

# Matter Smart Holiday String Lights

## User Manual

### Welcome to Smarter Living

Congratulations on becoming an official owner of Nanoleaf Matter Holiday String Lights! Here's a guide with everything you'll need to get started, tips for more advanced features, steps for troubleshooting, and more.

STEP 1	STEP 2	STEP 3
<b>Physical Setup</b> Refer to the instructions in this user manual or the ones outlined in the printed Quick Start Guide.	<b>Download Nanoleaf App</b> Download the Nanoleaf App on the <a href="#">Apple App Store</a> or on <a href="#">Google Play</a> .	<b>Pair with Nanoleaf App</b> Pair your Matter Holiday String Lights with the Nanoleaf App for more customization tools.

## Product Setup

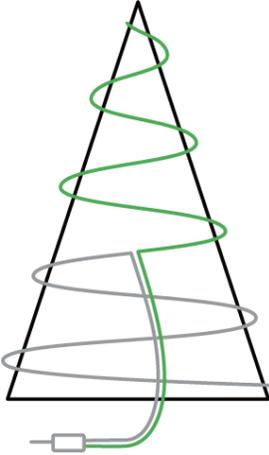
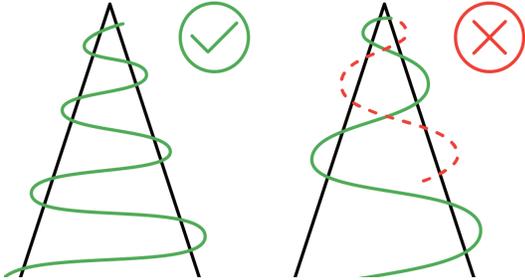
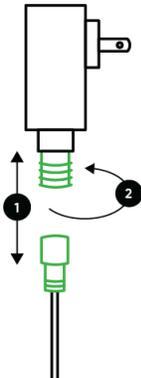
### What's in the box?

#### Matter Holiday String Lights

- **1x** 20m Matter Holiday String Lights (two connected 10m strings)
  - **1x** Attached Controller
- **1x** Power Supply Unit

# Physical set up of your Holiday String Lights

Nanoleaf Holiday String Lights can be used indoors and outdoors. They are made up of two connected string segments with color animations flowing along the extended length (from one string light segment to the next) in one continuous direction.

	<p>To achieve a smooth directional flow of color,</p> <p>1) Start from the middle of your tree. String one segment upwards, the other segment downwards, with the open ends of the string lights at the top and bottom of the tree.</p> <p>OR</p> <p>2) Begin at the far end of one string light segment, and wrap in one direction before continuing on with the second segment in the same direction.</p>
	<p>String the lights closer together if needed so that the full length of your lights are utilized.</p> <p>Avoid having your string lights loop back or cross over one another.</p>
	<p>Connect (1) &amp; twist (2) the lights into the adapter. Plug into power.</p>

# Before You Pair Your Matter Holiday String Lights

Your Nanoleaf Matter Holiday String Lights can run on Wi-Fi, Bluetooth or Matter over Wi-Fi. The way you would like to control your lights will determine which you use, and what features you will get access to.

	Nanoleaf App	Smart Home Ecosystem
Connect via:	Wi-Fi, Bluetooth	Matter over Wi-Fi
Requires:		Matter Compatible Hub & Latest firmware on devices
16M+ Colors	✓	✓
Tunable White (2700 - 6500K)	✓	✓
Brightness Control	✓	✓
Color-Changing Scenes	✓	
Create Your Own Color Palettes	✓	
Magic Scenes	✓	
Set Schedules		✓
Voice Control		✓
Remote Access (away from home)		✓

We always recommend pairing with the Nanoleaf App first, before pairing to a smart home ecosystem for additional features.

To connect to a smart home ecosystem, you will require:

- A Matter compatible smart home hub (e.g. Apple HomePod mini & HomePod 2nd Gen, Google Home Mini & Nest Hub 2nd Gen, Amazon Echo 4th Gen)
- The latest software and firmware on your devices and apps, including a min. of iOS/tvOS 16.5+ or Android OS 8.1+

# Standard Pairing Process with iOS

## Pairing with the Nanoleaf App

To ensure a smooth pairing process, make sure you have the following things ready:

Your Device	2.4 GHz Wi-Fi	Pairing Code
Requires iOS 13+	5 GHz networks are not compatible with Nanoleaf products. You can turn ON Bluetooth as a backup.	A QR code and/or 11 digit code on your Quick Start Guide or on the back of the Controller.

### 1. Download and Open the Nanoleaf App

You can find the official Nanoleaf App in the Apple App Store. Make sure you have the latest version.

### 2. Pair your Matter Holiday String Lights

**2.1** On the Dashboard, tap the pencil icon in the top right corner.

**2.2** Tap “Add Device +”

**2.3** Under Essentials, select Holiday String Lights as your product.

**2.4** The app will automatically open up the pairing window.

**2.5** Follow the instructions on the screen to either:

- Scan the QR code
- Enter the 11-digit pairing code found on the back of the Controller or Quick Start Guide.

**2.6** Your Holiday String Lights should now be ready to go on the Nanoleaf App!

**2.7** If a Matter compatible smart home hub is detected in your home, the Nanoleaf App will give you an option to connect your light to Matter and a smart home ecosystem.

- You can always connect to a smart home ecosystem at a later point by accessing your Holiday String Light settings within the Nanoleaf App and tapping Connections.

**2.8** Pairing must be initiated within 15 minutes of the light being powered on. Disconnect and reconnect your lights from power to re-enable Matter pairing (this only works when the device has not already been paired via Matter).

**Please note:** Keeping your Holiday String Light firmware up to date helps to ensure a smooth experience. The Nanoleaf App will occasionally show a prompt for you to update your firmware.

## Standard Pairing Process with Android

### Pairing with the Nanoleaf App

To ensure a smooth pairing process, please make sure you have the following things ready:

Your Device	2.4 GHz Wi-Fi	Pairing Code
Android 9+	5 GHz networks are not compatible with Nanoleaf products. You can turn ON Bluetooth as a backup.	A QR code and/or 11 digit code on your Quick Start Guide or on the back of the Controller.

### 1. Download and Open the Nanoleaf App

You can find the official Nanoleaf App in the Google Play Store. Make sure you have the latest version.

## 2. Pair your Matter Holiday String Lights

**2.1** On the Dashboard, tap the pencil icon in the top right corner.

**2.2** Tap “Add Device +”

**2.3** The app will automatically open up the pairing window.

**2.4** Follow the instructions on the screen to either:

- Scan the QR code
- Enter the 11-digit pairing code found on the back of the Controller or Quick Start Guide.

**2.5** Your Holiday String Lights should now be ready to go on the Nanoleaf App!

**2.6** If a Matter compatible smart home hub is detected in your home, the Nanoleaf App will give you an option to connect your light to Matter and a smart home ecosystem.

- You can always connect to a smart home ecosystem at a later point by accessing your Holiday String Light settings within the Nanoleaf App and tapping Connections.

**2.7** Pairing must be initiated within 15 minutes of the light being powered on. Disconnect and reconnect your lights from power to re-enable Matter pairing (this only works when the device has not already been paired via Matter).

**Please note:** Keeping your Holiday String Light firmware up to date helps to ensure a smooth experience. The Nanoleaf App will occasionally show a prompt for you to update your firmware.

## Pairing with Smart Home Ecosystems

To pair with a smart home ecosystem, you must have:

1. A Matter-compatible smart home hub that is already paired to your ecosystem
2. The latest software and firmware on all your devices and apps (min. iOS/tvOS 16.5+ or Android OS 8.1+)

We recommend pairing first with the Nanoleaf App to ensure the smoothest experience. Refer to the standard pairing process above for instructions on how to pair with the Nanoleaf App.

## **Starting in the Nanoleaf App:**

After pairing in the Nanoleaf App, you will be presented with a “Add To An Ecosystem” screen if a Matter compatible smart home hub is detected in your home:

- a. Tap the Connect button.
- b. On iOS: you will automatically be prompted to add the light to Apple Home.
- c. On Android, you will be shown a menu with the following:
  - Options for supported apps for direct pairing (select one and you’ll be directed through the setup flow in that app)
  - “Use pairing code” - select this if the app you want to pair with is on the same phone/tablet but doesn’t show up in the list
  - “Use QR code” - select this if the app you want to pair with is on a different phone/tablet. Open the app on your other device and scan the new QR code.

If you do not see the “Add To An Ecosystem” screen, or if you wish to do this at a later date, you can always do so by accessing your Holiday String Light settings within the Nanoleaf App and tapping Connections.

## **Starting in your Ecosystem App:**

If you wish to pair directly with one of the ecosystems, ensure the following requirements are satisfied:

1. A Matter-compatible smart home hub for that ecosystem is already paired
2. Latest software and firmware on all your devices and apps (min. iOS/tvOS 16.5+ or Android OS 8.1+)

3. This is the first ecosystem you're pairing your Essentials to. If you've already paired with one ecosystem via Matter and want to share with a second ecosystem, follow the [steps here](#).
4. Pairing must be initiated within 15 minutes of the light being powered on. Disconnect and reconnect your lights from power to re-enable Matter pairing (this only works when the device has not already been paired via Matter).

Then, proceed with the following steps in the links below for your desired ecosystem:

Apple Home*	Google Home	Amazon Alexa	Samsung SmartThings
<a href="#">Apple Instructions</a>	<a href="#">Google Instructions</a>	<a href="#">Alexa Instructions</a>	<a href="#">SmartThings Instructions</a>

\* Pairing with Apple Home is only available using an iOS device.

## Sharing Matter Devices between Ecosystems

One of the promising features of Matter is [Multi-Admin](#) which lets you share your Matter devices between ecosystems. Using this feature, it can be controlled by any or all of the ecosystems (ie. Apple Home, Google Home, Amazon Alexa, and Samsung SmartThings) simultaneously!

[Instructions](#)

## Controlling your Matter Holiday String Lights

### Controller

Nanoleaf Holiday String Lights come with 9 preset holiday themed Scenes, and 6 single colored Scenes. These can be accessed directly through the button on the controller, without downloading the Nanoleaf app.

<b>Single Press</b>	Cycle through preset holiday themed Scenes
<b>Double Press</b>	Cycle through a Warm White, Cool White & 4 RGB Colors
<b>Press &amp; Short Hold (1s)</b>	Turns lights OFF
<b>Press &amp; Long Hold (10s)</b>	Reset device; will flash red 3 times if successful

## Nanoleaf App

With the Nanoleaf App, you can turn your lighting on/off, control brightness, group lights by room, create your own color-changing Scenes or explore thousands of already made ones.

With 250 individually addressable LEDs (they can each have a different color), there are endless possibilities to customize your Holiday String Lights.

	<p><b>Dashboard</b></p> <p>Control your rooms and devices. Click on a specific device to adjust brightness, change the Scene it's playing, or create your own Scene!</p>
	<p><b>Discover</b></p> <p>Find and download new Scenes created by the Nanoleaf community. Search up any word or phrase to get inspired by what others have created or have our Magic Scene generator create a color palette inspired by your search term.</p>
	<p><b>Resources</b></p> <p>Find helpful information including tutorials, app features and integrations.</p>

## Smart Home Ecosystems

Nanoleaf Holiday String Lights are Matter-enabled and work with Apple Home, Google Home, Amazon Alexa and Samsung SmartThings. To control your lights with a smart home ecosystem, you must have:

- Matter compatible smart home hub (e.g. Apple HomePod mini & HomePod 2nd Gen, Google Home Mini & Nest Hub 2nd Gen, Amazon Echo 4th Gen)
- Latest software and firmware on your devices/app (min. iOS/tvOS 16.5+ or Android OS 8.1+)

Through a smart home ecosystem, you will be able to:

- Change the color of your Holiday Lights (single colors only)
- Adjust brightness
- Set Schedules
- Use Voice Commands

## Voice Control

You can control your Nanoleaf Matter Holiday String Lights by voice in a few different ways if you connect it to a smart home ecosystem and Matter compatible hub.

Make sure to name your device something simple in the Nanoleaf/smart home ecosystem app. Use your smart home ecosystem's voice assistant to utilize voice control.

### Hey Siri...

"Turn [Device Name] on/off."

"Set [Device Name] to 10% brightness."

"Brighten/dim the lights."

"Brighten/dim the lights to [%]."

"Set [Device Name] to [Colour]."

### Okay Google...

"Turn on [Device Name]."

"Turn on/off the lights in [Room Name]."

"Turn on/off all my lights."

"Turn off [Device Name]."

"Brighten/dim [Device Name]."

"Brighten/dim all my lights."

"Set [Device Name] to [%]."

“Set [Device Name] to [Colour].”

## **Problems & Solutions**

### **Reset Options**

To reset your Holiday String Lights, hold the button on the controller for 10 seconds while the device is plugged in and powered on. The string lights will flash red 3 times after a successful reboot.

### **FAQs**

#### **How big a tree can the Holiday String Lights cover?**

They should comfortably cover a tree that is 5 to 7 feet high, but this also depends on factors like the shape of your tree, and how close or far apart your string lights are when you wrap them around your tree/space.

#### **Can I attach additional strings together?**

Holiday String Lights cannot be physically connected together to form one extra long set. If more than one set is used, they will act as their own independent units.

You can however, utilize the Nanoleaf App and apply group Scenes to more than one set of Holiday String Lights so that they all play the same Scene at the same time.

#### **Can I use the Holiday String Lights outside?**

Yes! These lights are rated IP44, which means it can withstand water splashes and light rain.

#### **Are these Matter, Wi-Fi or Bluetooth compatible?**

You can control the Nanoleaf Holiday String Lights over Bluetooth, Wi-Fi or with Matter over Wi-Fi.

You can connect your lights to the Nanoleaf App via Wi-Fi or Bluetooth. Connecting to a smart home ecosystem app on the other hand, will require Matter over Wi-Fi (you need a Matter compatible hub as well).

There is also the option of using the easy access controller that is attached to your Holiday String Lights for some quick actions.

### **How should I set up the Nanoleaf Holiday String Lights for the best light effect?**

Please refer to the physical set up section of the user manual for instructions.

### **Are the Holiday String Lights static, or do they have various settings?**

There are several types of Scenes for you to choose from! With the Nanoleaf App, you can choose from or create your own static color Scenes (single, or several colors at once along the string lights), animated Color Scenes and/or Rhythm Scenes (reacts to sound & music).

Even the preset Scenes that you can access directly through the controller are a mix of static color Scenes, animated Scenes and Rhythm Scenes.

### **How do I connect my device to a Smart Home Ecosystem app using Matter?**

To connect your Matter Holiday String Lights to a smart home ecosystem like Apple Home, Google Home, Amazon Alexa, or Samsung SmartThings, you will need the following:

1. A Matter compatible hub that is already set up in your home
2. Latest software/firmware on all your devices.

We recommend pairing with the Nanoleaf App first, and then following the instructions within the App to pair with a smart home ecosystem. Refer to the **Pairing with Smart Home Ecosystems** section for more details.

### **How do I control my lights with voice commands?**

To access voice commands, your lights must be connected to a smart home ecosystem using Matter. Once connected, you will be able to use common voice commands with your chosen voice assistant to control your lights. See the [\*\*Voice Control\*\*](#) section for more details.

### **How do I change the colors on my lights with the Controller?**

When your lights are on, you can cycle through the preset holiday themed Scenes with a single press on the button on the Controller.

You can also cycle through a Warm White, Cool White, Red, Green, Yellow (Gold), Blue by doing a quick double press.

### **How do I create my own color Scenes?**

Go to the Nanoleaf App Dashboard, and click on the device you'd like to create a new Scene for (this can later be shared with other Nanoleaf devices).

Hit "Create Scene" to create your own single colored, or dynamic (multiple colors and/or motion) Scene!

You can also try out Magic Scenes for some AI magic – simply type in a phrase or word, and watch as a color palette is automatically generated for you.

### **Can my lights react to music?**

Yes! Two of the nine present holiday themed Scenes are sound and music reactive. You can easily access this through the Controller.

You can also explore more Rhythm Scenes through the Nanoleaf App (look for Scenes with a music note icon) and create your music reactive Scenes!

### **Can my Holiday String Lights be synced with other Nanoleaf lights?**

Yes, you can do this in two ways.

- (1) Utilize Group Scenes

You can group multiple Nanoleaf Lights together on the Nanoleaf App dashboard. This provides a shortcut for you to play the same Scene across multiple products in a simple tap.

(2) Sync with Nanoleaf 4D - **COMING SOON**

You can also extend the TV screen mirroring effects\* that you get with **Nanoleaf 4D** to your Holiday String Lights! Set this up by going to your Nanoleaf 4D settings and then “Devices & Position” on the app.

This feature will become available with a future firmware update on the Holiday String Lights and Nanoleaf 4D.