Finnex JL-16S

Finnex Stingray Aquarium LED Light (Model JL-16S)

User Manual

1. Introduction

The Finnex Stingray LED series is designed for aquariums, featuring a slim profile that integrates discreetly above your tank. This 16-inch model (JL-16S) incorporates a blend of 7,000k Daylight LEDs, 620nm RED LEDs, and Actinic Blue LEDs. This combination is engineered to brighten the aquarium, highlight the colors of aquatic inhabitants, and support basic aquatic life. The fixture includes clear plastic legs and mounting clips, offering flexible installation options for various aquarium setups, including inside canopies.

This manual provides essential information for the safe and effective use of your Finnex Stingray LED light, covering setup, operation, maintenance, and troubleshooting.

2. Safety Information

- **Read all instructions:** Before operating the light, carefully read and understand all safety and operating instructions.
- **Electrical Safety:** Always ensure your hands are dry before handling the power cord or plugging/unplugging the unit. Do not operate if the cord or plug is damaged.
- **Water Proximity:** This product is **not waterproof**. Avoid direct contact with water. Do not submerge the light fixture. Ensure the light is securely mounted above the water surface.
- **Condensation:** If using the light over an open-top aquarium, condensation can accumulate and potentially damage the unit. It is highly recommended to use a glass or acrylic lid to prevent moisture from reaching the light fixture.
- **Ventilation:** Ensure adequate ventilation around the light fixture to prevent overheating.
- **Children and Pets:** Keep the light and its power cord out of reach of children and pets.
- **Intended Use:** This product is designed for indoor aquarium lighting only. Do not use for any other purpose.

3. Package Contents

Verify that all components are present in the package:

- Finnex Stingray Aquarium LED Light Fixture (16-inch, Model JL-16S)
- Clear Plastic Mounting Legs (1 pair)
- Mounting Clips (1 pair, for canopy installation)
- Power Adapter



Image: Finnex Stingray LED Light in its retail packaging, showing the light fixture and accessories.

4. Setup Instructions

Follow these steps to properly set up your Finnex Stingray LED light:

1. **Unpack:** Carefully remove all components from the packaging. Inspect the light fixture and accessories for any signs of damage.
2. **Choose Mounting Method:** The Stingray LED light offers two primary mounting options:
    - **Using Mounting Legs:** Attach the clear plastic legs to the ends of the light fixture. These legs are designed to sit on the rim of your aquarium. Ensure the light is centered and stable.
    - **Using Mounting Clips (for Canopies):** If installing inside an aquarium canopy, use the provided mounting clips to secure the fixture. Refer to your canopy's design for optimal clip placement.
3. **Position the Light:** Place the light fixture securely over your aquarium. Ensure it is level and stable. If using over an open-top tank, consider adding a glass or acrylic lid to protect the light from moisture.
4. **Connect Power:** Plug the power adapter into the light fixture, then plug the adapter into a suitable electrical outlet. Ensure the connection is secure.





Image: Finnex Stingray LED Light installed on an aquarium, demonstrating typical placement.



Image: Side view of the Finnex Stingray LED Light, highlighting its slim design and mounting leg attachment point.

5. Operating Instructions

The Finnex Stingray LED light features a simple on/off operation. It does not include advanced controls for individual color channels or dimming directly on the unit.

1. **Power On/Off:** Once plugged in, the light will illuminate. To turn the light on or off, use the rocker switch located on the power cord.
2. **Light Spectrum:** The light provides a blend of 7,000k Daylight, 620nm Red, and Actinic Blue LEDs. This combination is designed to offer a balanced spectrum for general aquarium viewing and basic plant support.
3. **External Timer Compatibility:** For automated on/off cycles, connect the light's power adapter to an external timer (not included). The light will resume its last state (on) when power is restored by the timer.



Image: Close-up view of the Finnex Stingray LED Light, illustrating the arrangement of white, red, and blue LEDs.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your LED light.

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe the exterior of the light fixture. Do not use abrasive cleaners or solvents. If necessary, a slightly damp cloth can be used, but ensure no water enters the fixture.

- **Moisture Protection:** As the unit is not waterproof, regularly check for any signs of moisture or condensation on or inside the fixture. If condensation is present, immediately disconnect power and allow the unit to dry completely in a well-ventilated area before re-use. Consider installing an aquarium lid if not already in use.
- **Power Cord Inspection:** Periodically inspect the power cord and adapter for any damage, fraying, or kinks. Replace if damaged.
- **LED Longevity:** LED lights have a long lifespan. No routine replacement of individual LEDs is required.

7. Troubleshooting

If you encounter issues with your Finnex Stingray LED light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, faulty outlet, switch in OFF position.	Check power cord connection, try a different outlet, ensure rocker switch is ON.
Light flickers or is dim.	Loose connection, power fluctuation, internal component issue.	Ensure all connections are secure. If problem persists, discontinue use and contact support.
Condensation inside fixture.	Exposure to high humidity or direct water splashes.	Immediately unplug the light. Allow it to dry completely. Use an aquarium lid to prevent future moisture exposure.
Mounting legs slide on rim.	Incompatible rim design or improper adjustment.	Ensure legs are correctly adjusted for your tank's rim. For rimless tanks, the clear plastic legs are designed to fit securely.

8. Specifications

Feature	Detail
Model Number	JL-16S
Product Dimensions (L x W x H)	16 x 2 x 0.75 inches (Fixture only)
Item Weight	12.8 ounces
Wattage	10 watts
Light Source Type	LED
Number of Light Sources	28 (20x 7000k Daylight, 4x Actinic Blue, 4x 660nm Red)
Control Method	Rocker Switch (On/Off)
Material Type	Aluminum
Color	Black
Water Resistance Level	Not Water Resistant
Indoor/Outdoor Usage	Indoor

9. Warranty Information

This Finnex Stingray Aquarium LED Light (Model JL-16S) is covered by a**180-day manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, modification, improper installation, or exposure to water. Please retain your proof of purchase for warranty claims.

10. Support

For technical assistance, warranty claims, or further inquiries regarding your Finnex Stingray LED light, please contact Finnex customer support. Refer to the Finnex website or product packaging for the most current contact information.

Manufacturer: JSK Merchandise Inc.

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