

TROUBLESHOOTING

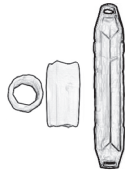
A truly defective flowtoys product can always be sent back for free repair or replacement, but **most apparently "faulty" flowlight behavior just requires a good battery or a little care!**

- 1. Use only rechargeables or good alkalines.** The circuitry is optimized for rechargeables. The voltage amplifier draws a lot of power, so cheapo batteries don't last long, and can create faulty behavior.
- 2. Your battery is low.** Dim orange light? Flashes and turns off? Won't respond to the button? Try a battery that you are sure is good, switch your batteries around with other lights to check.
- 3. There is something obstructing battery contact!** Check that the clear battery pull-tab is blocking the battery contact. Check that your batteries are clear of physical debris. Sometimes the wrapper on the battery itself tears away and blocks the contact.
- 4. There is oxidation on your contacts.** Do the battery or spring contacts have black marks or debris on them? This may be oxidized metal dust from the battery and/or battery contacts caused by friction/vibration. Clean the battery and battery springs with your fingers, a clean cloth or eraser, and apply a tiny bit of petroleum jelly (vaseline) to the springs. This works wonders to prevent future oxidation and promote electrical conductivity.

FLOWLIGHT ACCESSORIES

Flowlights were designed as a versatile pixel of light that can be used as a stand alone LED light-stick, as well as linked together in the Flowtoys Modular System to create poi, staffs, juggling clubs, martial flow props and more. Visit www.flowtoys.com for the whole range of accessories and possibilities.

Recommended: Get crystal cases to protect and cushion your flowlights, and flowmass to add more weight if you like heavier rigs. We also provide quality, comfortable handles and leashes.



DURABILITY

Flowlights were designed for a high-impact lifestyle. However nothing is indestructible! Flowlights are electronic instruments - we recommend using one of our protective housings or avoiding very hard collisions and drops if they are unprotected.

Interesting note: We calculated the impact during a simple "butterfly" poi-move to be over 100mph. The force during impact is equivalent to a 5 ton elephant standing on a cell phone!

Note: Chemical glowsticks release gaseous esters that break down polycarbonate and make it brittle. This can occur even if an uncracked glowstick is placed near polycarbonate, and is not only a result of broken or leaking glow-sticks. Avoid exposure!

The Home of Poi Hassle Free Warranty

At Home of Poi we have a free 12 month warranty/replacement process on all items purchased from us in the unlikely event that a fault occurs. This does not include claims arising from abuse or misuse. Unlike other warranties we do not ask you to send products back at your cost, we avoid this hassle by simply asking for photos and/or video of the fault. Once your claim is approved we will then send free parts/products or apply store credit to help remedy the situation. Most products can be recycled or reused locally, reducing the carbon footprint by not having to send items back. We feel this warranty substantially reduces waiting times and expense for you our valued customer. This really is the HoP hassle free, cost free, environmentally friendly warranty process

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flowtoys

FLOWLIGHT-FS :: OPTIMIZATION GUIDE

The flowlight-full spectrum was born of a passion for beauty and movement, and engineered to meet the need for a high-performance, rechargeable and durable light source for kinetic activities, personal lighting and entertainment.

The flowlight serves as a versatile, interchangeable pixel of light in the Flowtoys Modular System of poi, staffs, juggling and martial flow props.

Clip a flowlight to your person, backpack or bicycle. Use it as a flashlight or for ambient lighting, while you are at a festival, camping, or at home. With a huge range of modes and color schemes, the possibilities are limited only by your imagination.



QUICK START GUIDE

- See inside for battery installation.
- Press the button once to turn on your flowlight.
- Press again to change to the next mode.
- Continue pressing to cycle through all 10 modes on the first page.
- At the end, the light will turn off.
- There are many other features, but this is all you need to know to get started!

OPTIMIZING YOUR GLOW – UNDERSTANDING YOUR BATTERIES

The flowlight runs on a single AAA battery. It amplifies and regulates the voltage – this means you can use common rechargeable batteries and your flowlights will run at full brightness for the entire life of the battery, and not dim over the course of the night. Using higher-voltage disposable alkaline batteries will not increase the brightness, or runtime.

How long does a battery last? This depends a lot on the mode you are in. With freshly charged NiMH rechargeables, flowlights normally last for 7-24 hours in most modes, 2-4 hours in page 3 "performance" modes, and 1-2 hours in "bolder" and "bold" (all white modes).

Runtimes with disposable alkaline batteries are typically lower, and cheapo disposable batteries may last less than 30 minutes, as they cannot handle the amperage required.

How long will a rechargeable battery hold its charge? Typical NiMH rechargeables hold a good charge for a few weeks. After that they may have less than 50% of their charge left, so we recommend charging batteries within a week of any important uses, like festivals, parties or performances.

New feature - charge-level indicator: Hold the button while the light is off to see the charge-level indicator. Green is at least 80% charged, red is at least 80% dead, orange and other in-between shades are approximate and indicate about 50%. This is intended for NiMH batteries only - a "green" reading for alkaline disposable batteries may actually mean 50% or less, due to the voltage difference of the chemistry.

OPERATING INSTRUCTIONS

FEATURES

- 37g w/ battery
- 3 superbright LEDs
- advanced micro-controller
- single button, easy use
- voltage regulator
- color indicator
- 100% optical shell, durable polycarbonate
- no tools battery door
- rechargeable AAA cell*
- custom battery spring
- easy attachment points

State-of-the-art, latest technologies, design, versatile, attractive, easy-to-use, intuitive, sustainable alternative to chemical glowsticks.

Designed from the ground up with great engineering, awesome design, good taste and love.

Your flowlight-FS has a large variety of modes and features enabling infinite unique patterns, and effects. We've organized them into 4 pages of modes to keep it easy to navigate with a few types of **button presses**.

BUTTON PRESSES

Click: 0.3 seconds or less. A quick click, like a computer-mouse click. Multiple clicks, like a double-click on a computer mouse, will access different pages - 2 clicks for page 2, 3 clicks for page 3, and so on. You may discover this by accident by trying to cycle through the modes too quickly, and find a mode you've never seen!

Press: 0.3-0.75 seconds. The classic button-press, this is what feels "normal" to most people.

Long-press: 0.75-1.5 seconds. An indicator flash lets you know you can let go. This puts you into the "adjust" state to adjust the mode you are in.

Hold: 1.5 seconds or more. If the light is on, it will turn off, it will also remember your mode and any adjustments you might have made to it. When you press the button again, it returns to where you were. If it is off, it will display its battery's life estimate, then turn back off.

Save: 3.5 seconds. If you continue holding past "off", the pattern will be saved to the Favorites page and the light will turn back on.

Take me home!

To get back to page 1 from any other page, press the button to cycle through the modes until the light turns off. A single click or press will bring you back to the beginning: page 1 mode 1.

Note: If you press too quickly (less than 0.3 sec. each) it might register as a "click" and change what page you are in. if this is happening just go slightly slower :)

Tip: 5 quick clicks or more will take you to page 1 mode 1 instantly.

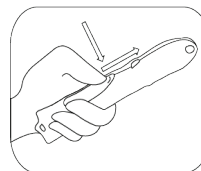
ADJUSTING MODES

Every mode has 1 parameter that can be adjusted. In most cases it's the color/hue, in others it's the speed/density of the pattern, or the brightness. To put a mode into its adjust state, do a long-press (hold for more than 0.75 sec., let go when the indicator flashes). The mode will then cycle slowly through its adjustment. When you see what you like, a button press will stop the adjust cycle, selecting that adjustment.

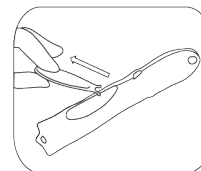


OPENING YOUR BATTERY DOOR

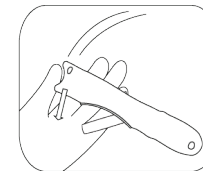
The battery door is integrated into the unique design of the body, spreads light around the battery and can be removed without tools. However it can be tricky to open, like a puzzle-box ;) Basically there is a tiny "latch" inside near the button that needs to be released. There is a **slight lip at the tip of the door near the button and the lip needs to go down towards battery lip, and forwards towards the head/button to release the latch.**



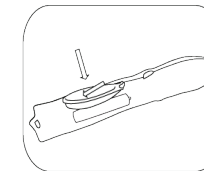
Push the front lip of the door **down and forwards** towards the button firmly. The back of the door should pop out. It may help to use a small object like a battery or the end of another flowlight.



Pull the door out to access the battery compartment. The antenna are very strong and durable. You can pull hard to remove the door. This is normal.



To remove the battery, pull on the clear battery pull tab, or tap the tail of the flowlight firmly against a firm surface. Battery may be snug,



Insert battery "+" end first towards the pointy head of the light. Ensure clear tab is placed correctly. Push battery "-" end down. Insert antennae of battery door. Push door down and back to secure it. Power up & enjoy!

NAVIGATING PAGES AND MODES :: The flowlight-FS has 4 pages, each with 10 modes.

Page 1: classics

1 click or press of the button from "off" brings you to page 1 mode 1 (p1m1). "Rainbow" the first of the "classic modes like bold, fire, water and other elemental modes. The last mode on this page (p1m10) is a new instant-classic: pulse, which responds to your moves, like stalls, bumps and wraps.

Modes: Rainbow • Rainbow drops • Bold • Lantern • Fire • Water • Earth • Air • Spirit • Pulse

Page 2: party

Click the button quickly 2x - you'll see the indicator flash 2x to let you know you're now on page 2. Subsequent presses take you through the 10 modes in that page, and each mode is adjustable. This page celebrates all that is fun and festive - it's where you'll find much-loved modes like candy, petals, and microdots, and cult-favorites like watermelon, freedom, and solar-flare.

Modes: Candy • Petals • Love • Watermelon • Freedom • Microdots • Unicorn • Blue blazer • Solar flare • Strobe

Page 3: perform

3 quick clicks takes you to page 3. The indicator flashes 3 times and you're now ready to perform. These modes are superbright, and battery life is the last thing on your mind. This page contains all the modes, with their full power unleashed. Just press the button to cycle through them, but be warned: the brightest ones may drain your battery in under an hour!

Modes: Flamebow • Alicorn • Liquid sugar • Rainbow dash • Fireball • Froth • Jammin • Bolder • Sunset • Daybreak

Page 4: favorites

4 quick clicks takes you to page 4 "favorites". Here you'll see your most recently saved pattern. You can select from your last 10 saved patterns by pressing the button to cycle through them. You can save any mode and adjustments you make to it by holding down the button until the light turns off and turns back on. This will also save a copy of any mode/pattern in Favorites to slot 1 (p4m4). You can use this to re-order your favorite modes without adjusting them!

You should be able to do this with your thumb. but if it's dirty or stuck you may need to use a hard object like a battery, or the tail of another flowlight works really well, to push down and forwards on the tip of the door. Do not push on the main body of the door itself – this will prevent it from unlatching. Don't worry, you WON'T break it!

Once you have released the battery door, you can pull the door firmly to separate the door from the light and access the battery compartment. Visit flowtoys.com for video instructions, or email support@flowtoys.com if you have any questions.

Inserting and removing the battery

The positive end of the battery (pointy end) points to the head of the flowlight (pointy end). Push the battery forwards and down. The springs are quite firm so push hard.

There is a transparent pull-tab in the battery compartment – make sure it's not blocking the contacts and that it goes under the battery for easy removal. A very firm tap on a table or other semi-hard object will also pop the battery out of the compartment.