

T-SUN TS-F2210

T-SUN F2210-RGB 3-IN-1 LED Pond Light Instruction Manual

Model: TS-F2210

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your T-SUN F2210-RGB 3-IN-1 LED Pond Light. Please read this manual thoroughly before installation and operation, and retain it for future reference.

The T-SUN F2210-RGB 3-IN-1 LED Pond Light is designed for illuminating ponds, gardens, pools, aquariums, and fountains. It features color-changing capabilities and remote control operation.

SAFETY INFORMATION

- Ensure the power supply is disconnected before installation or maintenance.
- The light units are IP68 waterproof and designed for submersible use. However, the power plug and adapter are **NOT** waterproof. They must be protected from water exposure. Use a waterproof extension box if necessary for outdoor installations.
- Do not attempt to disassemble or modify the product. This may void the warranty and pose safety risks.
- Keep the product out of reach of children.
- Operate the product within the specified voltage (12 Volts DC).

PACKAGE CONTENTS

Verify that all components are present and undamaged:

- 3 x LED Pond Light Heads
- 1 x Power Adapter (AC/DC)
- 1 x Remote Control (with 1 AAA battery included)
- Instruction Manual (this document)



Image: Overview of the T-SUN F2210-RGB 3-IN-1 LED Pond Light system, showing three light heads, power adapter, and remote control.

PRODUCT FEATURES

- **RGB Color Changing:** Offers 16 distinct colors for diverse lighting effects.
- **Dynamic Lighting Modes:** Includes 4 modes: Jump, Strobe, Gradient, and Smooth Gradual for varied ambiance.
- **Adjustable Light Heads:** Each light head can be adjusted up to 90 degrees to direct illumination.
- **High Brightness:** Each light head contains 6 LED beads, totaling 18 LEDs for bright illumination.
- **IP68 Waterproof:** The light units are fully submersible and suitable for underwater use.
- **Remote Control:** Convenient wireless control for color, mode, brightness, and timer settings.
- **Durable Construction:** Made with a high-quality ABS shell for robust outdoor use.



Image: Key features of the T-SUN LED Pond Lights, highlighting waterproof rating, remote control, and various lighting modes.



SETUP AND INSTALLATION

1. **Placement:** Position the LED light heads in your desired location within the pond, pool, aquarium, or garden. The adjustable heads allow for precise light direction.
2. **Cable Management:** Route the cables from the light heads to the power adapter. Ensure cables are not pinched or damaged.
3. **Power Connection:** Connect the light cables to the power adapter. Plug the power adapter into a suitable electrical outlet. **Important:** The power adapter and plug are not waterproof and must be kept dry. Use a waterproof enclosure for outdoor use.
4. **Remote Control Activation:** Before first use, open the battery compartment of the remote control and remove the white isolating strip. The remote control requires 1 AAA battery (included).

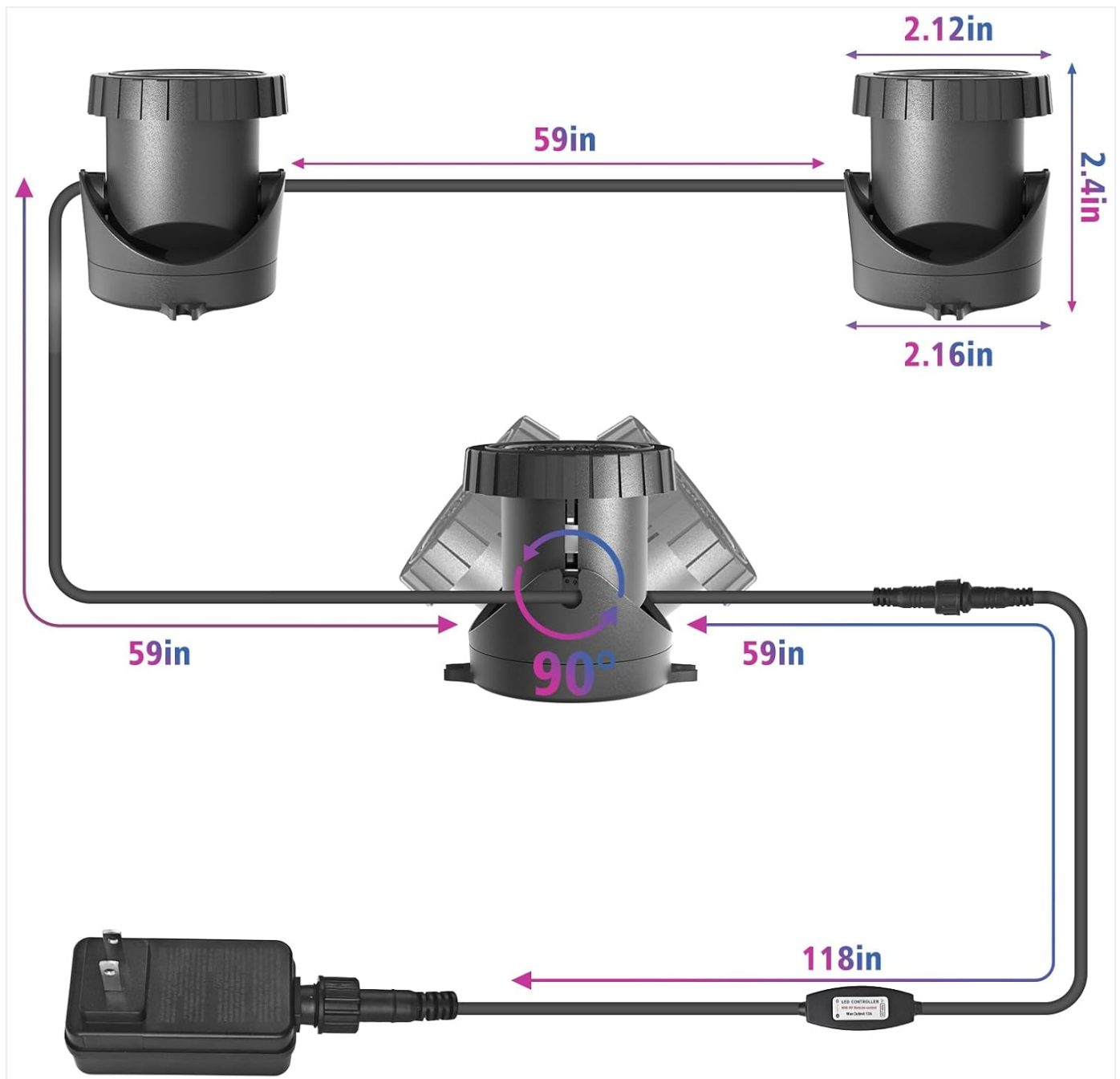


Image: Dimensional diagram illustrating the light head size, cable lengths, and 90-degree adjustment capability.



Image: Remote control detail, indicating the battery isolation strip removal and initial activation steps.

OPERATION

Remote Control Functions:

The included remote control allows full command over the light's functions. Ensure the remote is pointed towards the light receiver for optimal response.



Image: Layout of the remote control, detailing each button's function.

- **ON/OFF:** Press the **ON** button to turn the lights on, and **OFF** to turn them off.
- **Initial Activation:** For the very first use, after removing the battery strip, you need to press the **Strobe**" and **"Fade"** buttons simultaneously to activate the remote control. The indicator light on the remote will turn red.
- **Brightness/Speed (+/-):** Adjust the brightness of static colors or the speed of dynamic modes.
- **Color Selection:** Choose from 16 static colors using the dedicated color buttons.
- **Dynamic Modes:**
 - **FLASH:** Cycles through colors with quick transitions.
 - **STROBE:** Flashes a single color.
 - **FADE:** Smoothly transitions between colors.
 - **SMOOTH:** Gradually changes colors.
- **Time Setting:** Use the 2H, 4H, 6H buttons to set a timer for the lights to turn off after 2, 4, or 6 hours respectively. Press TIME OFF to cancel the timer.



Image: Visual representation of the 16 available static colors.

MAINTENANCE

- **Cleaning:** Periodically clean the light heads to remove algae, dirt, or debris that may accumulate and obstruct light output. Use a soft cloth and mild detergent if necessary. Ensure the power is disconnected before cleaning.
- **Cable Inspection:** Regularly inspect the power cables and connections for any signs of wear, cuts, or damage. Replace damaged components immediately to prevent electrical hazards.
- **Remote Control Battery:** If the remote control's range or responsiveness decreases, replace the AAA battery.
- **Winterization (if applicable):** In freezing climates, consider removing the lights from water bodies during winter to prevent damage from ice expansion, especially if the water body freezes solid.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the adapter. Remote control not activated. Remote control battery depleted. Loose connection.	Check power outlet and adapter connection. Press "Strobe" and "Fade" buttons simultaneously on the remote for initial activation. Replace the AAA battery in the remote control. Ensure all cables are securely connected.

Problem	Possible Cause	Solution
Remote control not responding.	Battery depleted or not activated. Obstruction between remote and lights. Remote out of range.	Replace battery or perform initial activation. Ensure a clear line of sight to the light receiver. Move closer to the lights.
Lights flicker or malfunction.	Water ingress into non-waterproof components (e.g., adapter). Damaged cable or light unit.	Immediately disconnect power. Inspect adapter and plug for water. Ensure they are in a dry, protected location. Inspect cables and light units for physical damage. Contact customer support if damage is found.

SPECIFICATIONS

Model Number	TS-F2210
Configuration	F2210-RGB 3-IN-1 (3 Light Heads)
Brand	T-SUN
Light Source Type	LED
Number of Light Sources	3 (each with 6 LED beads)
Color	RGB (16 colors)
Wattage	3 Watts
Voltage	12 Volts (DC)
Power Source	AC/DC Adapter
Control Method	Remote Control
Waterproof Rating	IP68 (for light heads)
Material	Plastic (Acrylonitrile Butadiene Styrene)
Product Dimensions	8.6"L x 7"W x 3.94"H (overall package)
Item Weight	1.59 pounds
Batteries	1 AAA battery required for remote (included)

WARRANTY AND SUPPORT

T-SUN products are designed for quality and reliability. For warranty information, technical support, or assistance with your product, please refer to the contact information provided with your purchase or visit the official T-SUN website. Please retain your proof of purchase for warranty claims.

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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.

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