

## Welcome to your new vision prop!

Please refer to the flowOS **pocket guide** for a quick overview.  
For in-depth instructions on how to navigate, group, save to favorites and more,  
please go to [flowtoys.com/product-support](http://flowtoys.com/product-support)

If you have any questions or issues with your props,  
please email us at [support@flowtoys.com](mailto:support@flowtoys.com),  
or join and post on the "flowtoys connect" Facebook group.

## SAFEGUARDS AND PRECAUTIONS

This guide outlines basic safeguards in using your flowtoys. The information presented cannot cover all possible circumstances that may occur. In using any flowtoy, the user understands that common sense and caution cannot be built into the product, and must be provided by him/herself. Please read all instructions before using your toys.

1. Flowtoys are intended for practice, play, performance and meditation. Do not use for any other purpose.
2. Do not use products under the influence of alcohol or drugs. Consult prescription labels to determine if a particular drug would impair your judgment or reflexes. If so, do not use this product.
3. Stay alert and use common sense. Do not use this product when tired or distracted. Be aware when in the presence of fragile or breakable objects.

**BEFORE USE:** Check for damaged parts before using any product. Ensure caps, connectors and battery doors are fully secured. Most flowtoys are made of individual pieces that can separate during use if not properly assembled.

**GENERAL CARE:** Repair or replace damaged or worn parts before use. Do not use damaged products.

**REGULAR MAINTENANCE:** Maintain all Flowtoys products with care. Store in a clean, dry environment. Avoid unnecessary exposure to sunlight: UV rays will weaken most plastics over time.

**WARNING:** This product is not intended for use by children age 14 and under.

## ⚠ WARNING! LITHIUM ION BATTERY SAFETY PRECAUTIONS

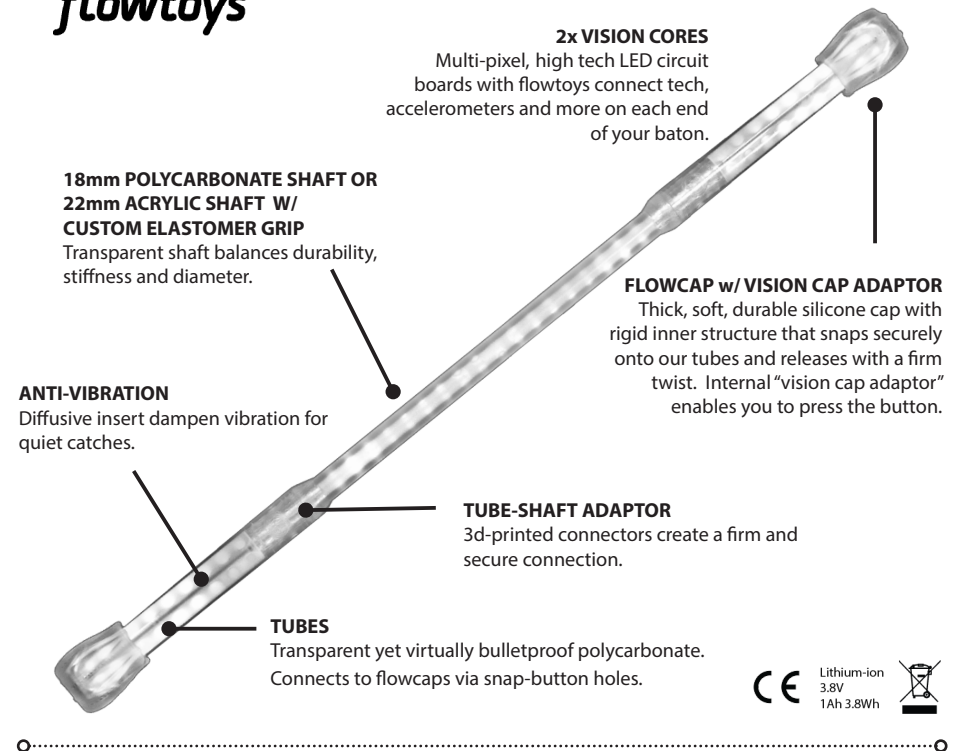
You must read these safety instructions and warnings before using or charging your batteries. Vision props use rechargeable lithium ion batteries. Lithium ion batteries might cause damages like leaking, fire or explosion when misused or defective. Failure to read and follow the below instructions may result in fire, personal injury and damage to property if charged or used improperly or if defective. Please read carefully and be aware!

- Always charge in an isolated area, away from other flammable materials like wood or carpet. Never charge batteries unattended.
- Please double check your charger to assure it is operating correctly at the beginning of every charge cycle. If your charger or battery becomes hot, balloons/swells, emits smoke or smells unusual, **STOP CHARGING IMMEDIATELY**. Observe the battery for 15 minutes in a safe area outside of any building or vehicle and away from any combustible material to assure that it does not ignite, and contact us.
- Some microUSB chargers on the market may have technical deficiencies that may cause them to charge Li-ion batteries incorrectly or at an improper rate. It is your responsibility solely to assure the charger you purchased works properly. Always monitor charging process to assure batteries are being charged properly.
- Do NOT disassemble or modify the battery. Vibration, puncture, contact with metals, exposure to liquid or tampering with the battery can cause it to fail. The battery contains safety and protection devices, which, if damaged, may cause the battery to generate heat, explode, ignite, or short circuit. Severe injury may occur.
- Store in a cool, dry place. Never store or charge batteries in extreme temperatures, such as a hot car; near heat sources or fire; or in pressurized or very cold environments.
- Keep away from children.
- If the battery leaks and the fluid gets into your eye, do not rub your eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.



## Full Vision Lumina Twirl™ Baton

features  
operating instructions  
troubleshooting



Welcome to the world's first fully illuminated twirling baton! The all-new full vision lumina twirl baton is the next level in twirling - bright enough for all to see in stadiums, durable and utterly gorgeous. The full vision batons comes with flowtoys connect technology and can wirelessly connect to many other flowtoys. Majorette group with over dozens of twirlers? No problem. There is no limit to how many batons you can connect - the possibilities are limited only by our imagination.

## FOREVER FLOW WARRANTY

**Within 2 years:** If your vision prop is not physically damaged through unintended use (e.g. fire, water, run over by car), replacements are free. Shipping not included.

If your vision prop is physically damaged, replacements are half price on the part.

**Lifetime:** If it's a battery issue, there's a \$42 battery replacement fee.  
All other issues will be half price replacement on the relevant part.

If the tips in this guide do not keep your flowtoys working for years to come,  
please contact us at [support@flowtoys.com](mailto:support@flowtoys.com).

*\* Flowtoys reserves the right to refuse coverage to anyone abusing this warranty.  
Please contact us before sending in your product, or it may be returned to sender.*

## CHARGING YOUR VISION BATON

There are 2 vision boards in your baton. To access the charging port for each board, detach the flowcap from each end.

To detach the flowcap, twist cap firmly to release the buttons, then pull cap off tube. You should see the USB charging port at the edge of the vision board under the cap. Your vision prop should take approx. 3-4 hours to fully charge, but 90% of the charge happens in 2.5 hours.

To install cap, place over tube, push and twist until the snap-buttons click in.

**Checking your battery charge level:** When off, press and hold the button. The light will blink a color indicating your charge level - ranging from red to green - until you let go. Your battery may be low when you first receive your lights - if so, please charge before use.

Red = really low, less than 10% left

Orange = OK, maybe 50% left

Yellow = should last a while, 50-90%

Green = good to go! 90% or more

**Note:** Colors are approximate. Runtimes vary greatly with different modes.

**Low battery mode:** When the battery gets low, the prop will exhibit a dim red flicker for awhile, so your prop doesn't go totally dark immediately.

**Dead battery indicator:** If your light blinks red and turns off, the battery is totally out of juice.

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## ACCESSING THE MODES & SETTINGS

You can turn your baton on/off, change, adjust and save modes, adjust settings and more by pressing the vision core button from the outside of the flowcap - there's a vision cap adaptor inside the silicone flowcap to help access the button. It is a white 3D-printed part that should be firmly fitted inside the flowcap - don't remove or lose it!

We recommend wirelessly grouping the 2 ends of your baton and getting a capsule remote, so you can more easily change modes and settings.

The flowOS pocket guide is designed as a reference. For in-depth instructions, please refer to [flowtoys.com/product-support](http://flowtoys.com/product-support), or email us at [support@flowtoys.com](mailto:support@flowtoys.com) if you have any questions on how to navigate your lights.

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## A NOTE ON THE BUTTON

Pressing the button through the flowcap can be challenging. There is some variation in the button press, sometimes it's easy and sometimes it's quite hard.

We highly recommend using a capsule remote to navigate and perform more complex functions that require a lot of button presses (also because it's fun to hand the remote to someone else, while you're spinning). You can also remove the flowcap to make button pressing easier, for complex navigation like adjusting settings, saving favorites etc. Remember to replace cap fully to protect the electronics.

**Tip:** If you find it difficult to remove the flowcap from the tube, check your hand grip. You may be gripping the internal buttons against the tube! We provide a grippy mat - you can use it to help by holding the tube with the grip mat, while twisting the cap off.

## MODULARITY

Vision prop parts are not meant to be repeatedly swapped out. The core may be removed from the tube for servicing if needed, but is not intended to be removed frequently. The electronics will be unprotected, it is possible to damage the button or USB jack during removal and insertion, and the diffusion layer is easily damaged during insertion if you're not super careful.

The reset pads can be pressed with a key without removing the core. You can also charge and update firmware without removal. While it is possible, the core is not intended to be switched between props/housings in a spontaneously modular way. Any physical damage - e.g. damage to button or usb jack incurs a 50% replacement fee for warranty service.

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## IMPORTANT NOTES

### Do not use glowsticks or WD-40 with tubing.

While polycarbonate is very strong, it breaks down in the presence of certain esters, including those produced by chemical glowsticks, mineral spirits and WD-40. Do NOT put chemical glowsticks into the tubes, otherwise they can become brittle and shatter.

### Make sure all caps are fully secured before use!

Check that the buttons in your caps are fully clicked into tubing holes.

### Clean your grip!

Grip can wear out with use and is affected by oils from our skin. To prolong the life of your grip, clean it after heavy use and before long periods of storage. Use rubbing alcohol and a cloth, OR a cloth with warm soapy water to remove oils from the grip. Make sure the cloth will not stain your grip. Wipe away any soap residue with clean water.

If your flowcaps get dirty, you can clean them with soap and warm water, or put them in the wash with your laundry: air-dry, no heat!

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## VISION :: A WHOLE SYSTEM OF LED PROPS



Flowtoys vision system began with vision juggling clubs, and has expanded to include poi, contact staffs, batons, flower sticks, wands, chucks, darts and sabers. All vision prop can connect to and control each other, as well as all capsule 2.0-based flowtoys like podpoi, lumina twirl batons and more. Explore more possibilities at [flowtoys.com](http://flowtoys.com)

