

T-SUN TS-F2220

T-SUN TS-F2220 Colored LED Pond Light Instruction Manual

Model: TS-F2220

INTRODUCTION

Thank you for choosing the T-SUN TS-F2220 Colored LED Pond Light. This manual provides essential information for the safe and efficient operation of your new pond light. Please read it thoroughly before installation and use, and retain it for future reference.

The T-SUN TS-F2220 is designed to illuminate your outdoor water features and landscapes with vibrant, customizable lighting. Featuring Bluetooth APP and remote control, IP68 waterproofing, and a low 5V output, it offers versatility and safety for various applications.

PRODUCT OVERVIEW

Components

- T-SUN TS-F2220 LED Pond Light (Set of 1)
- Power Adapter
- Remote Control
- Mounting Hardware (e.g., suction cups, weights)
- Instruction Manual (this document)

Key Features

- **RGB LED Illumination:** Equipped with 6 super-bright LED beads for broad and vibrant light output.
- **180° Adjustable Light Head:** Allows for precise light direction.
- **Bluetooth APP Control:** Access to 16 million colors, diverse scene modes, and individual lamp bead control via the 'Surplife' app.
- **Remote Control:** Convenient control options for color, brightness, and modes.
- **IP68 Waterproof Rating:** Fully submersible and dust-proof for reliable outdoor and underwater use.
- **Safe Low Voltage (5V):** Ensures safety for aquatic life and users.
- **2-in-1 Installation:** Can be submerged with integrated weights or used as a landscape light on the ground.
- **Timing and Memory Function:** Schedule on/off times and retain preferred settings.
- **Music Sync:** Synchronize light effects with music.



Image: Overview of the T-SUN TS-F2220 LED Pond Light, showing the light unit, power adapter, remote control, smartphone app interface, and examples of the light used in a garden and a pond with a fountain.



Image: Detailed view highlighting key features such as ultra-bright LED beads, super suction disk for mounting, safe 5V output, remote and app control, and the 9.84ft cable length.

Safety Information

- Always ensure the power adapter and all connections remain dry and are not submerged in water. The light unit

itself is IP68 waterproof, but the power connection is not.

- Use only the provided power adapter. Using an incompatible adapter may damage the product or pose a safety risk.
- Do not attempt to open or modify the light unit or power adapter. This will void the warranty and could lead to electric shock.
- Keep the product out of reach of children and pets.
- Disconnect power before performing any maintenance or installation.
- If any damage is observed, discontinue use immediately and contact customer support.
- For outdoor use, it is recommended to place the power connection in a waterproof junction box to prevent short circuits.

SETUP

Physical Installation

1. **Choose Location:** Determine the desired location for your pond light, whether submerged in a pond, fountain, or used as a landscape spotlight on the ground.
2. **Mounting:**
 - **For Submerged Use:** Attach the integrated weights (if applicable) or use the powerful suction cups to secure the light to the bottom or side of your pond/aquarium. Ensure the light is stable and will not float or shift.
 - **For Landscape Use:** The light can be placed on a flat surface. The 180° adjustable head allows you to direct the light as needed.
3. **Connect Power:** Connect the light unit to the power adapter. Ensure the connection is secure.
4. **Power Source:** Plug the power adapter into a suitable outdoor-rated power outlet. Remember to keep the power adapter and connections away from water.



Image: Examples of the T-SUN TS-F2220 LED Pond Light illuminating different water features and garden areas, demonstrating its versatility.

Bluetooth APP Setup (Surplife App)

1. **Download App:** Search for "Surplife" in the App Store (iOS) or Google Play Store (Android) and download the application.
2. **Enable Bluetooth:** Ensure Bluetooth is enabled on your smartphone.
3. **Power Up Light:** Plug in your T-SUN pond light to power it on.
4. **Add Device:** Open the Surplife app. In the "My Home" section, tap the "+" icon to add a new device. The app will automatically search for nearby Bluetooth devices.
5. **Connect:** Select your T-SUN light from the discovered devices (e.g., "Backyard Pond").
6. **Name & Save:** Give your light a custom name for easy identification and save the settings.
7. **Quick Access (Optional):** You can use the app without an account for quick access, but registering an account will save your settings and preferences.

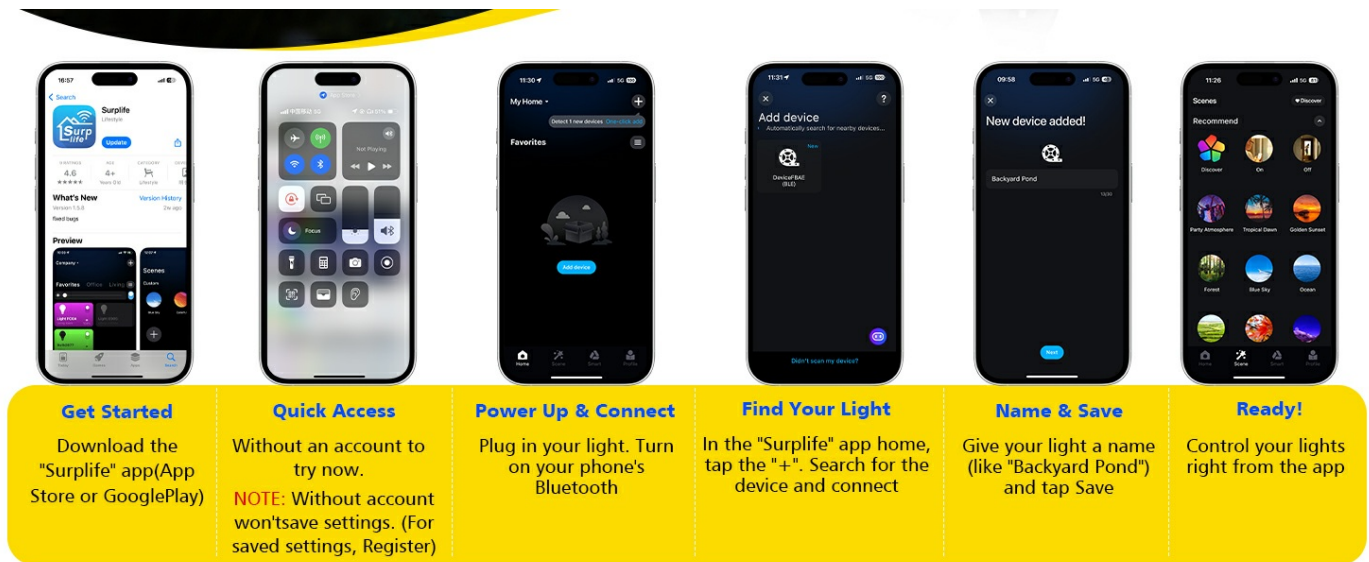


Image: Step-by-step guide for setting up the T-SUN LED Pond Light using the Surplife Bluetooth application, from download to device control.

OPERATING INSTRUCTIONS

Using the Bluetooth APP (Surplife)

- **Color Selection:** Choose from 16 million colors using the color wheel or predefined color palettes.
- **Brightness Adjustment:** Adjust the light intensity from 1% to 100% dimming.
- **Scene Modes:** Select from various pre-programmed scene modes (e.g., Party, Relax, Dynamic) to suit different moods or occasions.
- **DIY Color Mode:** Utilize the 'Scribble' module to set individual colors for each LED bead, creating unique lighting patterns.
- **Timing Control:** Set schedules for the light to turn on and off automatically at specific times. The app retains these settings.
- **Music Sync:** Enable music synchronization to have the lights change color and intensity in rhythm with your music.

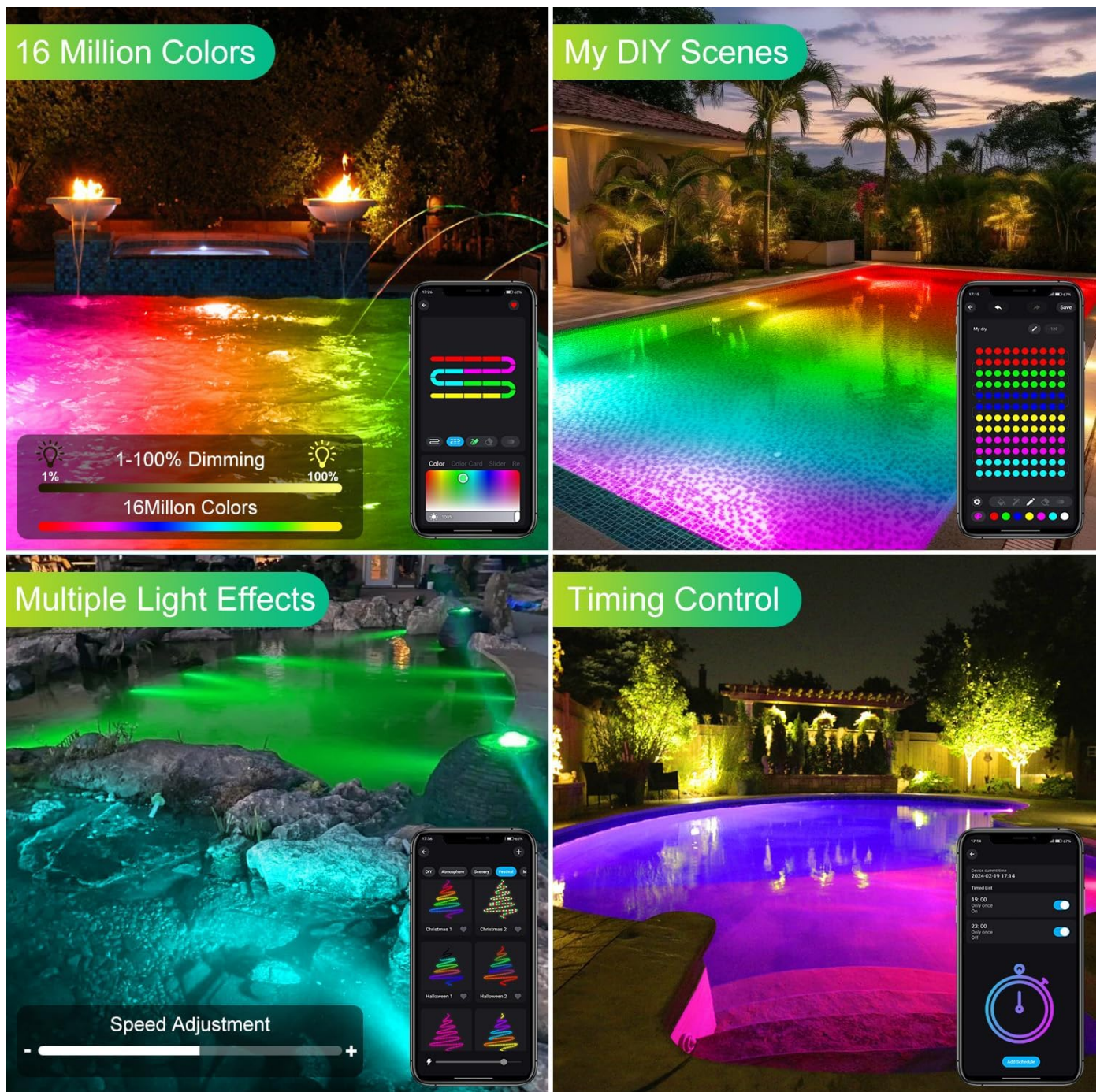


Image: Screenshots of the Surplife app demonstrating features like 16 million color options, custom DIY scenes, various light effects, and scheduling capabilities.



Image: The DIY Color Mode interface within the Surplife app, allowing users to customize individual LED colors, shown with a vibrant pond and waterfall background.



Image: The Music Sync and Microphone Sync feature of the Surplife app, illustrating how lights can react to music, set against a lively pool party scene.



Image: The Timing & Memory Function interface of the Surplife app, demonstrating how to set schedules for the light, with an aquarium background.

Using the Remote Control

The included remote control provides quick access to common functions:

- **Power On/Off:** Turn the light on or off.
- **Color Selection:** Select from a range of preset colors.
- **Brightness Adjustment:** Increase or decrease light brightness.
- **Mode Selection:** Cycle through various dynamic lighting modes.
- **Timer:** Activate basic timer functions (if available on remote).

Ensure the remote control has working batteries (if applicable) and is pointed towards the light's receiver for optimal operation.

MAINTENANCE

- **Cleaning:** Periodically clean the light unit with a soft, damp cloth to remove any algae, dirt, or mineral deposits. Do not use abrasive cleaners or solvents.
- **Power Connection:** Regularly inspect the power adapter and cable for any signs of wear, damage, or water ingress. Ensure all connections remain dry.
- **Suction Cups:** If using suction cups for mounting, periodically check their adhesion and clean them if necessary to ensure a secure hold.
- **Storage:** If storing the light for an extended period, disconnect it from power, clean it thoroughly, and store it in a dry, cool place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose connection. Remote control battery depleted. Product malfunction.	Check if the power adapter is securely plugged into a working outlet. Ensure all cable connections are tight. Replace the remote control battery. Contact customer support.
Remote control not working.	Battery depleted or incorrectly inserted. Obstruction between remote and light. Out of range.	Replace battery, ensuring correct polarity. Remove any obstructions. Move closer to the light unit.
Bluetooth APP cannot connect.	Bluetooth not enabled on phone. Light not powered on. App permissions not granted. Too far from the light.	Enable Bluetooth on your smartphone. Ensure the light is plugged in and powered. Check app permissions in your phone settings. Move closer to the light unit.
Light color/mode not changing.	Incorrect command sent. Interference.	Ensure you are selecting the desired color/mode correctly in the app or on the remote. Try restarting the light and reconnecting.

SPECIFICATIONS

Feature	Detail
Model Name	TS-F2220
Brand	T-SUN
Color	Multicolor (RGB)
Material	Acrylonitrile Butadiene Styrene, Polycarbonate
Light Fixture Form	Spotlight

Feature	Detail
Product Dimensions	2.76"L x 2.76"W x 2.36"H
Item Weight	12.3 ounces
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	Corded Electric
Voltage	5 Volts (Low Voltage)
Water Resistance Level	IP68 Waterproof
Light Source Type	LED (6 beads)
Control Method	App (Bluetooth), Remote Control
Special Features	Adjustable Color Temperature, Color Changing, Dimmable, Low Voltage, Timer
Mounting Type	Underwater/Ground Mount
Assembly Required	Yes
Batteries Required	Yes (for remote control)

WARRANTY AND SUPPORT

Warranty Information

The T-SUN TS-F2220 Colored LED Pond Light comes with an**Extended Warranty**. For specific details regarding the warranty period, coverage, and terms, please refer to the product packaging or contact T-SUN customer support directly.

Customer Support

If you encounter any issues, have questions about installation or operation, or require technical assistance, please contact T-SUN customer support. Contact information can typically be found on the product packaging, the official T-SUN website, or through your point of purchase.

When contacting support, please have your product model number (TS-F2220) and purchase information readily available.

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

Answered questions about this manual

The included remote control for my T-SUN TS-F2220 Colored LED Pond Light does not work. The battery is fine and the transmit red LED flashes when I press a button, but there is no action with the lights. How can I link or troubleshoot the remote control?

If your T-SUN TS-F2220 remote control is flashing its red LED but the lights are not responding, please try the following troubleshooting steps: Check for Obstructions: Ensure there is a clear line of sight between...

[Read full answer](#)