Aurora

Instruction Manual

nanoleaf®

Smarter by Design
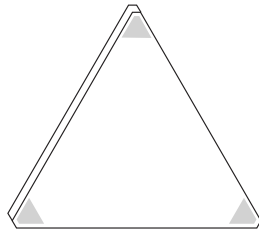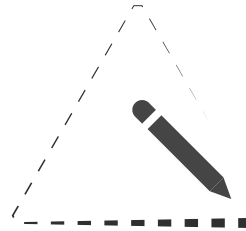
WELCOME

Congratulations on becoming an official owner of the Nanoleaf Aurora, a product that will let you create incredible lighting displays by snapping together panels with ease. Remember, you can purchase expansion packs to grow the Aurora, and unleash your creativity to the fullest! Without further ado, let the excitement begin!
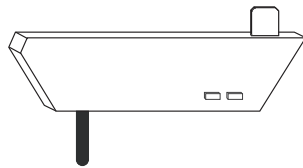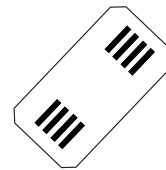
WHAT'S IN THE BOX?
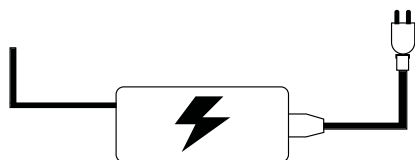
x9

Panels

x9
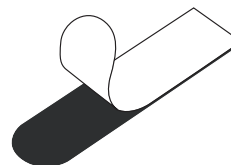
Stencil Paper

x1

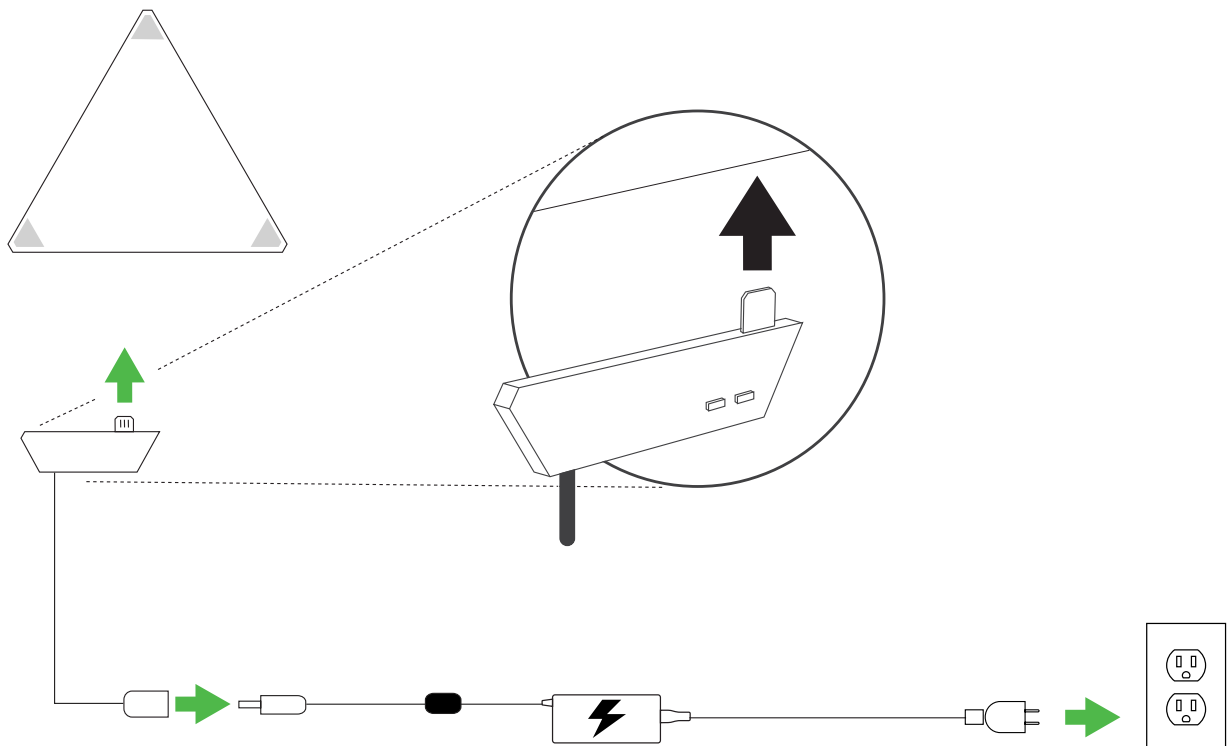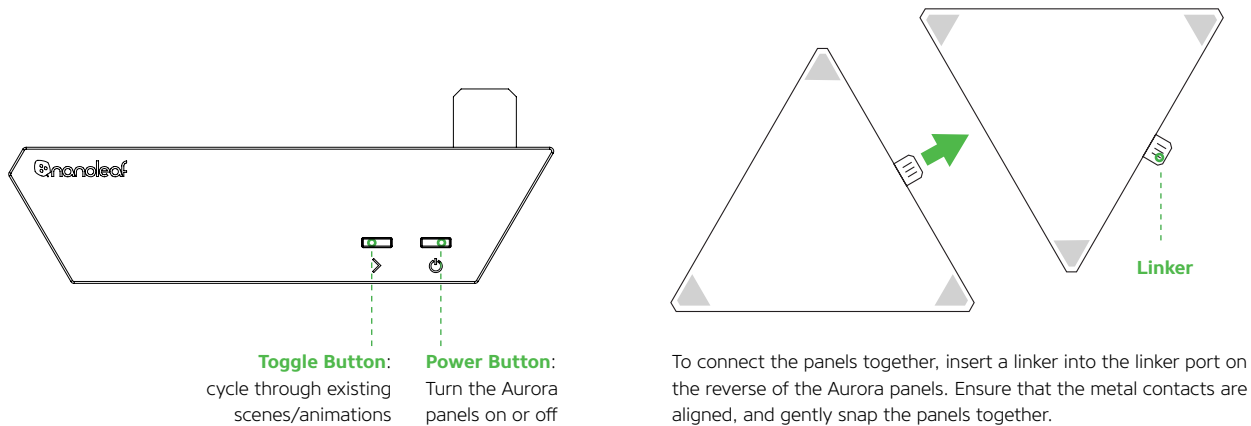Controller

x9

Linkers

x1

Power Supply

x28

Mounting Tape

HARDWARE SET-UP

Slow down tiger! Before you stick the panels onto the wall, be sure to plug it in and try it out on a table first.

Toggle Button: cycle through existing scenes/animations

Power Button: Turn the Aurora panels on or off

To connect the panels together, insert a linker into the linker port on the reverse of the Aurora panels. Ensure that the metal contacts are aligned, and gently snap the panels together.

Linker

Connect the controller to any free edge on any panel. Then connect the power supply to the wire coming out of the controller. Use the included mounting tape to securely attach the panels and controller to your desired flat surface. Click here to watch an instructional video on how to install the panels using the provided mounting tape. Once everything is set up. Connect the power cable to an AC outlet in order to power up your Aurora.

Recommended Installation Requirements

This device should only be installed in an indoor environment on a flat surface that can withstand the weight of the panels. Make sure that the surface is dry and clean from any dust or oil. For optimal performance it is recommended that Nanoleaf Aurora be installed in a location that provides sufficient airflow around the panels. It is recommended that the Nanoleaf Aurora be installed away from other devices designed to receive or transmit radio signals. Locate your Aurora within 20 meters from your home wireless (Wifi) router with at most one wall between them.

SOFTWARE SET-UP

The software setup will be easiest if your Aurora is powered on and you see colors moving across it. Boot up time for your Aurora is about 1 minute.

1. Download the "Nanoleaf Smarter Series" app from the Apple App Store or Google Play Store and launch it.

2. Go through the setup steps in the App to connect your Aurora to your home network and pair with your device.

CONTROL VIA APP

Animations make up the core of the Aurora software experience. Animations are saved settings for your Aurora to display. There are 3 main components to an Animation:

1. Layout: The configuration of the Aurora panels is automatically detected and shown in the App. With two fingers, you can pinch to zoom and rotate the Aurora so it matches the panels' physical orientation.

2. Palette: this is a set of colors you use to create your animation. We've included a few in the App, but you can create as many Palettes as you like. You can use up to 20 colors in a Palette.

CONTROL VIA APP

3. **Effect:** this is how the Aurora will display your color palette.
   a. **Static:** Tap a Palette color and tap a panel to paint it. Hold your finger over a panel to change the brightness of that individual panel.
   b. **Random:** This will take your Palette colors and randomly animate them across your panels.
   c. **Flow:** Imagine pouring each Palette color onto your panels. Watch the color flow in a direction of your choosing.
   d. **Wheel:** Provides a continuous moving gradient of color created from your Palette.
   e. **Highlight:** Just like random, but you will mostly see the color on the left of your Palette. The other colors fade in periodically.
   f. **Fade:** The aurora cycles through your Palette colors all together.
   g. **Burst:** Your Palette colors radiate out from the center of the Aurora panels.

4. **Options:** these modify how an Effect Type works.
   a. **Speed:** How quickly do you want your Animations to go? This acts a bit differently depending on the Effect type.
   b. 〰 OR ⊓⊔ : For the Random, Highlight, 12 and Fade Effects, this changes how long the Aurora panels stay at a given color. 〰 moves from color to color without delay, ⊓⊔ will pause at each color before moving to the next.
   c. **Direction:** This tells the Aurora which way to direct your color in Flow and Wheel. This direction depends on the rotation you've selected for the panels.
   d. •◦⊡ OR ⊡◦• : This changes how many palette colors are shown on the Aurora at once. The higher the number, the more of your Palette is painted across your Aurora!

VOICE CONTROL

You can easily control your Aurora by voice in a few different ways. In the App, make sure to name your Aurora something easy to say.

Siri

"Turn [My Aurora] on/off."

"Set [My Aurora] to 10% brightness."

"Dim [My Aurora]."

"Set [Animation Name]"

"Set [My Aurora] to Green"

Amazon Echo

Planned support for Q4 2016 with commands to be announced.

TIPS & TROUBLESHOOTING

The following recommendations can help your Nanoleaf Aurora achieve the best wireless range & network reception.

Best Locations for Nanoleaf Aurora:

- Place your Aurora in an open area where there are few obstructions, such as large pieces of furniture or walls. Place it away from metallic surfaces.
- Avoid placing your Aurora behind furniture or inside cabinets.
- Don't place your Aurora in areas surrounded by metal surfaces on three or more sides. This can cause signal issues.
- Try to place your Aurora at least 25 feet (8 meters) away from any microwave oven, 2.4 GHz cordless phone, Wifi devices, or other source of interference.
- Place your Aurora as close to your Wifi home router as possible. For best performance, keep the distance below 65 feet (20 meters) and have no more than one wall in between.

PROBLEMS & SOLUTIONS

Wi-Fi Troubleshooting
1. Wifi Status Indicator. After the 1 minute bootup, the Wifi Status indicator will show wifi status.
   a. Solid: Your Aurora is ready to be connected to your home network.
   b. Flashing (1s interval): Wifi configuration has timed out. Power cycle or hold the on button and animation select button together for 5 seconds.
   c. Unlit: Wifi is configured and connected to your router.
   d. Flashing (4s interval): Wifi is configured, but the Aurora cannot connect to the target network. It will continue trying unless you reset the Wifi by holding the on button and animation select button together for 5 seconds.

I can't see my Aurora in the App for setup:

1. If the Wifi status indicator is lit:
    a. Make sure your mobile device wifi is on.
    b. Try moving your mobile device closer to your Aurora. The App connects directly to the Aurora in order to setup wifi.
    c. Try turning your mobile device wifi off and back on
2. If the Wifi status indicator is not lit, your Aurora is already on a wifi network.
    a. Make sure your mobile device is on the same network
    b. Try turning your mobile device wifi off and back on.
3. If the Wifi status indicator is flashing:
    a. See Wifi troubleshooting section for more details.

Resetting the Aurora

1. **Resetting Wifi settings.** This will allow you to connect your Aurora to a new network.
    - While the software is running (after 1-2 minute bootup sequence) press the Toggle and Power buttons together and hold for 5 seconds. The wifi status LED will light up. Once the LED lights up, release the buttons.
2. **Soft Reset.** This will reset wifi and all pairing information, although will keep your saved animations.
    - While the software is running (after 1-2 minute bootup sequence) press the Toggle and Power buttons together and hold for 15 seconds. The wifi status LED will light up after 5 seconds and start flashing after 15 seconds.
3. **Hard Reset.** This will reset your Aurora to factory settings, deleting wifi settings, pairing information, and saved animations. Factory animations will be restored.
    - Disconnect power to the Aurora. Then hold the Toggle and Power buttons together and reconnect the power without releasing the buttons. After about 7 seconds, the wifi status LED will start to flash rapidly. Once the flashing begins, you can release the buttons. You must then wait 3 minutes for the Aurora to reset itself to factory defaults and boot up.

My beautiful Aurora masterpiece with 50 panels is not functioning correctly:

We are afraid that only 30 panels are supported by a single controller and power supply. If you are inspired to go big, you will need to have separate controllers and power supplies each handling at most 30 panels. You can pair more than one Aurora system with your smartphone.

Check out *helpdesk.nanoleaf.me* for further troubleshooting and hardware reset instructions.

SUPPORT

For technical support and assistance for your Nanoleaf Aurora,
Please go to *helpdesk.nanoleaf.me.*

FAQ

Please visit our online user manual page for a complete list of frequently asked questions
and answers: *www.nanoleaf.me/myaurora*

WARRANTY

Nanoleaf Aurora is protected under a 3 year limited warranty.
Please visit *www.nanoleaf.me/myaurora* to register for and download the warranty.

HARDWARE COMPLIANCE & CERTIFICATIONS

Nanoleaf Aurora adheres to the certification requirements for various regions around the world.

To see a full list of Nanoleaf Aurora certifications and to ensure Nanoleaf Aurora complies with the certification requirements in your region, please go to *www.nanoleaf.me/legals.*

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 Class B digital apparatus complies with CAN ICES3 (B)/NMB3 (B) This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications. This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules.
Made in China.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: this device may not cause interference, and this device must accept any interference, including interference that may cause undesired operation of the device.

CHANGES & MODIFICATION
Changes or modifications made to this device may void certification of the device. Changes or modifications made to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

INTERFERENCE
Nanoleaf Aurora has been designed to minimise interference with other radio, broadcast or receiving devices. The manufacturer is not responsible for any interference caused as a result of modifications to the product or by failure to adhere to the "Warnings and Cautions" section of this document.

This device generates radio frequency energy and, if not installed in accordance with the "recommended installation requirements" may cause harmful interference to radio communication devices. If the device is causing radio interference, it is recommended that the user try: a) relocating the device to a different place; b) adjust the antenna on the receiving device; c) consult a technician experienced in radio interference.

WARNINGS & CAUTIONS

Please read this safety information carefully and keep this user manual for later reference.

Nanoleaf Aurora is not designed for use in:

- Enclosed locations that limit the flow of air and/or trap excessive amounts of heat
- Emergency exits or emergency lights
- Conjunction with 3rd party sensors/timing devices that are not approved by Nanoleaf®
- Places where there is a risk of electric shock
- Outdoor areas
- Wet or damp conditions
- Excessively hot environments (e.g. close to ovens, radiators, heaters, etc.)
- Regions or countries other than that in which the product was intended for.

When using Nanoleaf Aurora:

- Do not open the device, as this will void the warranty.
- Do not place any metallic or conductive objects near the exposed contacts on the Aurora controller, power supply, linkers, or back of the Aurora panels.
- Do not allow small children to operate this device unsupervised. This device contains small parts that may be a choking hazard to small children.
- Do not clean the device when it is on and or connected to power.
- Clean the panels with a soft dry cloth, do not use cleaning agents.
- Do not bend the panels with the linker still attached.
- Do not attach the panels together with anything other than its original panel linkers.
- Do not puncture the panels with any nails or screws during installation.
- Do not attach the panels to a ceiling without extra adhesives to secure the panels from falling.
- Do not attach the panels to the floor where it may get stepped on.
- Do not place the panels in water, or expose the panels to water.

DESIGN IDEAS

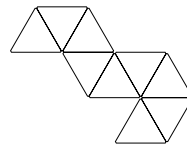The more the merrier! Here are just a few examples of what you can create with more Aurora panels:

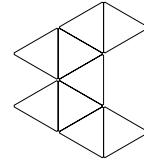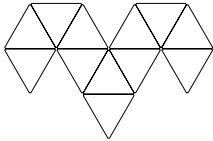**with 9 Panels**
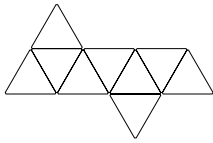
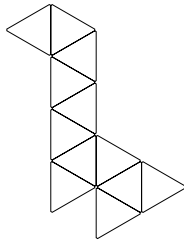The Napping Unicorn   The Matrix Crown   The Free Bird   The Swanky Pacman
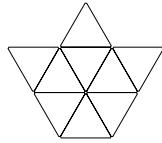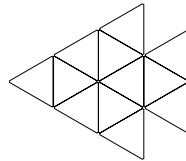
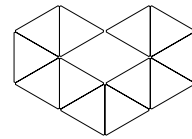**with 12 Panels**

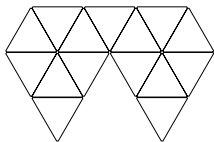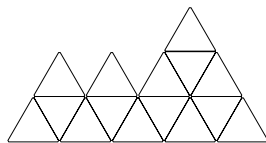The Dodgy Ram   The Cuddly Giraffe   The Sparkly Nemo   The Lovey Dovey
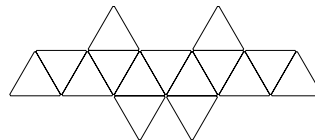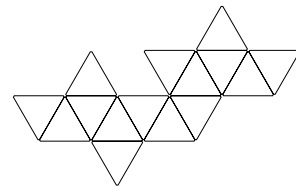
with 15 Panels

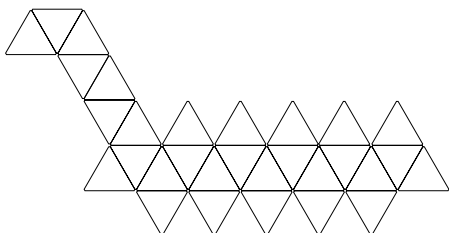The Siamese Diamond   The Homely Mountains   The Huggable Sloth   The Snuggling Kittens
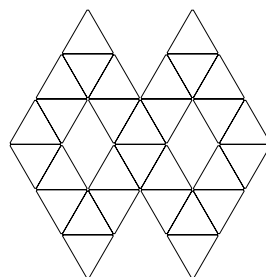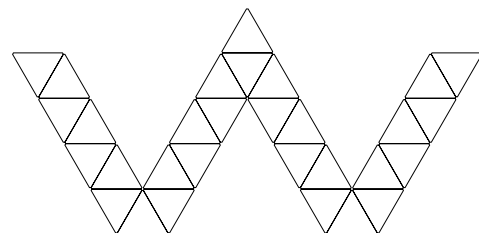
with 30 Panels

The Slurpasaurus Rex   The Divine Infinity   The Wiggly Worm

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nanoleaf.me/aurora

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www.shop.nanoleaf.me/aurora