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› [PREMJIN Smart Fish Tank Aquarium Kit - 1.5 Gallon with APP Control and Auto Feeder \(Model: Tank-01\)](#)

PREMJIN Tank-01

PREMJIN Smart Fish Tank Aquarium Kit User Manual

Model: Tank-01

1. PRODUCT OVERVIEW

The PREMJJIN Smart Fish Tank Aquarium Kit (Model: Tank-01) is an all-in-one solution designed for ease of use and intelligent control. This 1.5-gallon glass aquarium features a multi-layer filtration system, a silent water pump, and a full gamut color LED lighting system. It integrates smart functionalities such as APP control for lighting, feeding, and pump power, along with an automatic feeder and a built-in temperature sensor.



Image 1: PREMJJIN Smart Fish Tank Aquarium Kit, showcasing its compact design and smart features.

2. PACKAGE CONTENTS

Upon unboxing, please ensure all components are present:

- PREMJJIN Smart Fish Tank (1.5 Gallon, UHD Glass)
- Integrated Top Lid with Smart Control Panel
- Water Pump
- Multi-Layer Filtration Media (Filter cotton, Bio Filter Balls)
- Automatic Fish Feeder
- Full Gamut Color LED Lighting System
- USB Power Adapter
- Mini Magnetic Scrubber/Scraper
- User Manual

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Video 1: Unboxing and initial impressions of the PREMJJIN Smart Fish Tank, demonstrating included components.

3. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all items from the packaging. Inspect for any damage.
2. **Position the Tank:** Place the glass tank on a stable, level surface away from direct sunlight and heat sources.
3. **Install Filtration System:**
 - Open the top lid to access the filtration compartment.
 - Place the filter cotton and bio filter balls into their designated sections within the filtration area.
 - Connect the water pump to the appropriate tubing and secure it within the filtration compartment as shown in the diagram.

FILTERING LAYER BY LAYER, QUICKLY PURIFYING WATER

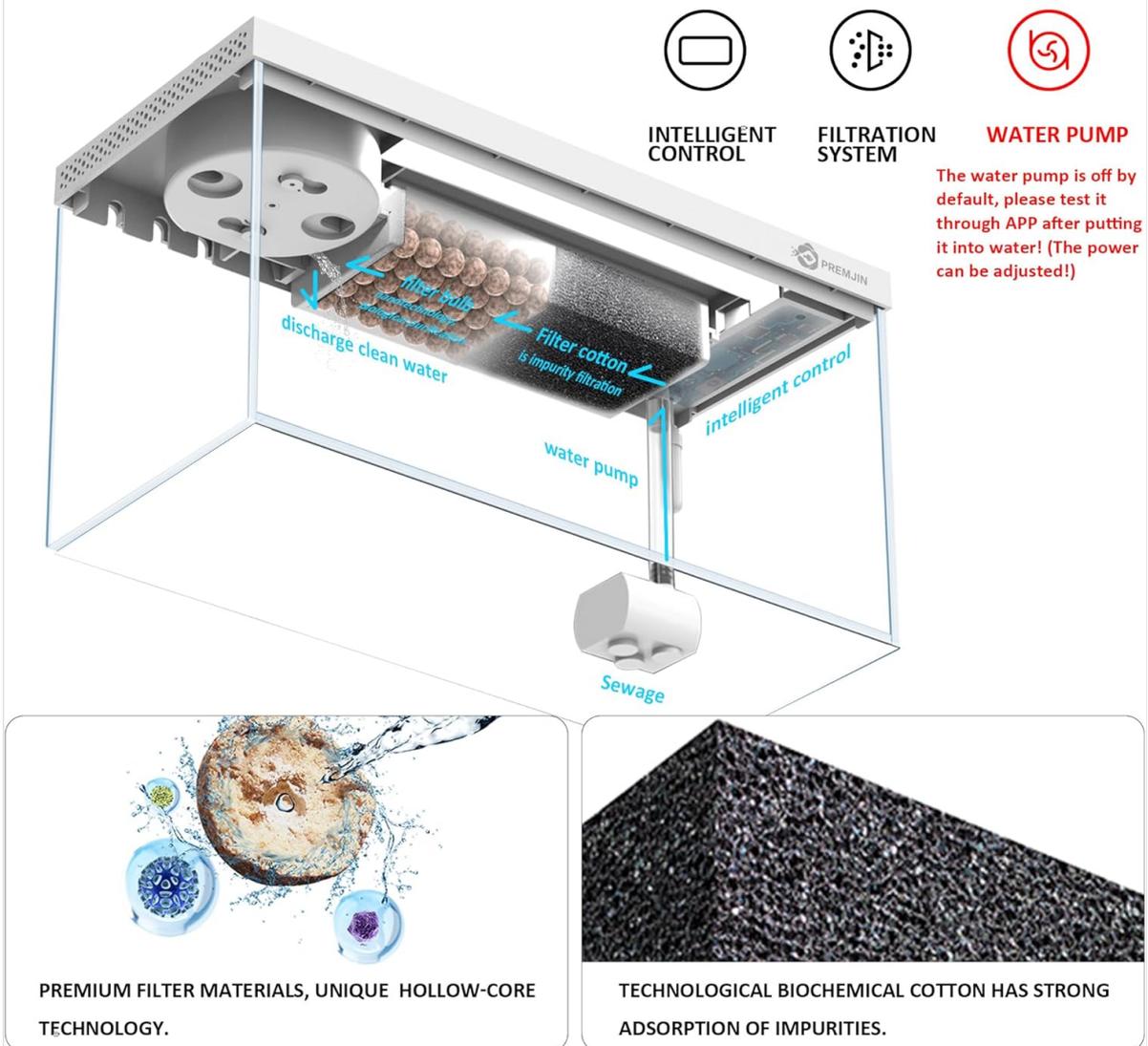


Image 2: Detailed diagram illustrating the multi-layer filtration system and water pump placement.

4. **Install Automatic Feeder:** The automatic feeder is integrated into the top lid. Ensure it is properly seated.
5. **Add Substrate and Decorations:** Rinse any gravel or decorations thoroughly before placing them into the tank.
6. **Fill with Water:** Slowly fill the tank with dechlorinated water. Ensure the water level is appropriate for the filtration system to function correctly.

7. **Connect Power:** Plug the USB power adapter into a suitable outlet and connect it to the tank.

4. OPERATING INSTRUCTIONS

4.1 APP Control (Bluetooth Connectivity)

The PREMJIN Smart Fish Tank can be controlled via a dedicated mobile application. Follow these steps to set up and use the app:

1. **Download the App:** Scan the QR code provided in the manual or search for "Leyu" in the Apple App Store or Google Play Store.
2. **Pair Device:** Open the app and follow the on-screen instructions to pair your smartphone with the fish tank via Bluetooth. The app works within a 33 ft range.
3. **Control Features:** Use the app to remotely adjust the following:
 - **Lighting:** Customize LED colors (16 million options), brightness, and choose from 21 dynamic light scenes or synchronize with day/night cycles.
 - **Feeding Times:** Schedule precise meal times for the automatic feeder.
 - **Pump Power:** Adjust the water pump's suction power for filtration and cleaning. (Note: The water pump is off by default; test it via the app after filling the tank with water).
 - **Temperature Monitoring:** Check the built-in temperature sensor readings anytime.



Image 3: Smartphone interface demonstrating APP control over lighting, temperature, and pump settings.

4.2 Manual Control (Top Panel Buttons)

The top lid features touch buttons for basic manual control:

- **Power Button:** Turns the unit on/off.
- **Manual Light Button:** Press once to turn on/off the manual light. Long press to cycle through light modes.
- **Auto Light Button:** Activates automatic lighting modes.
- **Feed Button:** Press briefly to dispense food.
- **Water Pump/Oxygen Pump Button:** Controls the water pump and oxygenation.

FULL GAMUT ECO-LIGHT

Ignite More Landscaping Inspiration



HIGH BRIGHTNESS ENERGY EFFICIENCY

Featuring Ultra-Bright LED Bulbs



TIMER SCHEDULING

Multi-Segment Control for On/Off, Scenes, and Color Tones

White Light Mode, True Colors



Simulated Underwater Lighting



Simulated Sunrise and Sunset



Image 4: Visual representation of the diverse LED lighting options available through the smart control system.

4.3 Automatic Feeder Operation

The integrated automatic feeder can hold up to 3 months' worth of food. Its moisture-proof design prevents clumping. Schedule feeding times via the app for convenience, especially during vacations or busy periods.

ONE-TOUCH MULTI-FUNCTION CONTROL

Enabling One-Touch Feeding, Lighting Adjustment,
and Water Pump Control



Feeding fish



lighting



water pump



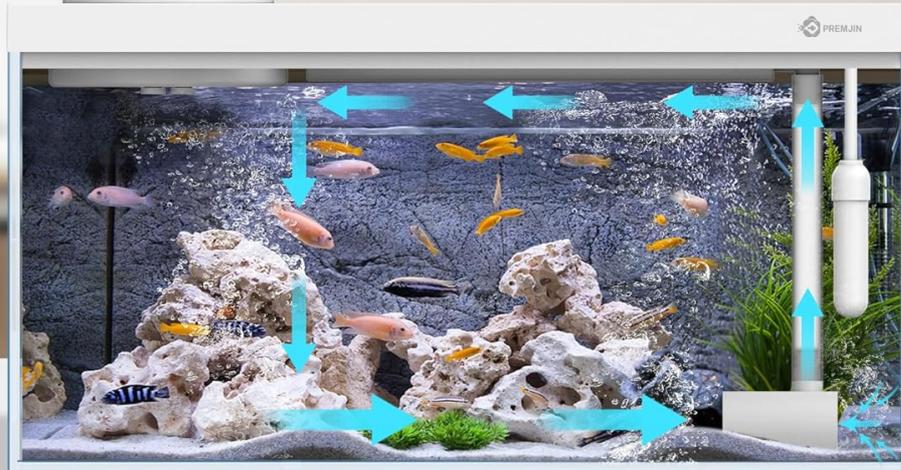
Image 5: Illustration of the automatic feeder mechanism and its integration into the tank's design.

5. MAINTENANCE

Regular maintenance is crucial for a healthy aquatic environment. The PREMJIN Smart Fish Tank is designed for easy upkeep.

- **Filter Cartridge Replacement:** The upgraded filtration system allows for easy replacement of filter cartridges. Refer to the app for timely reminders.
- **Water Changes:** Perform regular water changes to maintain water quality. The app can provide timed reminders for this task.
- **Tank Cleaning:** Use the included mini magnetic scrubber/scrapper to clean the UHD glass.
- **Oxygenation:** Ensure oxygenation outlets are clear to provide sufficient oxygen for fish.

HASSLE-FREE OWNERSHIP



Auto-Clean Alert System



Tool-Free Component Access



Timed reminders to change water and food

Image 6: Overview of the tank's design for hassle-free ownership, including auto-clean alerts and tool-free component access.

6. TROUBLESHOOTING

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

- **Water Pump Not Working:** Ensure the pump is properly connected and submerged. Check the app to confirm the pump power level is set above zero. If the issue persists, check for any blockages in the pump or tubing.
- **Lights Not Functioning:** Verify the power connection. Use the app or manual buttons to cycle through light modes. If using the app, ensure Bluetooth connection is active.
- **Automatic Feeder Not Dispensing:** Check the food level in the feeder. Ensure no clumping has occurred due to moisture. Verify feeding schedules in the app.
- **App Connectivity Issues:** Ensure your device's Bluetooth is enabled and within the 33 ft range of the tank. Restart the app and/or the tank if connection is lost.
- **Unusual Noise:** Check the water pump for any debris or improper seating. Ensure the water level is

adequate.

7. SPECIFICATIONS

Feature	Specification
Model Name	Tank-01
Brand	PREMJIN
Tank Volume	1.5 Imperial Gallons
Item Dimensions (LxWxH)	11.81 x 5.43 x 7.16 inches
Item Weight	5.63 pounds (2.56 Kilograms)
Material	UHD Glass
Special Feature	APP Control, Auto Feeder, Multi-Layer Filtration, Silent Pump, 16 Million DIY Colors LED, Built-in Temperature Sensor
Connectivity	Bluetooth
Included Components	Fish Tank, Water Pump, Filtration Media, Auto Feeder, LED Lighting, USB Power Adapter, Mini Magnetic Scrubber
Color	White

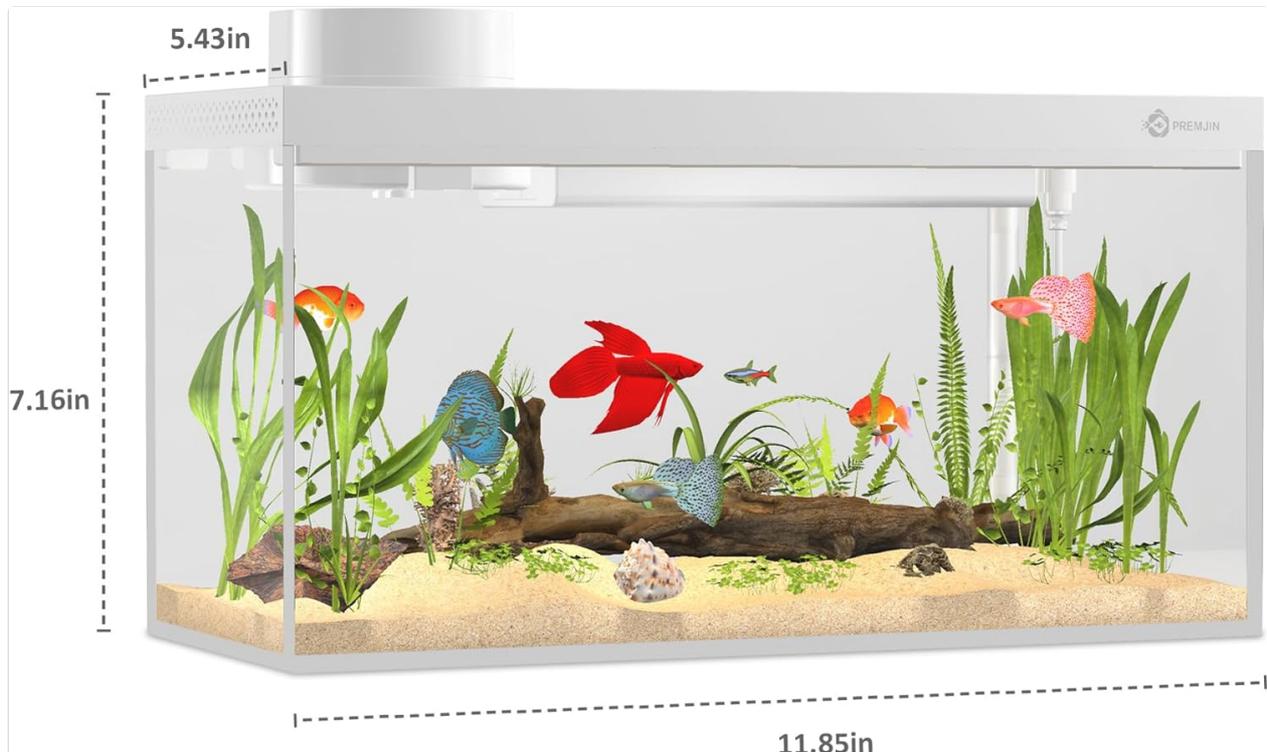


Image 7: Product dimensions for the PREMJIN Smart Fish Tank.

8. WARRANTY AND SUPPORT

The PREMJIN Smart Fish Tank Aquarium Kit comes with a **1-year warranty**. For any product-related inquiries,

technical assistance, or warranty claims, please contact our 24/7 US customer support. We are committed to ensuring your satisfaction.

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