change 25% of the water and re-fill the tank with tap water. Remember to add Chlorine Neutral!
10. AA recommends cleaning the impeller of the pump once every 6 months to ensure smooth and reliable performance.
  - i) Remove the pump from the stone stacking ornament. Ref. to Fig. 7a Remove the filter cartridge from the pump.
  - ii) Slightly bend the front cover; the impeller housing will be disassembled from the pump. (Ref. To Fig. 7b)
  - iii) Remove the impeller assembly to clean / brush under running water.
  - iv) Re-assemble the pump, filter cartridge & the stone stacking ornament.

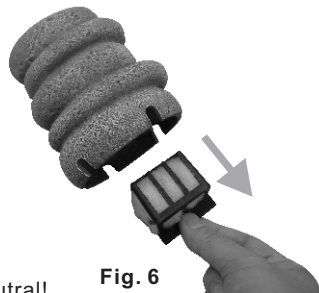


Fig. 6

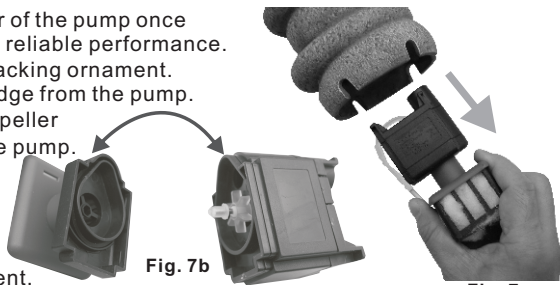


Fig. 7b

Fig. 7a

## LAMP MAINTENANCE TIPS

- Q. My Deco O tank worked well, but recently the light doesn't seem to be working properly. It seems like the touch function is no longer working.
- A. You can first try to reset the electronics by unplugging the USB plug between the lighting and the USB adaptor. Re-connect after 10 seconds to see if it works.

Sometimes there could be some water droplets or algae growth around the silicone o-ring between the sensor of the Uni-Module and the top plate, which may affect the sensor.

1. Unplug the USB of the LED light. Remove the cover from aquarium, carefully line up the pivot with the slot. Gently lift it from the pivot side of the plate (Ref. Fig. 8A).
2. Unscrew. (Ref. Fig. 8B)
3. Gently lift the Uni-Module and clean with a damp cloth. (Ref. Fig. 8C)  
\* Note: you can re-connect the USB plug to see if the Uni-Module works. If it is still faulty, please contact our servicing agent for replacement.
4. Pay attention to the silicone o-ring and the square area within the o-ring. Clean this area & the o-ring to remove any algae or water droplets. Dry with a paper towel before re-assembling (Ref. Fig. 8D).

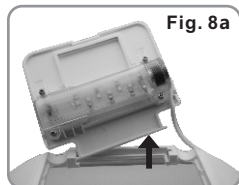


Fig. 8a

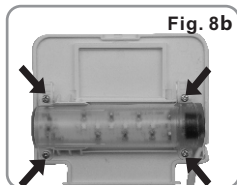


Fig. 8b

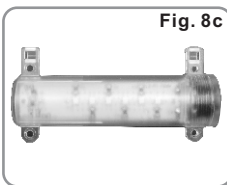


Fig. 8c

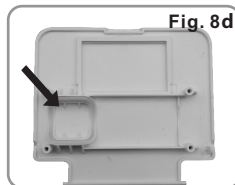


Fig. 8d

If the light still not function properly, please replace a new one. (Replacement LED model no. refer to "Spare Part table" at the end of this manual)



**TROUBLE SHOOTING GUIDELINES:**

SYMPTOM	SOLUTION
Water pump doesn't work	(1) Check if the water pump is connected to the USB adaptor (2) Clean the water pump according to "MAINTENANCE"
If the light doesn't work	(1) Check if the LED light is connected to the USB adaptor (2) If the lamp doesn't light up, clean the light module according to "LAMP MAINTENANCE TIPS" section.
If excess algae grows	(1) Make sure aquarium is not under direct sunlight all the time. Consider repositioning your tank. (2) "Algae Cure" can be purchased from aquarium shops to help control algae growth. (3) If the light is turn on for 24 hours per day, please try to keep it on for 12 hours max. Your fish will need time to rest and algae can grow easily under lighting.

**REPLACEMENT PARTS & ACCESSORIES:**

Below are replacement parts available at the retailer where you have purchased this aquarium.

**Filter cartridge:**

Contains sponge & activated carbon, replace approx. every 4-6 weeks, depending on water conditions.



R-025-6

**Water pump:**

for both Deco O & Deco O mini



AA190-DC

**Replacement LED:**

for both Deco O & Deco O mini



R-USBLED-1W

**Spare Part Table:**

Name	Model	Colour	Filter Cartridge	Water Pump	Replacement LED
Deco O mini	AA10L-OGK-BLK	Black	R-025-6	AA190-DC-B	R-DCLED-1W-B
	AA10L-OGK-WHT	White		AA190-DC-W	R-DCLED-1W-W
Deco O	AA20L-OGK-BLK	Black		AA190-DC-B	R-DCLED-1W-B
	AA20L-OGK-WHT	White		AA190-DC-W	R-DCLED-1W-W

**For UK & Ireland:**

Name	Model	Colour	Filter Cartridge	Water Pump	Replacement LED
Deco O min	FRF-DECO-MINI/B	Black	FRF-025CT	AA190-DC-B	R-DCLED-1W-B
	FRF-DECO-MINI/W	White		AA190-DC-W	R-DCLED-1W-W
Deco O	FRF-DECO-O/B	Black		AA190-DC-B	R-DCLED-1W-B
	FRF-DECO-O/W	White		AA190-DC-W	R-DCLED-1W-W

\*1 year limited warranty for the aquarium. Do not include tear and wear parts like filter media.



Discarding electrical and electronic equipment at the end of life. In everybody's interest and to participate actively in protecting the environment:

- Do not discard these items with your household waste.
  - Use the available trade-in and collection systems.
- Some materials can in this way be recycled or recovered.

If you are interested in our products, please kindly visit our homepage at [www.aa-aquarium.com](http://www.aa-aquarium.com)

Comments and Inquiries

Please write to us at [info@aa-aquarium.com](mailto:info@aa-aquarium.com).

Ref.#: DECO TANK-IB-E\_E06