

**ATOMIC V**



**HOOOP**



# Thank you!

We appreciate your purchase, which supports our continued development of fun and innovative LED props. We hope that you enjoy our products as much as we enjoy creating them! This smart prop was handcrafted at our workshop in Arvada, Colorado. We back our workmanship with a lifetime warranty. If you experience any problems with this product, visit:

**<https://shop.astralhoops.com/pages/service>**

or contact us at:

**[support@astralhoops.com](mailto:support@astralhoops.com)**

**We're happy to assist you!**

# Astral Atomic V Hoop Instructions

## **Assembling the hoop**

The Atomic V comes with a push button connector. Simply push one end of the hoop into the other until both ends are flush together and the button pops through the hole.

## **Taking the hoop apart**

The push button is sometimes a little tight. We prefer tight over loose since it wouldn't be very nice for a hoop to fly open during a performance. Here's a trick that makes it quite a bit easier: it helps to push on the button with a rigid object instead of with your finger. The end of a ballpoint pen (with the point still retracted) fits nicely over the button and works well for this. As you push the button, give the hoop a little twist so the push button goes under the hoop surface, then pull apart. With a little practice using this method, taking the hoop apart becomes much easier.

## **Coiling down the hoop for travel and shipping**

If you need to coil the hoop later for shipping or travel, be careful not to coil the tubing any more than necessary and never smaller than 20" diameter. Coiling it too small can cause the tubing to crease, crack, or shatter. We highly suggest using painter's tape instead of duct tape in the event that you need to coil your hoop down.

## **Using the hoop**

Your hoop comes with a USB C charger. The light on the charger will show red while the hoop is charging. When the hoop is charged, the light will turn off and the charger will switch to a trickle charge. Charging takes about two hours if the hoop is completely dead. Replacement chargers are available for purchase at [astralhoops.com](http://astralhoops.com).

To turn the hoop on, press the button on the hoop and the hoop will begin playing the first Mega Mix pattern. To turn the hoop off, press the button again and the hoop will turn off.

## Selecting a pattern

Hold the hoop with the menu lights going out away from you. When in the selection menu, each light on the hoop represents a different pattern. Use the left, right, forward, and back buttons on the remote to move the cursor around the menus. To run the selected pattern, press OK on the remote. To return to the menu again press the menu button (The 3 lines in the upper right corner) on the remote.

## Brightness

The Atomic V has a brightness control to allow you to set the intensity and manage battery life. To access the brightness menu, press the brightness button (the sun in the lower right corner) on the remote. Eight blue dots in the brightness menu represent the eight brightness levels. Move the cursor up and down, and press OK on the remote to select.

## Battery meter

Your hoop also has a battery meter. Press the battery button on the remote and a series of dots ranging from green to yellow to red will appear. These represent how much charge is left on your battery.

## Mega Mixes (the violet menu)

The Mega Mix patterns create a unique and continuous mix of patterns each time you use them. See chart below.

## Presets (the aquamarine and lavender menus)

The Atomic V has two menus where you can save up to 30 of your favorite patterns for quick access. These menus are aquamarine and lavender and are the second and third menus. If you try to select a location in either preset menu that does not already have a pattern stored, the cursor will blink red.

To store patterns in the preset menu first, go to the pattern you would like to store. While the pattern is running, press the save button on the remote. The 15 aquamarine preset locations will now be displayed. Move the cursor to your choice of the 30 locations in either the aquamarine or lavender menus and press OK on the remote to select a location. The hoop will then go back to running that pattern and it will be stored in the chosen preset location for later access. If you choose a location that already has a pattern stored in it, that preset will be overwritten with the new pattern.

### Customization

Each pattern can be customized to a wide variety of color and speed settings. Once you are playing a pattern, press the rabbit or sloth buttons on the remote to change the speed. Press the left or right painters pallet buttons on the remote to change the color. The customized pattern can be saved to the preset menus using the directions above.

### Random and Scan modes

There is an orange random mode located on menus 3-7. This mode will randomly generate a new pattern every time you select it. There are three scan modes at the end of each menu after the Mega Mixes. The lime green mode will play each pattern in that menu for 10 seconds. The pink mode will scan through each pattern in that menu for 10 seconds with a rainbow fade background. The purple mode will scan through each pattern in that menu for 10 seconds with a rainbow flash background.

<b>Menu</b>	<b>Menu Description</b>
Violet	Mega Mixes
Aquamarine	Favorites 1
Lavender	Favorites 2
Red	Solids
Orange	Linear Spins (Spin 1)
Yellow	Non-Linear Spins (Spin 2)
Green	Sparkles and Comets
Aqua	Mash-ups
Blue	Classic POVs (POV 1)
Purple	Atomic V POVs (POV 2)

	<b>Mega Mix Pattern Descriptions</b>
1	Mix All
2	Spins
3	Spins with backgrounds
4	Spins with sparkles
5	Spins with backgrounds and sparkles
6	POV with spins
7	POV with backgrounds
8	POV with sparkles
9	POV with backgrounds and sparkles
10	POV with spins, backgrounds and sparkles
11	Spins
12	Rainbows and flash
13	Sparkles
14	Rainbows, flash and sparkles
15	Spins, rainbows, flash and sparkles

# Astral Hoop Care Instructions

Avoid getting your hoop wet or exposing it to damp conditions. Store your hoop at room temperature (60 to 85 degrees Fahrenheit).

Avoid prolonged exposure to direct sunlight or excessive heat such as a car parked in the sun on a hot summer day.

Avoid exposure to extreme cold. This is especially important for polypropylene hoops as polypropylene becomes brittle when cold and can crack from extreme cold. Also be extra cautious when hooping with a cold polypropylene hoop. Cold tubing will fail with less force than at room temperature.

It's important to understand the physical limitations of your hoop. The tubing used to make these and other hoops have a limit of how much force it can withstand before failing. The weight added by the LED circuit as well as the holes drilled for the circuit interfaces compound this limit. Abrupt moves such as paddle breaks and knee reversals can apply more force than the tubing can take. Perform these moves gracefully and practice new tricks with a hoop that would be less sad to break.

Place tape over holes when hooping in dirty or sandy conditions. Electronics don't like dirt or sand.

Use only the charging adapter that came with your hoop. Unplug the hoop after charging.

Don't store the hoop with the battery completely drained. This can shorten the battery life.

Hooping on a soft surface such as grass or carpet is best for your hoop. The hoop is designed to be durable, but take care not to excessively beat it or throw it at the ground.

When collapsing your hoop for travel, coil it carefully and never smaller than 20" in diameter.

Love your hoop and your hoop will love you back!

# LITHIUM BATTERY WARNING

This hoop may contain a Lithium battery. We use advanced protection circuitry to protect the hoop and batteries in the event of a problem and minimize dangers. However, Lithium batteries can catch fire and/or explode if misused or exposed to conditions such as water or extreme heat. Please read and understand the following cautions so you can enjoy safe and proper use of your hoop.

- Never store hoop inside your car in extreme temperatures.
- Do NOT expose to direct sunlight for extended periods.
- Do NOT expose hoop to other extreme heat or flame.
- Storing at room temperature between 40 and 80 degrees F is best. Don't leave the hoop with a dead battery for an extended period. Charge battery every 2 months when not in use to keep it fresh. Never leave a charging hoop unattended.
- If the battery or the hoop around the battery becomes hot, swells, smokes, leaks, or is punctured, turn the hoop off, disconnect it from the charger, and put it in a safe place to observe it for approximately 15 minutes. If the battery has been damaged, do not turn on or charge the hoop. Never expose hoop to moisture. If the hoop does get wet, allow it to dry thoroughly and ensure there is no moisture trapped inside the hoop before turning it on or charging it.
- Only charge with the Li-ion smart charger that we supply with the hoop. NEVER plug or stick anything else into the charging port.
- Do not disassemble the hoop or tamper with the battery or circuit in any way.
- **Do not mail or ship hoop if the batteries are damaged in any way.**

## **A note about using this hoop as a fire hoop:**

**We recommend that only trained and experienced fire hoopers attempt to use this hoop as a fire hoop. If you attach fire wicks to this hoop, you do so entirely at your own risk.**

Keep the flame away from the tubing and battery.

If the tubing around the battery is damaged by the fire, or if the battery shows signs of damage, or if the hoop or battery begins to swell or smoke, turn the hoop off and put it in a safe place to observe it for approximately 15 minutes.

If the battery area of the hoop catches fire, put it out with a class C fire extinguisher, NOT water.

Do NOT turn the hoop on or plug it into the charger if the battery or the tubing around the battery shows signs of damage due to heat or fire.

# Astral Hoops Lifetime Warranty

If your Astral Hoops product stops working we'll repair or replace it free! All you have to do is send it back to us and cover the cost of shipping. This warranty covers our workmanship, the LED circuit, and the micro-controller board. Batteries wear over time. Internal batteries are covered for one year from the date of purchase. External batteries are not covered.

The warranty does not cover normal wear on the flow tool occurring from normal use such as scuffs, scratches and residue from tape. The warranty does not cover any damage to the flow tool due to abuse, improper care, improper charging, damage to tubing from improper collapsing or exposure to water, dirt, sand, heat, cold or other adverse environmental conditions. Damage to the flow tools caused by heat, flame, or fuel from using the flow tool as a fire hoop or fire tool is not covered.

This flow tool is not waterproof. Exposing it to water can cause serious damage to the sensitive electronics. The presence of water in the flow tool at any time will void this warranty. This flow tool contains a water detection system. Tampering with this system will also void the warranty.

Damage to the plastic tubing or caused by the tubing breaking is not covered by this warranty. The tubing used to make these flow tools has a physical limit of how much force it can withstand before failing. The user of the flow tool is responsible for understanding these limits. Damage caused by forceful moves such as, but not limited to, paddle breaks and knee reversals is not covered by this warranty. Polypropylene and Polycarbonate become brittle when cold. Always store your flow tool at room temperature (60 to 85 degrees Fahrenheit) and take extra care when using in cold climates. Damage to the tubing caused by exposure to cold is not covered by this warranty.

We reserve the right to refuse coverage to anyone that abuses this policy, such as intentionally causing damage, or repeatedly causing damage by doing the same thing.

Purchaser is responsible for safely returning the flow tool. All shipping costs must be paid by the purchaser and will not be refunded. Purchaser assumes all liability for any loss or damage that occurs during the return shipping. This warranty is transferable and good for as long as the product exists and Astral Hoops is in business.

Taking proper care of your flow tool is your responsibility. To avoid damages not covered by this warranty, please review the important Astral Hoop Care Instructions. This warranty is void if the hoop or flow tool is taken apart, disassembled, or modified in any way.