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T-SUNUS TS-F2210

T-SUNUS Color Changing Bluetooth APP LED Pond Lights

Model: TS-F2210

Introduction

This instruction manual provides detailed guidance for the installation, operation, and maintenance of your T-SUNUS Color Changing Bluetooth APP LED Pond Lights. Designed for versatility, these IP68 waterproof submersible spotlights are ideal for enhancing the aesthetics of fountains, ponds, waterfalls, and aquariums. Please read this manual thoroughly before use to ensure proper function and longevity of your product.



Figure 1: Overview of the T-SUNUS LED Pond Lights system, including the lights, power supply, remote, and app control.

Safety Information

- Ensure the power adapter is connected to a grounded outlet and is protected from water exposure. The adapter itself is not waterproof.
- Do not attempt to open or modify the light units or power adapter. This may void the warranty and pose a safety risk.
- Always disconnect power before performing any installation, maintenance, or cleaning.
- Keep the product out of reach of children and pets.
- Operate the lights within the specified voltage (DC 5V) to prevent damage.
- Avoid direct eye exposure to the LED light source.

Package Contents

Verify that all components are present and in good condition upon opening the package:

- T-SUNUS LED Pond Lights (2 units)
- DC 5V Power Adapter
- Remote Control (1 AAAA battery included)
- User Manual (this document)
- Mounting Bases and Adjustable Brackets

Specifications

Feature	Specification
Brand	T-SUNUS
Model Number	TS-F2210
Color	RGB-2 lamp (Multicolor)
Material	Plastic
Light Source Type	LED
Voltage	5 Volts (DC)
Brightness	900 lumen
Waterproof Rating	IP68 (lights only, adapter is not waterproof)
Product Dimensions	1"L x 1"W x 1"H (each light)
Item Weight	1 pound (total package)
Cable Length (between lights)	120cm / 47in
Cable Length (adapter to first light)	300cm / 118in
Control Method	Bluetooth APP, Remote Control

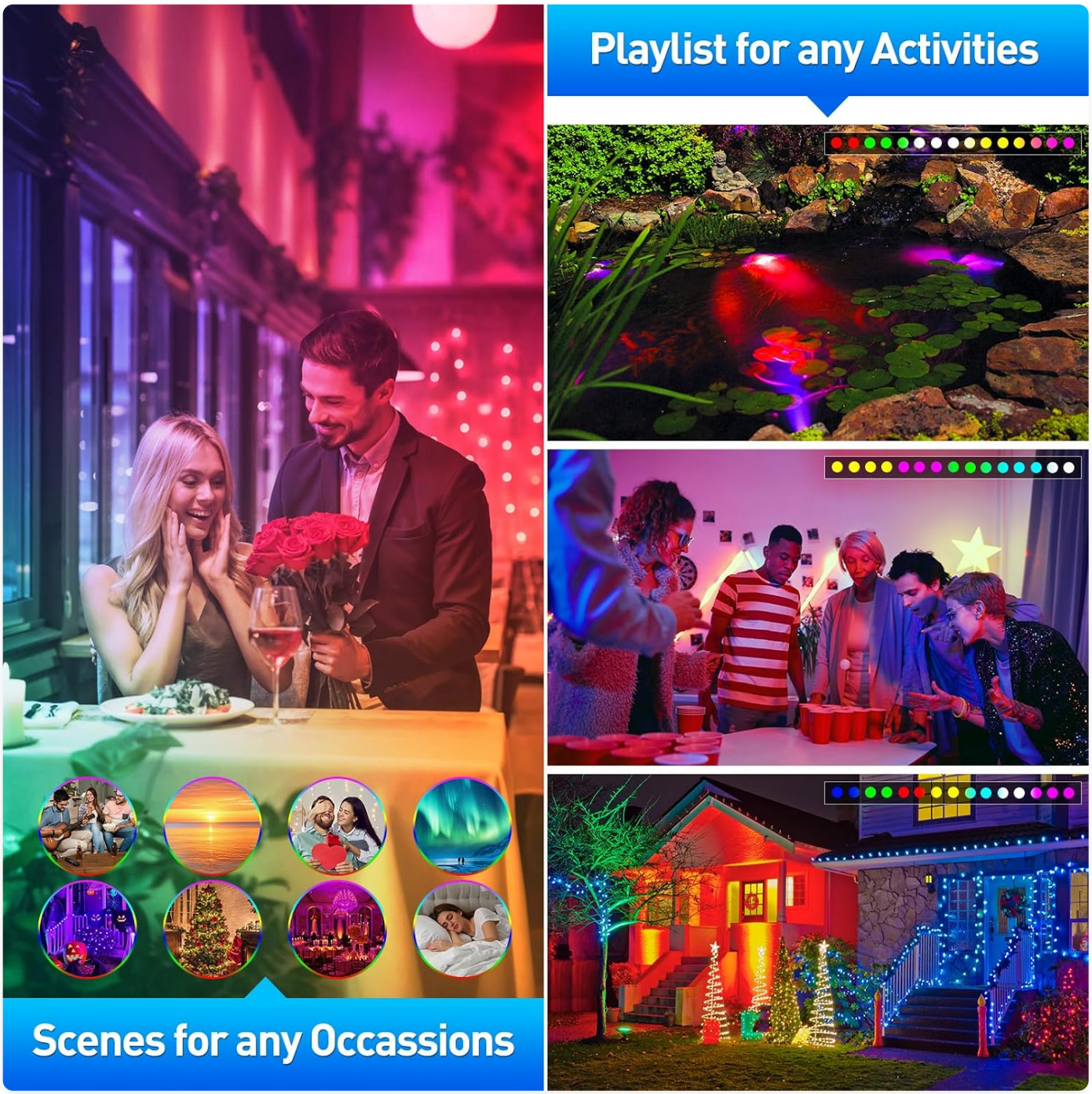


Figure 2: Detailed view of light unit features and dimensions.

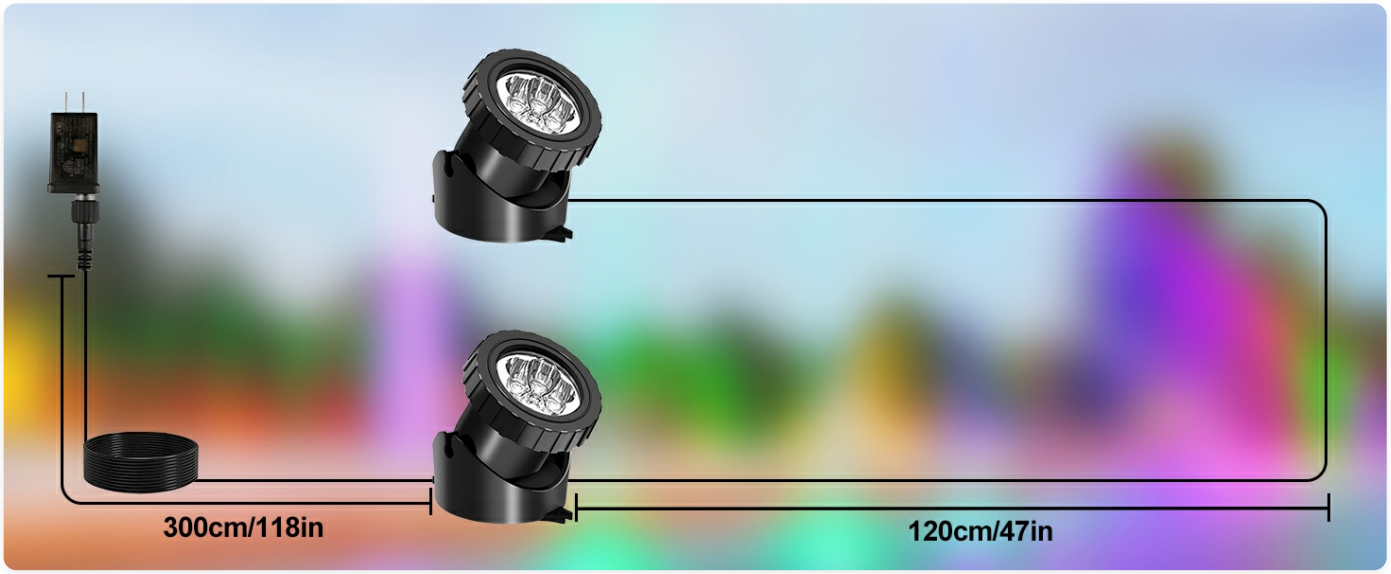


Figure 3: Cable length specifications for installation.

Setup and Installation

The T-SUNUS LED Pond Lights offer flexible 2-in-1 installation options:

1. **Choose Location:** Decide whether to use the lights as underwater submersible spotlights or as ground/wall-mounted landscape lighting.
2. **Mounting:**
    - For underwater use: Place the lights directly into your pond, fountain, or aquarium. The IP68 rating ensures continuous submersion.
    - For landscape use: Attach the lights to the included bases and adjustable brackets. Position them on the ground or mount them on a wall to illuminate desired areas. The 90° adjustable heads allow for precise light direction.
3. **Connect Lights:** The lights are connected via a daisy-chain design. Ensure the connectors are securely fastened.
4. **Power Connection:** Connect the power adapter to the light system. Plug the DC 5V adapter into a suitable outdoor-rated, grounded power outlet. Ensure the adapter is placed in a dry location, as it is not waterproof.
5. **Initial Power On:** Once connected, the lights should illuminate. You can then proceed to control them via the remote or the Bluetooth APP.



Figure 4: Examples of underwater and landscape installation.

Operating Instructions

Bluetooth APP Control

The primary method for controlling your T-SUNUS LED Pond Lights is through the dedicated Bluetooth APP. This app offers extensive customization options.

1. **Download APP:** Search for "Symphony Controller" or similar (refer to product packaging for exact app name) on the App Store (iOS) or Google Play Store (Android) and install it on your smartphone.
2. **Connect via Bluetooth:** Ensure Bluetooth is enabled on your device. Open the app; it should automatically detect and connect to your lights. No Wi-Fi or registration is required.
3. **Color & Brightness Adjustment:** Use the app's color picker or slider to select from 16 million colors and adjust brightness from 0-100%.
4. **Dynamic Modes:** Explore 20 dynamic modes, including DIY Flash and DIY Fade, to create various lighting effects.

5. **Music Sync:** The app allows the lights to sync with music beats, offering dynamic or soft transitions. This feature is ideal for parties or creating an immersive atmosphere.
6. **Smart Timing:** Program daily schedules for the lights to automatically turn on/off or activate specific colors/modes at set times.
7. **DIY Scenes:** Customize and save your favorite lighting scenes for instant recall.
8. **Voice Control:** The system supports voice service via Alexa, Google Assistant, and Mi AI for convenient control (requires compatible smart home hub/device).

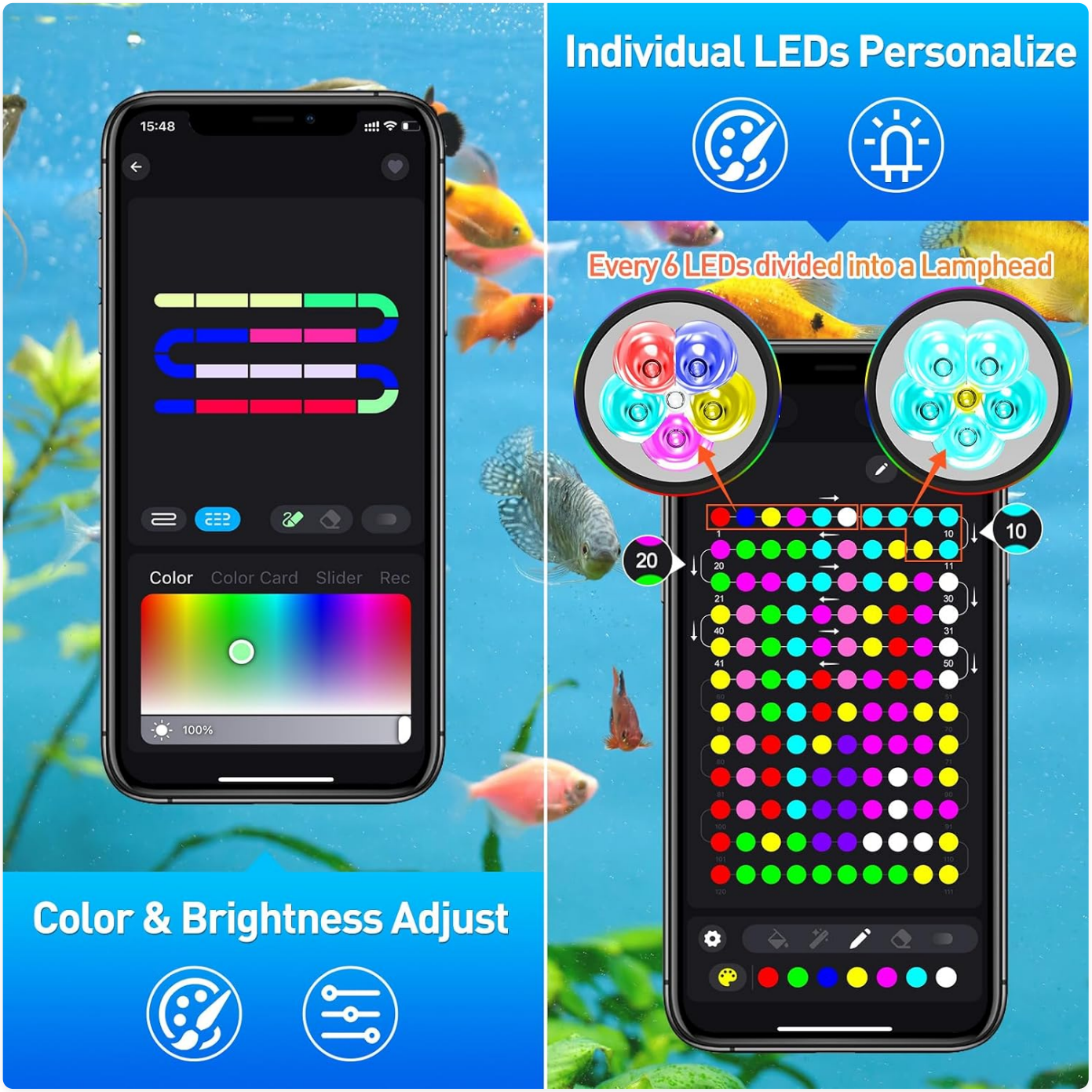


Figure 5: App interface for color and brightness control.



Figure 6: App interface for selecting and customizing scenes.

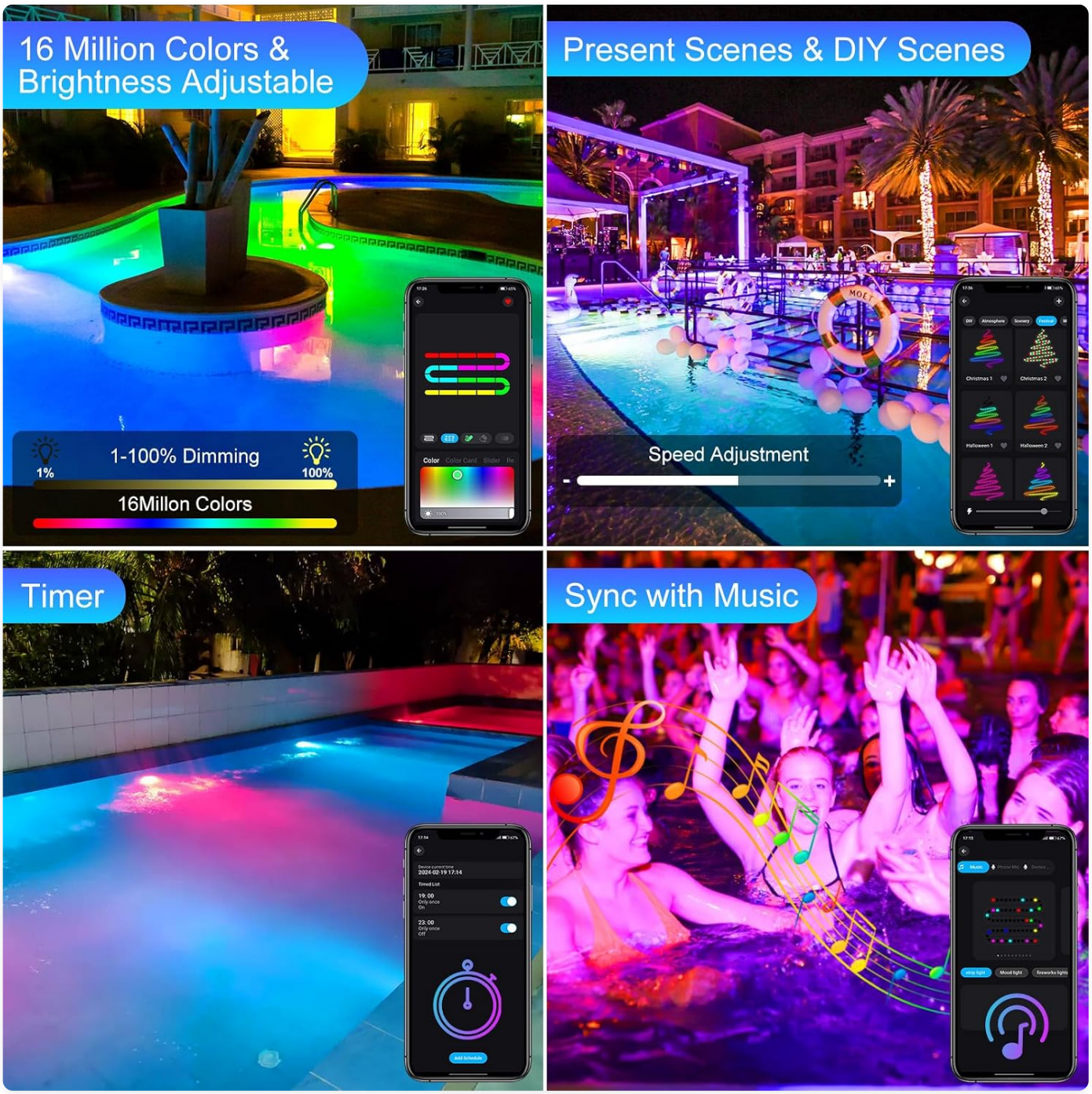


Figure 7: Music and microphone rhythm synchronization.

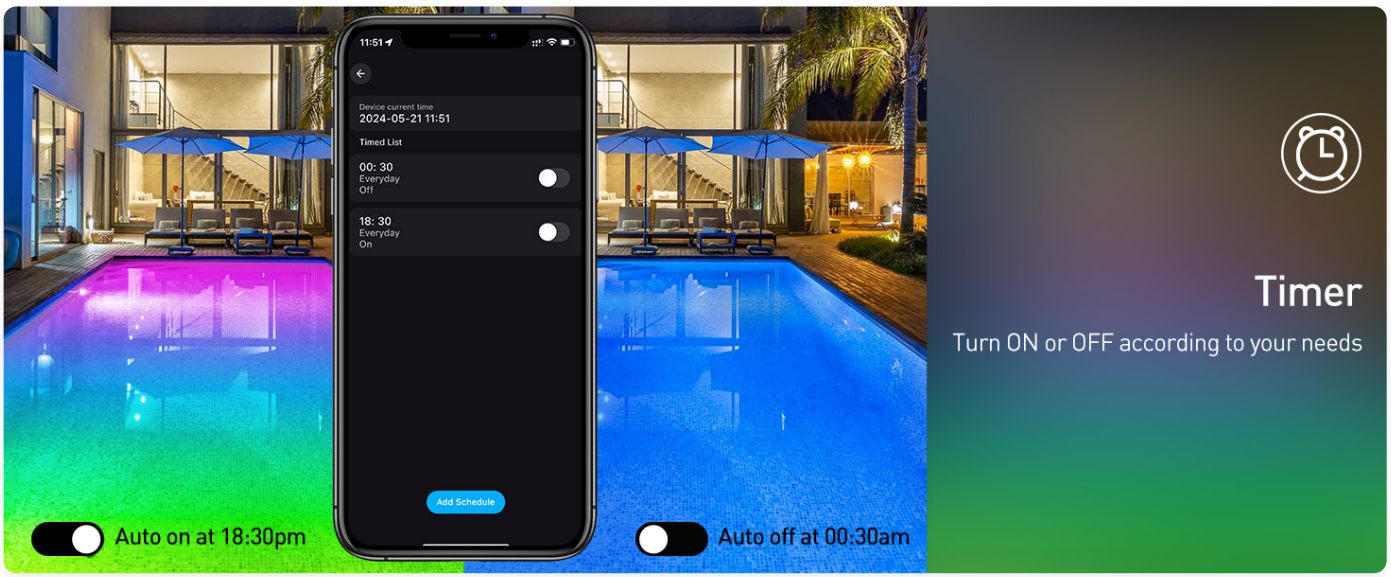


Figure 8: App timer function for automated operation.

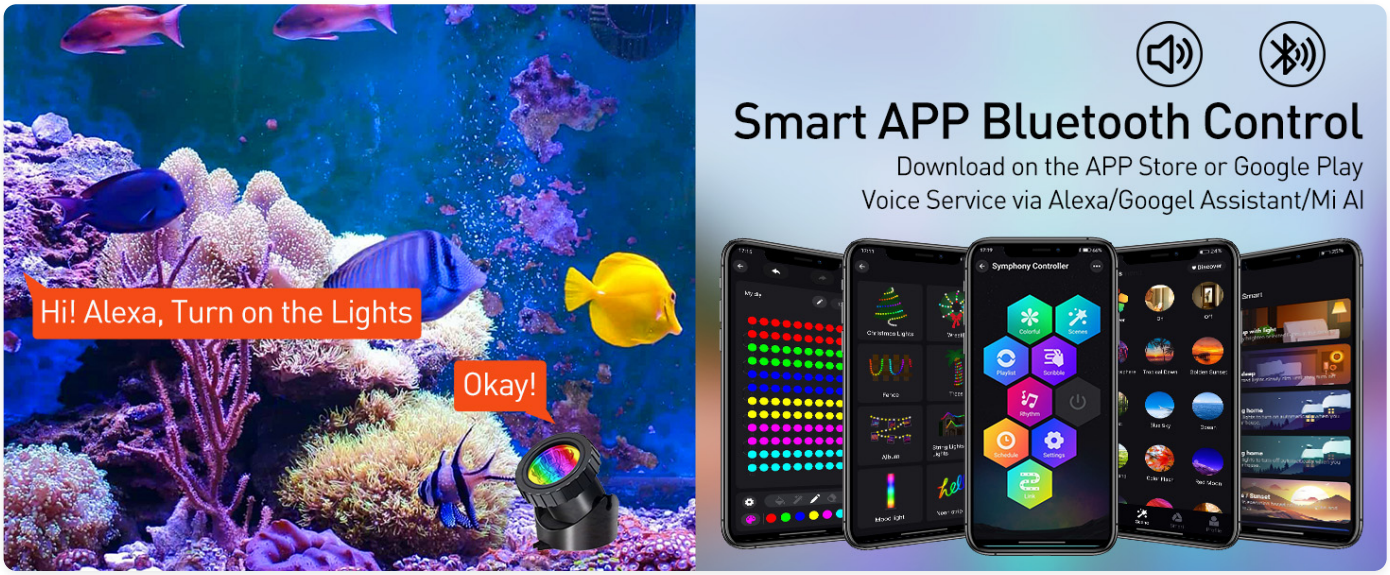


Figure 9: Smart APP Bluetooth Control with voice service integration.

Remote Control

A remote control is included for quick and easy adjustments within a 130ft range.



Figure 10: Remote control functions.

- **ON/OFF:** Power the lights on or off.
- **Brightness Adjustment:** Increase or decrease light intensity.
- **Color Selection:** Cycle through static colors or select specific color modes.
- **Mode Selection:** Choose from various dynamic lighting modes.
- **Timing:** Set basic timing functions like 30-minute or 11-hour delay off.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your T-SUNUS LED Pond Lights.

- **Cleaning:** Periodically clean the light units to remove any algae, dirt, or debris that may accumulate, especially if used underwater. Use a soft cloth and mild soap solution. Ensure power is disconnected before cleaning.
- **Inspection:** Regularly inspect the cables and connections for any signs of wear, damage, or corrosion. Replace any

damaged components immediately.

- **Adapter Protection:** Always ensure the power adapter remains in a dry, protected area, as it is not waterproof.
- **Storage:** If storing the lights for an extended period, clean them thoroughly, disconnect from power, and store in a cool, dry place.

Troubleshooting

If you encounter issues with your T-SUNUS LED Pond Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty adapter.	Check power outlet. Ensure all cables are securely connected. Verify adapter is functioning.
Lights flicker or change colors erratically.	Unstable power, loose connection, interference, app/remote conflict.	Check power supply. Secure connections. Minimize interference from other Bluetooth devices. If using both app and remote, ensure they are not conflicting; try controlling solely with one method.
Bluetooth APP cannot connect to lights.	Bluetooth off, app not open, lights out of range, app glitch.	Ensure Bluetooth is enabled on your device. Restart the app. Move closer to the lights (within 130ft). Restart the lights by unplugging and replugging the adapter. If issues persist, try reinstalling the app.
Remote control not working.	Battery dead, out of range, signal obstruction.	Replace the AAAA battery in the remote. Ensure you are within the 130ft range. Remove any obstructions between the remote and the lights.
Lights stopped working after rain/water exposure.	Adapter exposed to water, damaged cable/light unit.	Immediately disconnect power. Inspect the adapter for water ingress; if wet, it may be damaged. Ensure the adapter is always in a dry location. While the lights are IP68, severe impact or prolonged exposure to harsh conditions can cause damage.
App settings revert or lights behave unexpectedly.	App configuration issue, multiple control methods conflicting.	As noted by some users, if you have multiple T-SUNUS systems or switch between app and remote frequently, settings might reset. In the app, navigate to settings and re-verify the light type and number of LEDs/heads. Try to stick to one primary control method (app or remote) to avoid conflicts.

Warranty and Support

T-SUNUS products are manufactured with quality and durability in mind. For specific warranty details, please refer to the warranty card included with your purchase or contact T-SUNUS customer support directly.
If you require further assistance or have questions not covered in this manual, please contact T-SUNUS customer support through the retailer's platform or the official T-SUNUS website. Please have your model number (TS-F2210) and purchase date ready when contacting support.

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