

LEDAANAM RC1-RC4, SP63AE

LEDAANAM RC1-RC4 Wall Mount Touch LED Remote Control and SP63AE SPI RGBCCT LED Controller User Manual

Model: RC1-RC4, SP63AE | Brand: LEDAANAM

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your LEDAANAM RC1-RC4 Wall Mount Touch LED Remote Control and SP63AE SPI RGBCCT LED Controller. Please read this manual thoroughly before use to ensure proper functionality and safety.

PRODUCT OVERVIEW

The LEDAANAM RC1-RC4 is a wall-mounted touch remote control designed to work seamlessly with the SP63AE SPI RGBCCT LED Controller. This system allows for intuitive control over various LED lighting setups, offering a full spectrum of colors, brightness adjustments, and dynamic lighting modes.



This image displays both the SP63AE LED Controller (left) and the RC1-RC4 Wall Mount Touch LED Remote Control (right). The controller features input/output terminals for power and LED strip connection, along with a power button. The remote has a touch-sensitive color wheel for color selection, dedicated buttons for brightness adjustment, mode selection, speed control, and four programmable scene buttons (1-4).

SPECIFICATIONS

Product Type	RGB Controller (SPI RGB CCT LED Controller)
Model Numbers	RC1-RC4 (Remote), SP63AE (Controller)
Input Voltage (Controller)	DC 5-24V
Output Signal (Controller)	SPI
Remote Control Voltage	3V
Remote Control Distance	Up to 30 meters
Control Method	Full Touch Screen (Remote)
Applicable Lamps	Compatible with SP63*E series controllers
Working Temperature	-10°C to 60°C
IC Count (Controller)	300
Material	ABS Plastic

SETUP

- Power Connection:** Connect the DC 5-24V power supply to the VCC and GND terminals on the SP63AE controller. Ensure correct polarity.

2. **LED Strip Connection:** Connect your compatible SPI LED strip to the VCC, DAT, DAT, and GND terminals on the SP63AE controller. Refer to your LED strip's documentation for specific wiring requirements. The controller supports up to 300 ICs.
3. **Remote Control Battery:** Ensure the RC1-RC4 remote control has a functional 3V battery installed.
4. **Mounting (Optional):** The RC1-RC4 remote is designed for wall mounting. Secure it in a convenient location using appropriate fasteners (not included).
5. **Initial Power On:** Press the power button on the SP63AE controller to turn it on. The LED strip should illuminate.

Note: The RC1-RC4 remote control is typically pre-paired with the SP63AE controller. If pairing issues occur, consult the manufacturer's website for specific pairing instructions.

OPERATING INSTRUCTIONS

The RC1-RC4 remote control provides intuitive touch-based control over your LED lighting system.

- **Power On/Off:** Press the **OFF** button to turn off the lights or the **ON** button to turn them on.
- **Brightness Adjustment:** Use the brightness slider located above the color wheel to increase or decrease the light intensity.
- **Color Selection:** Touch the color wheel to select your desired static color. The central refresh icon can be used to reset or cycle through colors.
- **Mode Selection:** Press the **MODE** button to cycle through various dynamic lighting effects and patterns.
- **Speed Adjustment:** Press the **SPEED** button to adjust the speed of the selected dynamic lighting mode.
- **All Control:** The **ALL** button may be used to select all connected lights or a global setting.
- **Music Mode:** The **MUSIC** button activates sound-reactive lighting modes (if supported by the controller and LED strip).
- **Scene Buttons (1-4):** These buttons allow you to save and recall your favorite lighting settings or pre-programmed scenes. Consult the controller's specific documentation for saving procedures.

MAINTENANCE

- **Cleaning:** Gently wipe the surfaces of the controller and remote with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** If the remote control's responsiveness decreases, replace the 3V battery. Refer to the remote's casing for battery type and replacement instructions.
- **Environmental Conditions:** Operate the device within the specified working temperature range of -10°C to 60°C. Avoid exposure to extreme temperatures, humidity, or direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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LEDs do not light up.	No power to controller, incorrect wiring, faulty LED strip.	Check power supply connection and polarity. Verify LED strip wiring. Test with a known working LED strip.
Remote control unresponsive.	Low battery, remote out of range, interference, unpaired remote.	Replace remote battery. Ensure remote is within 30 meters of the controller. Reduce potential interference. Re-pair remote if necessary (refer to manufacturer's instructions).
Incorrect colors or flickering.	Incorrect LED strip type selected (if applicable), wiring issues, faulty LED strip.	Ensure the controller is configured for your specific SPI LED strip type. Check all wiring connections.

WARRANTY INFORMATION

LEDAANAM products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation included with your purchase or visit the official LEDAANAM website.

CUSTOMER SUPPORT

If you encounter any issues or have questions not covered in this manual, please contact LEDAANAM customer support. You can typically find contact information on the product packaging, the official LEDAANAM website, or through your retailer.

When contacting support, please have your product model (RC1-RC4, SP63AE) and purchase details ready.