INSIGNIA™

QUICK SETUP GUIDE

16 ft. Full-Color LED Lightstrip

NS-LED16CT22

PACKAGE CONTENTS

- LED lightstrip
- Remote control
- Screws (2)
- RF controller box
- Double-sided tape
- Cable clips (2)
- Quick Setup Guide

⚠ **WARNING**: Unroll before use. Never plug in the LED lights when rolled up, as this can result in product damage or a fire.

Before using your new product, please read these instructions to prevent any damage.

FEATURES

- 16 selectable colors provide accent or ambient lighting
- 16 ft LED lightstrip can be cut to your ideal length
- Self-adhesive back attaches to TVs, cabinets, or other locations for custom lighting
- RF remote gives you full control over your lightstrip from a distance
- Multi-step dimmer adjusts to the brightness level you want
- Strobe and color fade modes create fun lighting effects
- Connects to included USB wall adapter or any USB port

Lightstrip

AC adapter
RF controller box
Controller connector
4-pin connector
Cut line
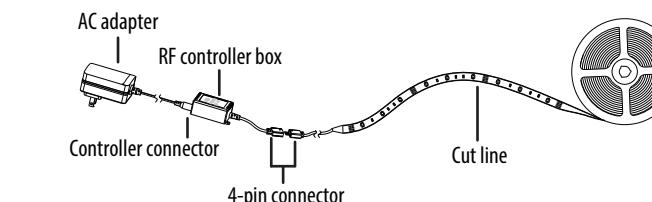
Remote control

Brightness up	Brightness down	Pause/run	On/Off
Red	Green	Blue	White light 100%
Orange	Light green	Light blue	White light 75%
Light orange	Light cyan	Purple	White light 50%
Orange white	Cyan	Light purple	Sunrise
Yellow	Dark cyan	Rose pink	Sunset
Gradual jump with 3 preset colors	Gradual jump with 7 preset colors	Gradual fade with 3 preset colors	Gradual fade with 7 preset colors
Speed up color changing	Slow down color changing	7 colors flash on/off	Auto mode
1-hour sleep timer	2-hour sleep timer	4-hour sleep timer	8-hour sleep timer
Reactive music (classical)	Reactive music (gentle)	Reactive music (dynamic)	Reactive music (disco)

SETTING UP YOUR LIGHTSTRIP

Shortening your lightstrip

1 Decide how long you need your lightstrip to be. When measuring, make sure that you start from the side of the tape that has the controller box connected to it. The part of the tape that you cut off will no longer light up.

2 Locate the nearest cut line, then cut with a pair of scissors. Cut lines are about 3.9 in. (9.9 cm) apart.

WARNING: Do not cut the silver solder markings. Only cut in the center of the copper-colored pads, as shown.

Cut line   Cut line

Cut line
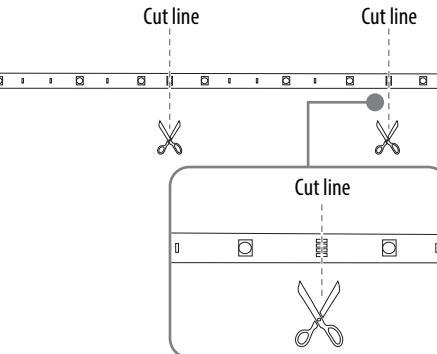
Attaching your lights

CAUTION: To avoid damage to the lightstrip, do not sharply twist or bend the lightstrip 90° or more.

1 Peel the adhesive backing off the lights, then attach the lights where you want them.

2 **Optional:** Attach the double-sided tape to the back of the RF controller box, then attach it where you want it.

OR

Attach the RF controller box to a surface using the two included screws.

Notes:

- Make sure that the lightstrip is unrolled, otherwise it can damage the lightstrip or cause a fire.
- Every surface is different, and additional adhesive may be used if the LED tape detaches from the surface. Small pieces of clear tape can be used.

Connecting to power

1 Connect the AC adapter plug to the controller box.
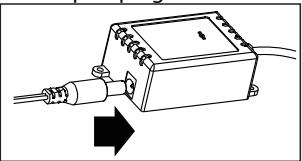
2 Connect the controller box to the lightstrip's 4-pin connector. Make sure that the arrows on the connectors are pointing to each other.

Arrows
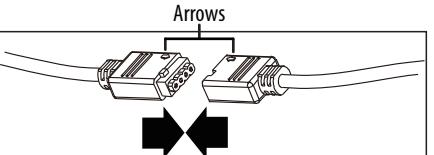
3 Plug the AC adapter into a power outlet.

WARNING: Unroll before use. Never plug in the LED lights when rolled up, as this can result in product damage or a fire.

AC adapter
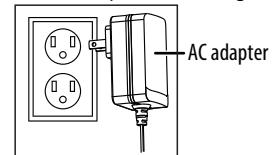
4 Remove the plastic battery-saver tab from the remote control.

REPLACING THE REMOTE CONTROL BATTERY

1 Squeeze the tab and pull out the battery compartment.
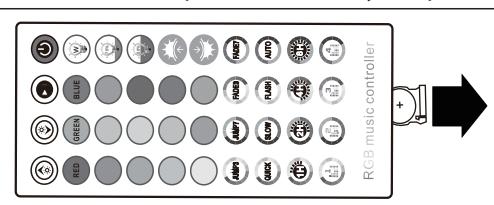
2 Replace with a CR2025 battery, making sure that the + side is facing up.

3 Reinsert the battery compartment.
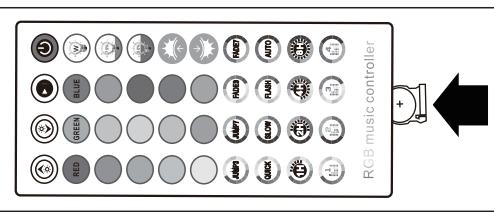
[REVIEWERS: Is there a plastic tab in the battery compartment? Sometimes remotes like this have a plastic tab in there (for protection I assume). If so, it needs to be removed (can cause the remote not to work).]

GW: Yes, there is have plastic tab,it for coin to leakage protection,remove it when you need it to work and insert when it's not work.

USING YOUR LIGHTSTRIP

Aim your remote at the control box to adjust your lightstrip's settings:

- Press ⏻ (power) to turn the lightstrip on or off.
- Press a color button to change the color. There are 16 selectable colors, including white.
- Press ☼ (brightness up) or ☼ (brightness down) to adjust the brightness when using a single color. There are eight brightness levels.
- Press (QUICK) (speed up) or (SLOW) (slow down) to adjust how quickly the lights cycle through colors. There are eight speed levels for the Sunrise/Sunset, Jump 3/Jump 7, Fade 3/Fade 7, and Flash/Auto modes.
- Press a mode button to change a color mode. There are eight modes:
  - **Sleep timer**: Press to schedule the lightstrip to turn off after 1, 2, 4, or 8 hours.
  - **Reactive music**: Lights change based on the preset tempo beat of music. There are four modes (classical, gentle, dynamic, and disco).
  - **Sunrise/Sunset**: Lights cycle from dark to bright (sunrise) or bright to dark (sunset).
  - **Jump 3**: Switch to the next color in the sequence (3 colors).
  - **Jump 7**: Switch to the next color in the sequence (7 colors).
  - **Fade 3**: Fade to the next color in the sequence (3 colors).
  - **Fade 7**: Fade to the next color in the sequence (7 colors).
  - **Flash 7**: From one color flashing off to the next color in the sequence (7 colors).
  - **Auto**: Automatically cycles through five modes (Jump 3, Jump 7, Fade 3, Fade 7, and Flash 7). Each mode is repeated three times, then automatically moves to the next mode.

Adhesive backing

Note: You can secure your lightstrip in place with its adhesive backing or cable clips.
CAUTION: To avoid damage to the lightstrip, do not sharply twist or bend the lightstrip 90° or more.
1 Peel the adhesive backing off the lights, then attach the lights where you want them.
2 Optional: Attach the double-sided tape to the back of the light control, then attach it where you want it.
Notes:
- Make sure that the lightstrip is unrolled, otherwise it can damage the lightstrip or cause a fire.
- Every surface is different, and additional adhesive may be used if the LED tape detaches from the surface. Small pieces of clear tape can be used.

Cable clips

1 Make sure that your mounting location is clean, dry, and free of oils.
2 Remove the adhesive backing on a cable clip, and push it firmly where you want to mount your lightstrip.

Adhesive back — Cable clip
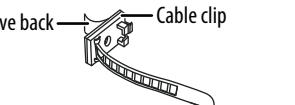
3 Align the lightstrip with the cable clip.

Wire

4 Slide the cable clip through the buckle and pull to tighten.

5 Repeat steps 1-4 to attach the second cable clip.

SPECIFICATIONS

- **Input**: 12V DC, 2A
              AC100-240V, 50/60Hz
- **LED tape length**: 16.4 ft. (5 m)
- **LED quantity**: 150
- **LED life**: 30,000 hours (approximate)
- **Remote control battery**: CR2025
- **Remote control range**: 30 ft. (9.1 m)
- **Wattage**: 16.8W
- **AC adapter cable length**: 6 ft. (1.8 m)

TROUBLESHOOTING

LEDs will not turn on.
- Press the power button to make sure that your light is turned on, then select the color or mode you want.
- Make sure that all of the connectors are connected properly and the AC adapter is plugged into a power outlet.
- Make sure that you have removed the plastic battery-saver tab from the remote before use. If you already removed the battery-saver tab, make sure that the battery still works. If the battery does not work, replace the battery and try again.

LEDs flicker or turn on and off.
- Make sure that the power cable is not damaged.
- Make sure that both of the connectors are firmly connected.

SAFETY INFORMATION

- To avoid damage to the lightstrip, do not sharply twist or bend the lightstrip 90° or more.
- Do not cut the silver solder markings. Only cut in the center of the copper-colored pads.
- Do not plug in your lights when they are coiled. This can generate excess heat, which can result in product damage or a fire.

LEGAL NOTICES

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.

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 the instructions, 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:
- 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.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARNING: Chemical Burn Hazard. Keep batteries away from children. This product contains a lithium button/coin cell battery. If a new or used lithium button/coin cell battery is swallowed or enters the body, it can cause severe internal burns and can lead to death in as little as two hours. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the battery, and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
The cells must be disposed of properly, including keeping them away from children. Even used cells may cause injury.

ICES statement
CAN ICES-5(B)/NMB-5(B)

ONE-YEAR LIMITED WARRANTY

Visit www.insigniaproducts.com for details

CONTACT INSIGNIA:

For customer service, call 1-877-467-4289 (U.S. and Canada)

www.insigniaproducts.com