PREMJIN Tank-01

PREMJIN Smart Fish Tank Aquarium Kit - Model Tank-01 User Manual

Comprehensive instructions for setup, operation, and maintenance.

INTRODUCTION

The PREMJIN Smart Fish Tank Aquarium Kit (Model Tank-01) offers an all-in-one solution for aquatic pet enthusiasts. This 1.5-gallon tank features a multi-layer filtration system, a silent water pump, ultra-high-definition glass, and a smart automatic feeder. Control various functions, including 16 million DIY LED lighting colors and feeding schedules, directly through a dedicated mobile application via Bluetooth connectivity. This manual provides essential information to ensure optimal performance and longevity of your aquarium.

SETUP

Unboxing & Components

Carefully unpack all components from the box. Ensure all items listed below are present and undamaged.

- Glass Aquarium Tank
- Smart Lid with Integrated Lighting and Controls
- Water Pump
- Multi-Layer Filter Cartridge (includes filter stones and sponge)
- Automatic Feeder Module
- Mini Magnetic Scrubber Scraper
- Power Adapter
- User Manual

Figure 1: All components of the PREMJIN Smart Fish Tank Aquarium Kit.

Assembly Instructions

Follow these steps to assemble your new smart fish tank:

1. **Prepare the Water Pump:** Assemble the black pump components in sequence, connecting the intake and outlet pipes. Attach the transparent tube for oxygenation.
2. **Install the Water Pump:** Route the pump's power cord and transparent tube out from the bottom of the aquarium lid. Insert the assembled pump into the designated slot inside the lid.
3. **Prepare the Filter:** Place the filter stones into the transparent container provided.
4. **Install the Filter:** After installing the filter stones, place the container into the slot inside the fish tank lid. Place the yellow filter sponge on top of the filter box.
5. **Connect Pump Outlet:** Reconnect the pump outlet fitting to the pump body, ensuring it sits correctly over the filter sponge.
6. **Place Aromatherapy Box (Optional):** If desired, place the aromatherapy box in front of the water pump.
7. **Secure the Lid:** Align the tabs on the lid with the two protruding points on the aquarium, then gently press down to secure it.

8. **Connect Power:** Connect the power cord on the water pump to the power cord on the lid. Note: Align the small arrows on both power cords before connecting them. Finally, connect the other wire on the lid to the power adapter to complete the entire aquarium assembly.

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Video 1: Premjin Fish Tank Unboxing and First Impressions Video. This video demonstrates the unboxing process and initial setup of the aquarium components.

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Video 2: S1 Unboxing and Assembling video. This video provides a visual guide for assembling the fish tank.

OPERATING INSTRUCTIONS

APP Control (Leyu App)

The PREMJIN Smart Fish Tank is controlled via Bluetooth using the "Leyu" mobile application. This app allows remote adjustment of various aquarium features.

- **Download the App:** Scan the QR code found on the last page of the manual or search for "Leyu" in the Apple App Store or Google Play Store.
- **Connect to Device:** Open the app and follow the on-screen instructions to connect to your Smart Fish Tank.
- **App Features:**

  - Remotely adjust lighting colors and scenes.
  - Schedule precise feeding times.
  - Control water pump power levels.
  - Monitor water temperature.

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Video 3: Time Function Setup Tutorial. This video guides you through setting up time-based functions using the app.

Lighting System

The tank features a full gamut color LED lighting system that enhances the visual experience and promotes fish health. You can customize the lighting via the Leyu app.

- **DIY Colors:** Choose from 16 million colors to design your own unique aquarium ambiance.
- **Pre-set Scenes:** Select from 21 dynamic lighting scenes, including simulated sunrise and sunset.
- **Brightness Control:** Adjust the brightness levels to suit your preference.

Figure 2: Customizable LED lighting system with app control for color and scene selection.

Automatic Feeder

The integrated automatic feeder simplifies feeding routines, especially during vacations or busy periods.

- **Scheduled Feeding:** Program precise meal times and portion sizes via the Leyu app.
- **Food Capacity:** Holds up to 3 months' worth of food.
- **Moisture-Proof Design:** Prevents food from clumping, ensuring consistent delivery.

Figure 3: Detailed view of the automatic feeder mechanism and its integration with the tank lid.

Water Pump & Filtration

The efficient water circulation system maintains optimal water quality for your fish.

- **Adjustable Pump Power:** Control the water pump's suction power via the app for effective filtration and cleaning. The pump is off by default and needs to be activated through the app after water is added.
- **Multi-Layer Filtration:** The upgraded filtration system uses a filter cartridge with filter stones and a sponge for comprehensive water purification.
- **Oxygenation:** Side oxygenation outlets ensure sufficient oxygen levels for aquatic life.
- **Temperature Sensor:** A built-in temperature sensor allows you to check the water temperature anytime through the app.

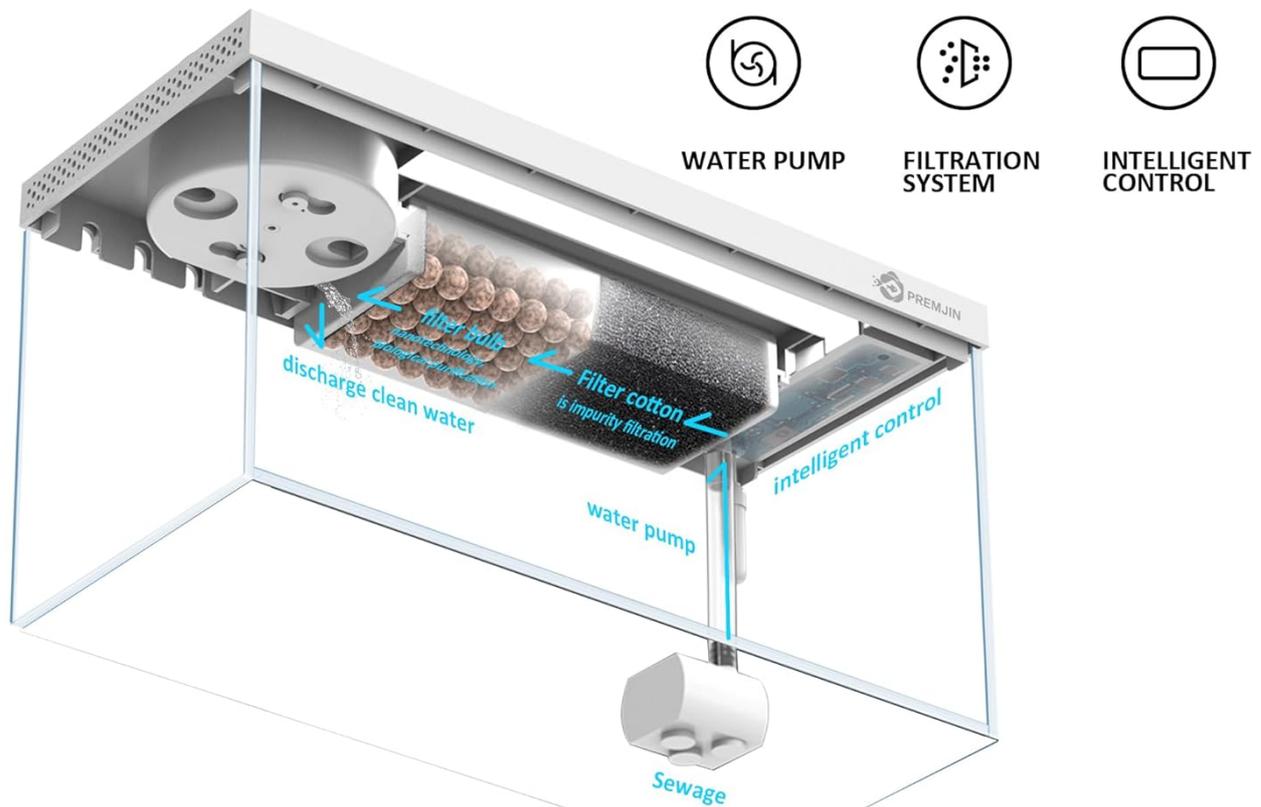# FILTERING LAYER BY LAYER, QUICKLY PURIFYING WATER

Figure 4: Diagram illustrating the multi-layer filtration system and water pump operation.

MAINTENANCE

Water Changes

Regular water changes are crucial for maintaining a healthy aquatic environment.

- It is recommended to change approximately 1/3 of the tank's water once a week.
- The tank features a one-touch water drain system for convenience.

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Video 4: One-Touch Water Drain - URUQ Smart Fish Tank. This video demonstrates the easy water draining process.

Filter Replacement

The filter cartridge is designed for easy replacement to ensure continuous effective filtration.

- Regularly check the filter sponge and stones for debris and replace the cartridge as needed.

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Cleaning

Keep the tank glass clean for optimal viewing and light transmission.

- Use the included mini magnetic scrubber scraper to easily clean the interior glass surfaces without getting your hands wet.
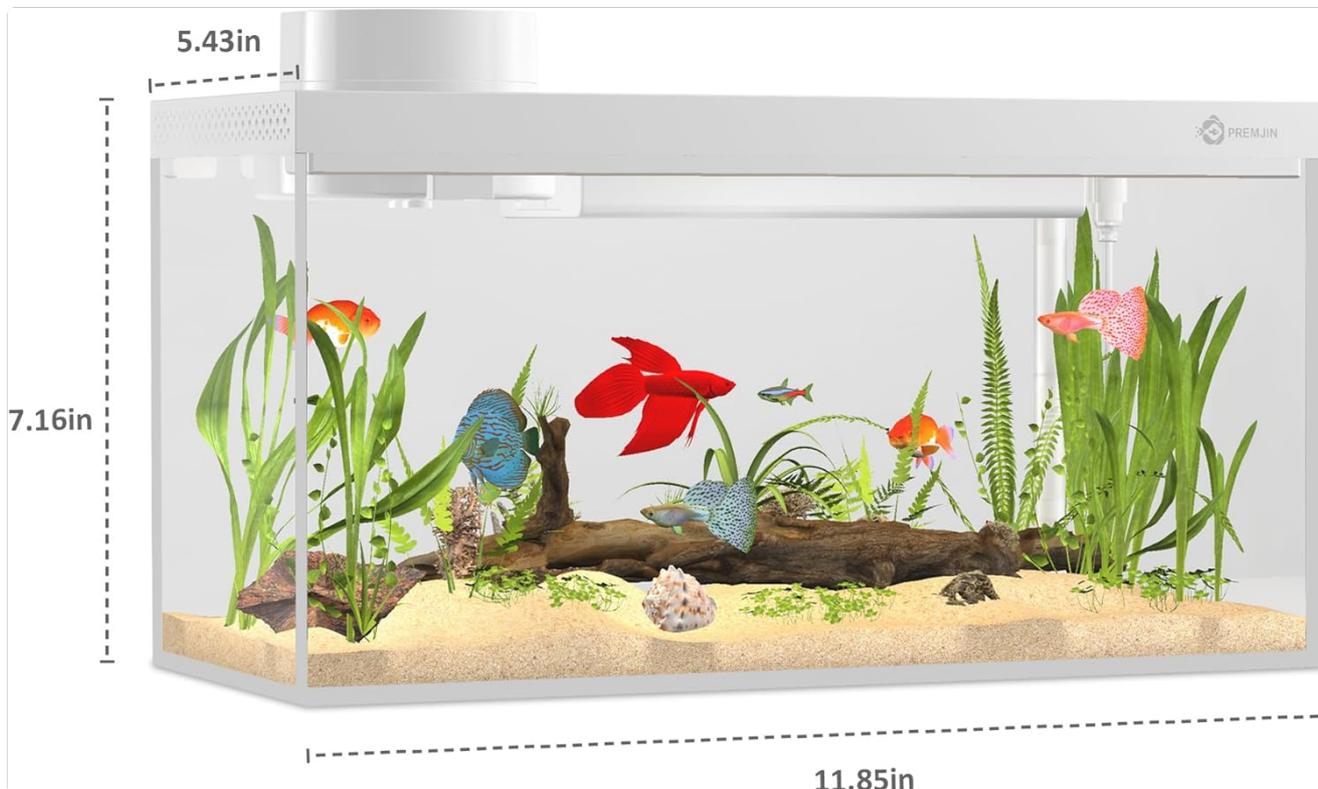

Figure 5: The mini magnetic cleaner effectively removes algae and debris from the tank glass.

TROUBLESHOOTING

If you encounter any issues with your PREMJIN Smart Fish Tank, please refer to the following common solutions:

- **Pump Not Working:** Ensure the power cords are securely connected and the pump is activated via the Leyu app. Check for any blockages in the pump or filter.
- **Lights Not Changing/Working:** Verify the power connection to the lid. Check the Leyu app for light settings and ensure the correct mode is selected.
- **App Connectivity Issues:** Ensure your device's Bluetooth is enabled and within range (within 33 ft.). Restart the app and try reconnecting.
- **Automatic Feeder Not Dispensing:** Check that the feeder is filled with food and that the scheduled times are correctly set in the app. Ensure no clumping is preventing food release.
- **Water Quality Issues:** Perform a partial water change (1/3 of the tank volume). Check and replace the filter cartridge if it appears dirty or clogged.

SPECIFICATIONS

Feature	Specification
Model Name	Tank-01

Feature	Specification
Tank Volume	1.5 Gallons
Product Dimensions (LxWxH)	11.81" x 5.43" x 7.16"
Item Weight	5.63 pounds (2.56 Kilograms)
Material	Glass
Special Feature	Self Cleaning, APP Control, Auto Feeder, Temperature Sensor
Connectivity	Bluetooth

Figure 6: Product dimensions of the Smart Fish Tank.

WARRANTY & SUPPORT

- **Warranty:** The PREMJIN Smart Fish Tank Aquarium Kit comes with a 1-year warranty from the date of

purchase.

- **Customer Support:** For any questions, technical assistance, or warranty claims, please contact our 24/7 US customer support team. Refer to the product packaging or the Leyu app for contact details.