Panel 1 (Cover)

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LED RGB Light Strip User Guide

Manual Version: NTS51/NTS101-RGB/ V1.1

Panel 1 — Contact Us

English — Smart inside, splendid outside

Contact Us

Have some issue? No worries! Please reach us via these channels.
Our customer services team is more than happy to help.

✉ support@novostella.net

🏠 www.novostella.net

🔍 We are social. Get connected!

🐦 @Novostella_US   📷 @novostella_official   🎵 @novostella_official

f fb.com/novostella.fans   📌 @Novostella_official

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Panel 2

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LED RGB Light Strip User Guide

THANK YOU for choosing Novostella. To optimize user experience, please use the product according to the following instructions.

⚠ **Warning**

(1) READ AND FOLLOW ALL SAFETY INSTRUCTIONS.
(2) This light strip is designed to match the power adapter output, so the strip length CAN NOT not be extended according to the power limitation.
(3) Do not cover this product as the covering may cause the flexible light to overheat and melt or ignite.
(4) Do not operate with the flexible light tightly coiled.
(5) Do not route the cord or flexible lighting through walls, doors, windows or any like part of the building structure.
(6) Do not use if there is any damage to the light or cord insulation. Inspect periodically.
(7) Do not submerge flexible light in liquids, or use the product in the vicinity of standing water or other liquids.
(8) Secure this flexible light using only the hangers or clips provided. Do not secure thisproduct or its cord with staples, nails, or like means that may damage the insulation or permanently attach to the building structure.
(9) Do not subject flexible lighting to continuous flexing.
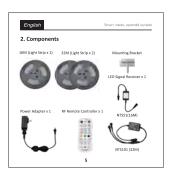
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Panel 3

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1. Specification

Model Number	NTS51-RGB
Wattage	2.3W /m
Total Length	52.5ft/16m
Color	RGB
LED Quantity	480 LEDs
LED Type	5050
Input voltage(power adapter)	100-240V AC
Frequency(power adapter)	50/60Hz
Working Voltage	24V
Working Temperature	-25°C~40°C
Waterproof Rating(suitable for indoor and outdoor use)	Adapter (IPX4) Light Strip (IP65)
Battery Type	CR2025 / CR2032 (for RF remote controller)
Package Includes	Light Strip x 1, RF Remote Controller x 1, Power Adapter x 1, LED Signal Receiver x 1, Mounting Brackets

Power tested at one meter length, when the light length greater or less 1 meter testing, the power are different.

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Panel 4

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Model Number	NTS101-RGB
Wattage	2.3W /m
Total Length	105ft/32m
Color	RGB
LED Quantity	960 LEDs
LED Type	5050
Input voltage(power adapter)	100-240V AC
Frequency(power adapter)	50/60Hz
Working Voltage	24V
Working Temperature	-25°C~40°C
Waterproof Rating(suitable for indoor and outdoor use)	Adapter (IPX4) Light Strip (IP65)
Battery Type	CR2025 / CR2032 (for RF remote controller)
Package Includes	Light Strip x 2, RF Remote Controller x 1, Power Adapter x 1, LED Signal Receiver x 1, Mounting Brackets

Power tested at one meter length, when the light length greater or less 1 meter testing, the power are different.

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2. Components

16M (Light Strip x 1)   32M (Light Strip x 2)   Mounting Bracket

LED Signal Receiver x 1

Power Adapter x 1   RF Remote Controller x 1   NTS51(16M)

NTS101 (32M)

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LED Signal Receiver

Connect to light strip   Connect to power adapter

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Panel 7

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RF Remote Controller

Cycling All Preset Modes

Mode Selection

Speed +/- for Dynamic Modes

Color Selection

Brightness +/-

Timer 1/2/3 hours

Music Mode 1 /2

Remote Lock (to prevent misuse by children)

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Panel 8

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Three Settings
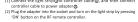
There are three flexible settings for the remote controller(s) to control the light strip(s) as per your lighting project, One-to-One Setting, One-to-Many Setting and Many-to-Many Setting. You can choose either which light strip and how many light strips one controller controls, or which controller and how many controllers control the light strip(s).

① **One-to-One Setting:** One remote controller can only control one light strip. Turn on the remote controller and power on the LED Signal Receiver of the light strip. During the first 5 seconds, immediately long press the bottom left button on the remote controller till the strip light blinks. Then the 'One-to-One Setting' is done. One-to-One Setting is the factory default.

② **One-to-Many Setting:** If you want to control many light strips with one remote controller, you could choose the 'One-to-Many Setting. Turn on the remote controller and power on all LED Signal Receivers of the light strips. During the first 5 seconds, immediately long press the bottom left button on the remote controller till the strip lights blink. Then the 'One-to-Many Setting' is done.

③ **Many-to-Many Setting:** If you have many light strips and remote controllers, and hope that any of the controller can control all the light strips, you could choose the 'Many-to-Many' Setting. Turn on each remote controller and power on its LED Signal Receiver. During the first 5 seconds, immediately long press the bottom right button on the remote controller till the strip light blinks.

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3. Installation

3.1 How to connect all parts?

(1) Connect the light strip ① to controller cable ②, and then connect controller cable to power adapter ③.
(2) Plug the adapter into the socket and turn on the light strip by pressing 'ON' button on the RF remote controller.

On

LED Signal Receiver   Power Adapter

3.2 How to cut the LED strip if necessary?

Before cutting the LED strip, please keep these in mind.
(1) Once the strip is cut, the rest part being cut can not work. So it's not recommended to cut the strip unless it is really necessary.

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(2) After the strip is cut, please use the sealing glue (attached) to seal the end of the strip. Otherwise, the light strip can not retain waterproof and may be damaged while usage.
(3) Cut the strip along the marks.
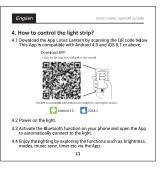
Note:
(1) If the strip can't light up after the installation, please check whether the joints are connected correctly.
(2) Please make sure to turn off the power supply during routine maintenance.
(3) To avoid any damage to the strip, please do not use chemical solvent during routine maintenance.

No stepping   Roll diameter>10CM

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4. How to control the light strip?

4.1 Download the App Lotus Lantern by scanning the QR code below. This App is compatible with Android 4.0 and iOS 8.1 or above.

Download APP
1. Scan the QR code from the hand or user manual.

The APP is compatible with Android 4.0 and iOS 8.1 and higher version.

Android 4.0   iOS 8.1

4.2 Power on the light.
4.3 Activate the Bluetooth function on your phone and open the App to automatically connect to the light.
4.4 Enjoy the lighting by exploring the functions such as brightness, modes, music sync, timer etc via the App.

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Green Blue Cross Fade
Seven color Strobe Flash
Red Strobe Flash

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Panel 13

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Panel 14

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FCC ID: 2AWON-NTS-RF01 (Remote Controller)
FCC ID: 2AWON-NTS-BT01 (Signal Receiver)

Warning

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with theinstructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.
For Signal Receiver:
FCC Radiation Exposure Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

Manufacturer: Shenzhen Ustellar Technology Ltd.
(shen zhen shi you shi tuo ke ji you xian gong si)
Address: C306, 3/F, Building C, Youth Entrepreneur Hub, Jianshe East Road, Qinghua Community, Longhua Street, Longhua District, Shenzhen, CHINA 518000

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Panel (Back Cover)

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