

# FIREFLY 2+

USER MANUAL



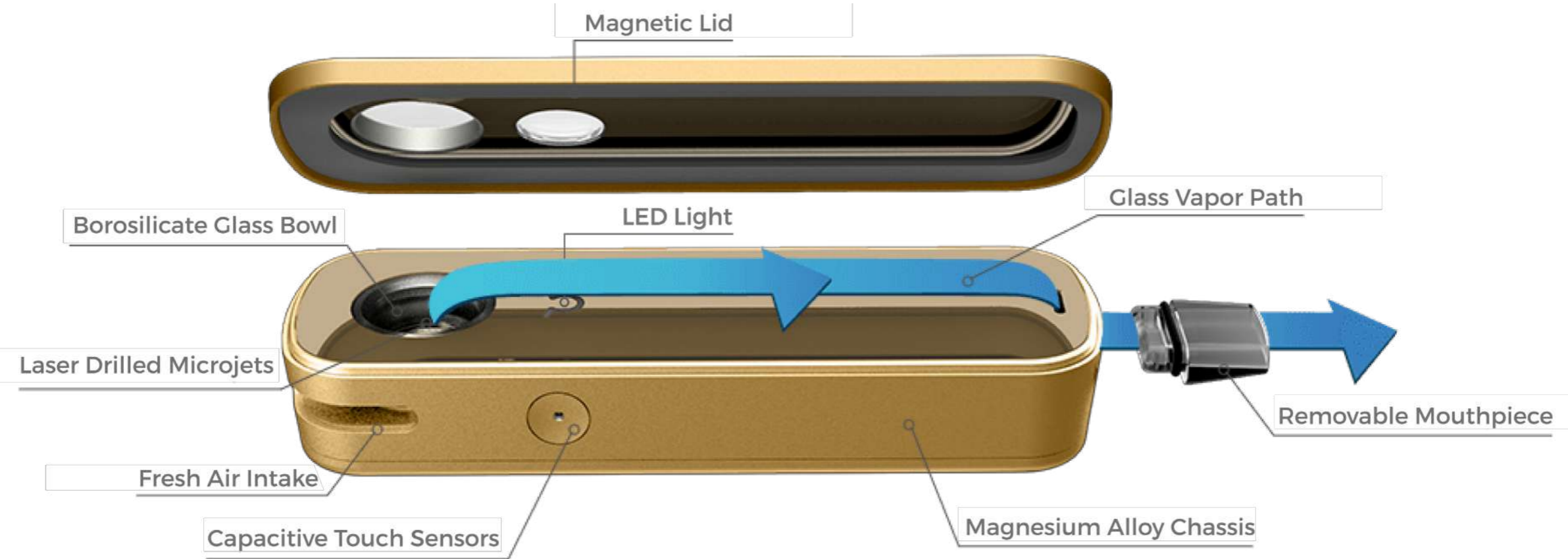
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# Meet Firefly 2+, your new best friend.

The more you get to know Firefly 2+, the more it can do for you. Your travel buddy is smart and you will find adventures are smooth under its guidance. Take care of Firefly 2+ and it will take care of you. And no matter what your final destination is, don't forget to enjoy the journey!

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## LED Behavior

Blinking Green: Firefly 2+ is heating. Solid Green: Firefly 2+ is ready to use.



Blinking Blue: While on dock: Battery is charging. Solid Blue: Battery is charged.



Blinking Red: Battery is low and needs charging.



Solid Red: Firefly 2+ need to cool down for a few minutes.



## Charging

1. Plug the cable into any standard USB adapter and connect to the Firefly 2+ charging dock.
2. Place the Firefly 2+ on the charging dock: the LED light blinks blue when charging and turns solid blue when fully charged.
3. For fastest charging: use a wall adapter that is 9 Volts or higher (i.e. tablet adapter). The charging time will increase to up to two hours if using a lesser power adapter or charging through another device, depending on the device's capacity.



## Packing Loose Leaf

1. Remove the magnetic lid by lifting up on either side.
2. Use coarsely-ground material. The grind should be small and crumbled but not too fine. A powdery grind will cause pull-through.
3. Fill the glass chamber slightly past the rim and tamp down gently.
4. Ensure the interior surfaces are completely free of debris for a tight seal.
5. Replace the lid and make sure it is seated correctly.
6. Make sure the glass chamber is completely filled with material for best performance correctly.



## Vaping Loose Leaf

- Touch and glow. Place fingers on both touch sensors to start heating.  
**IMPORTANT:** Place fingers lightly on touch sensors (as if you are tapping a smart-phone). Do not press down or use excessive force.
- The LED will blink green two times then turn solid green. Solid green means it's ready. Watch for the glow!  
**IMPORTANT:** The Firefly will turn off after 30 seconds of holding the touch sensors, and the heating coil will not glow as bright towards the end of a vape session.
- Continue to hold the touch sensors while you inhale for 10 seconds with a long, deep draw.  
**IMPORTANT:** For a denser vapor, inhale more deeply for a few more seconds. To further customize vapor, See the Tips and Tricks section later in this document.
- Release touch sensors to stop heating.
- After 8-10 draws, you can stir the contents of the heating chamber get another dense 3-4 draws from your bowl.



## Packing Concentrates

- For optimal concentrate use, either download the Firefly app and use the “Concentrates” temperature setting or set the temperature manually from the device. (Refer to page 14 for instructions).
- Place concentrate pad in heating chamber and press firmly into the bottom of the heating chamber.
- Place small amount of concentrate material on the center of the pad. A little goes a long way!

**Solid:** About the size of a grain of rice

**Liquid:** 2-3 drops

**IMPORTANT:** Do not overfill pad.

- Replace the lid and make sure it is seated correctly.





## Vaping Concentrates

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**IMPORTANT:** For a denser vapor, inhale more deeply for a few more seconds. To further customize vapor, See the Tips and Tricks section later in this document.

- Release touch sensors to stop heating.
- Make sure to take an extra long pull on your first draw from your concentrates bowl. This allows all the concentrate material to melt into the pad so it can vaporize during the course of the rest of your bowl.



## Heating Chamber

- Use small brush and tooth pick to get out larger particles, then swipe clean with alcohol wipe.
- Allow chamber to dry completely before vaping.

**IMPORTANT:** Do not pour alcohol into the heating chamber.

## Vapor Path

- Use alcohol wipes to clean surfaces of vapor path on the chassis and the lid.

**IMPORTANT:** Be gentle when wiping down the top lid to avoid damaging the gasket. DO NOT WIPE THE SILICON GASKET ITSELF.

## Concentrate Pad Removal

- Material in the pad can become sticky. Preheat the Firefly 2+ for 10-15 seconds to loosen any extra material and then use the pick from the cleaning kit to pry up the edges of the pad and remove.
- Cleaning the concentrate pads is not recommended.

**IMPORTANT:** Please remove your battery before cleaning your device.

## Mouthpiece

- Hold Firefly 2+ in one hand and push mouthpiece to one side with other hand. Wiggle left and right until removed.
- Remove particulate with enclosed cleaning pick.
- Replace mouthpiece one side at a time until it clicks into place.



## Removing and Replacing

1. Remove the battery door by pushing forward at the arrow.
2. Insert battery into compartment and slide cover back into place.
3. Replace battery door: place door on the back side of Firefly 2+, with the arrow side closest to the mouthpiece, positioned just above the edge of the Firefly 2+. Press down from top to click into place.

**IMPORTANT:** Please remove your battery before cleaning your device

## Battery Life

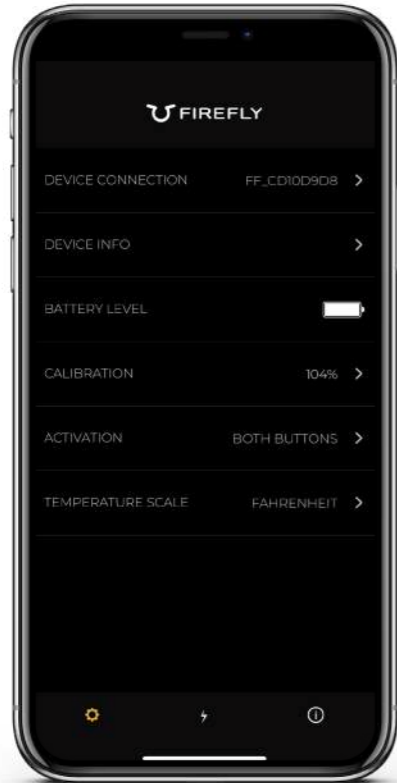
To check battery level, tap the right touch sensor three times quickly and watch the LED indicator.

- Four Blue Blinks: 100% charge
- Three Blue Blinks: 75% charge
- Two Blue Blinks: 50% charge
- One Blue Blink: 25% charge
- Blinks Red: All done. Time to charge your Firefly 2+.



## FIREFLY APP

The Firefly app is free and available to download at the iTunes and Android app stores, or at [www.thefirefly.com/support](http://www.thefirefly.com/support).



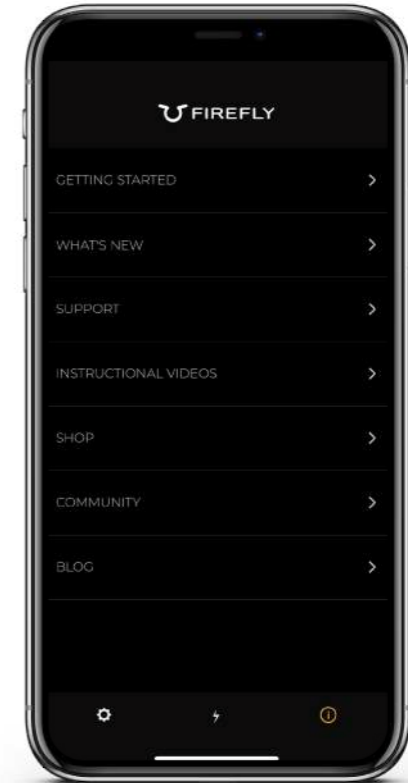
### DEVICE SETTING

Fully customize your experience by renaming your device, calibrating your device, setting your touch sensor activation, viewing battery level, and more.



### TEMPERATURE CONTROL

Set the maximum temperature for your draw. Temperature will increase across each draw from room temperature all the way up to the maximum set on the app.

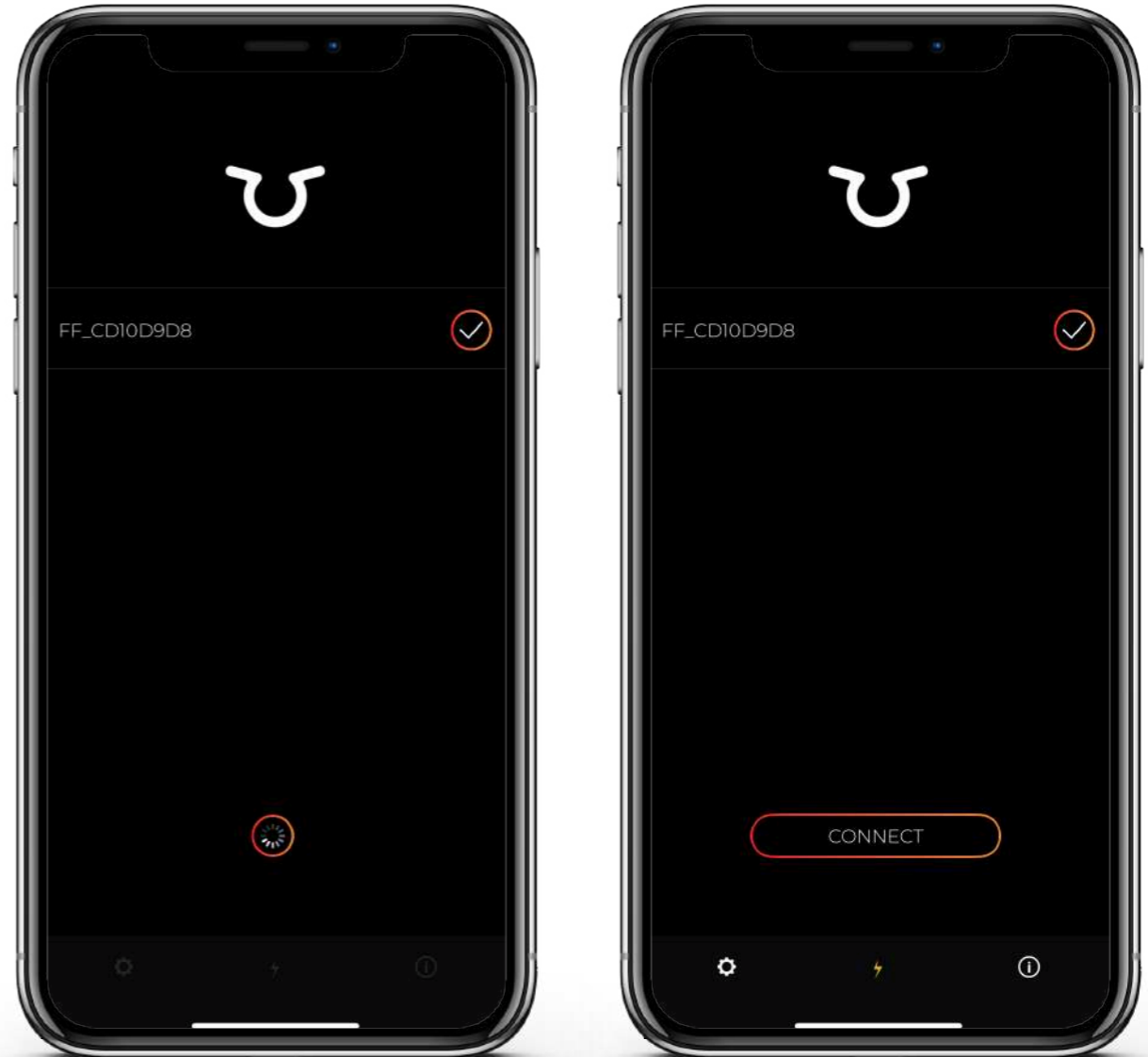


### INFORMATION CENTER

Watch instructional videos, Read FAQ's, Shop for accessories, Connect with Firefly community.

## Pair Your Device

- Firefly 2+ should be at least partially charged and your phone's Bluetooth must be turned on. For some Android phones, the Firefly app must access location services as well. We do not gather location data, it is simply used to pair your phone with the app.
- Place fingers on Firefly 2+ touch sensors, the LED will blink green, then release. Firefly is now in pairing mode.
- The app will bring up pairing screen and you will be able to select your device and click "Connect".
- Firefly 2+ will blink blue to indicate it's connected.
- If you want to recognize your device in the pairing screen, you can change the device name from the Device Info tab in the Settings Menu.

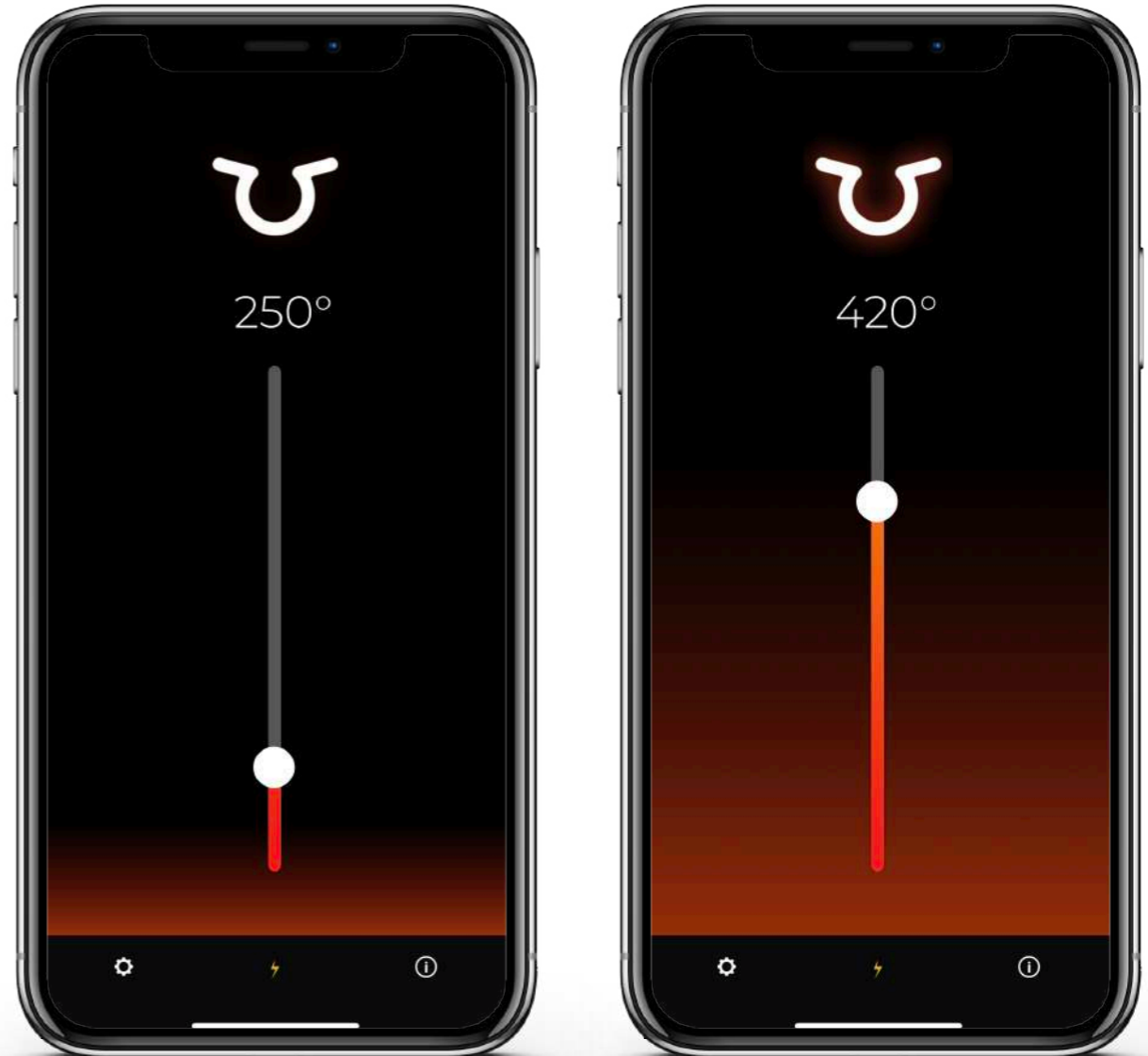


## Heating Control: In App

- Choose a temperature between 200 F and 500 F by increments of 10 F (5 C) .
- Once the temperature is set in the app, Firefly 2+ will remain in that temperature until another temperature is selected. The default temperature is High at 420 F.
- Firefly 2+ will blink green to confirm the new temperature has been applied.

CONCENTRATES	450 - 500
HIGH	420 - 440
MEDIUM HIGH	390 - 410
MEDIUM	360 - 380
MEDIUM LOW	330 - 350
LOW	300 - 320
ULTRA LOW	200 - 290

**IMPORTANT:** Concentrates setting will cause combustion if used with loose leaf material!



## Heating Control: From Device

- Press and hold the right button.
- Tap the left button 3 times quickly, just like checking the temperature (while still holding the right button).
- This puts the Firefly 2+ into “temperature setting” mode.
- The LED blinks red 1 to 7 times, to indicate what the current set temperature is.
- Tap the left button again (while still holding the right button) now sets the temperature to:

<b>7 TAPS (CONCENTRATES)</b>	<b>500</b>
<b>6 TAPS (HIGH)</b>	<b>420</b>
<b>5 TAPS (MED HIGH)</b>	<b>400</b>
<b>4 TAPS (MED)</b>	<b>380</b>
<b>3 TAPS (MED LOW)</b>	<b>360</b>
<b>2 TAPS (LOW)</b>	<b>340</b>
<b>1 TAP (ULTRA LOW)</b>	<b>320</b>

**IMPORTANT:** Concentrates setting will cause combustion if used with loose leaf material!

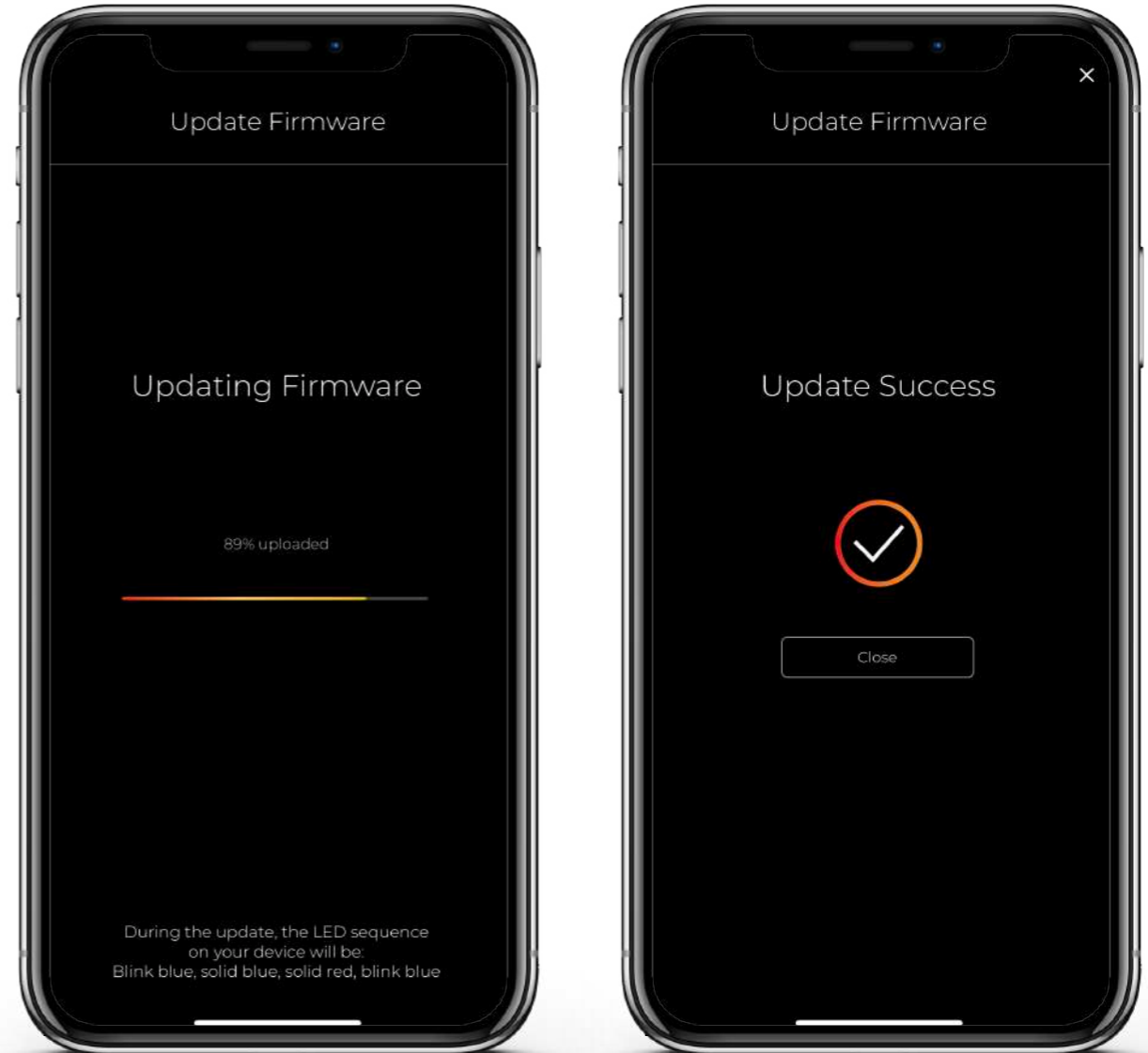


## Firmware Update

- Download the latest version of the Firefly app.
- Make sure you are connected to the internet and Bluetooth is turned on.
- Connect your device.
- If a new version is available, the app will automatically update your firmware.
- When completed, a window will appear saying “Update Success.”
- To check the firmware version on your device, click “Device Info” on the “Settings.”

## Troubleshooting

- Occasionally the update process will not complete successfully. If this is the case, a message will be shown communicating this and present a button that says “Try Again.”
- Press “Try Again” and the update will resume it’s process until completed.
- The primary reason this can happen is intermittent outages of Bluetooth/internet connectivity.



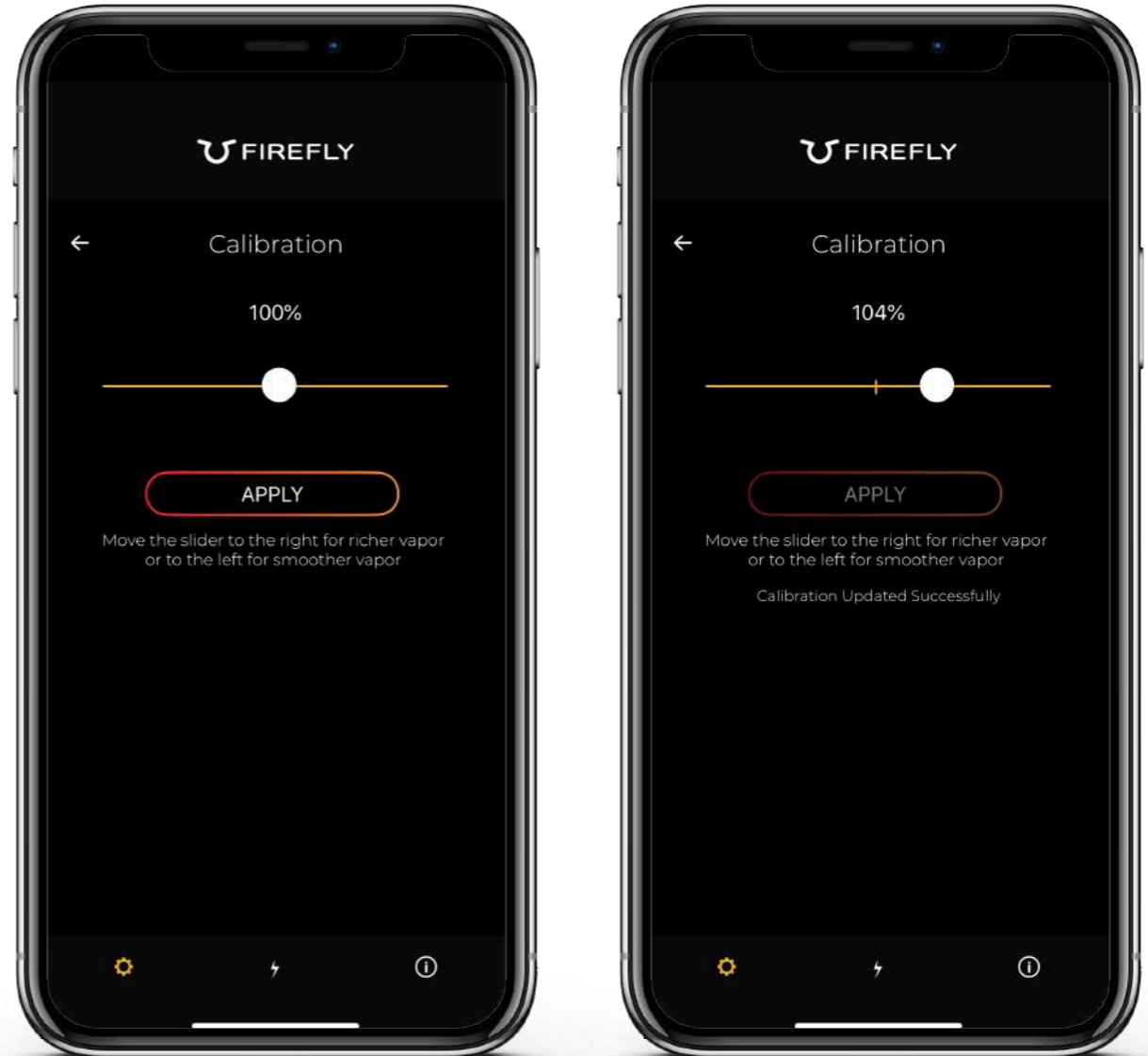


## Calibration

Give your vapor production a boost with the Calibration feature. Adjust the universal output of your device, one percentage at a time!

- Open Calibration screen from Settings menu.
- Move the slider to the right or left to adjust the percentage level, and click “apply.”
- This change is universal and affects all heating profiles.
- The percentage setting will be saved onto your Firefly 2+ until you change it again.
- The best way to find your “sweet spot” is to experiment and find what works best for you. There is no right or wrong setting!

**PLEASE NOTE:** We recommend leaving the Calibration set once you find your “sweet spot”. Unlike heating profiles, this is not something you’ll need to adjust regularly.



## TIPS AND TRICKS

### How to Get More Vapor

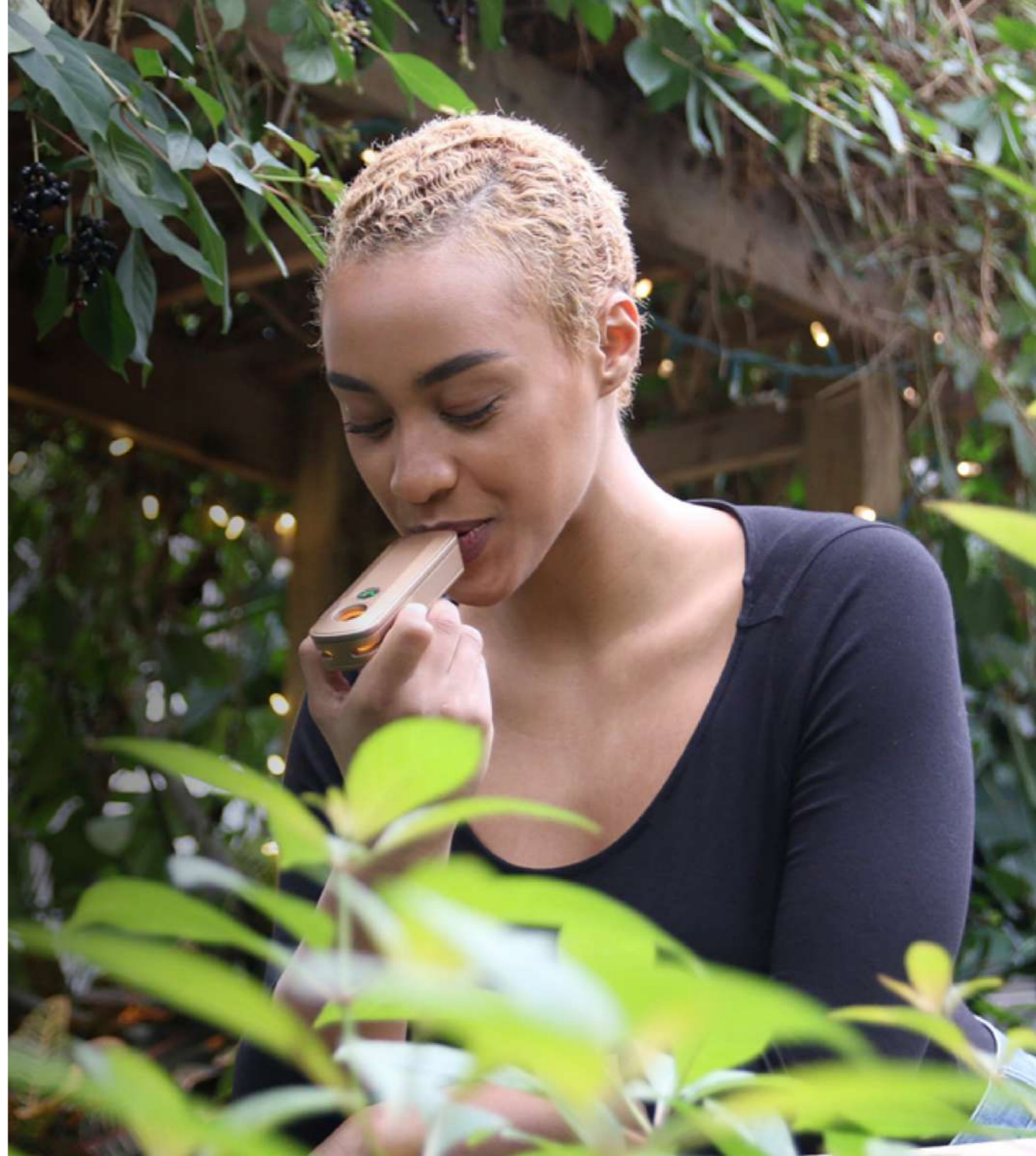
- Take deeper, longer inhalations. Inhale for at least 10 full seconds.
- Check your heat settings in the app and try a higher setting (do not use concentrates setting for loose-leaf to avoid combustion).
- Clear the vapor path and re-seat the lid; make sure it is on snug.
- Remove the mouthpiece to clear particulate matter; then replace the mouthpiece firmly.
- Experiment with packing the bowl more tightly or loosely, as the air flowing through your coarsely ground material greatly affects the vapor production.
- After packing the bowl, you can use a toothpick to poke a few holes in the ground material to maximize airflow.

### Battery Life

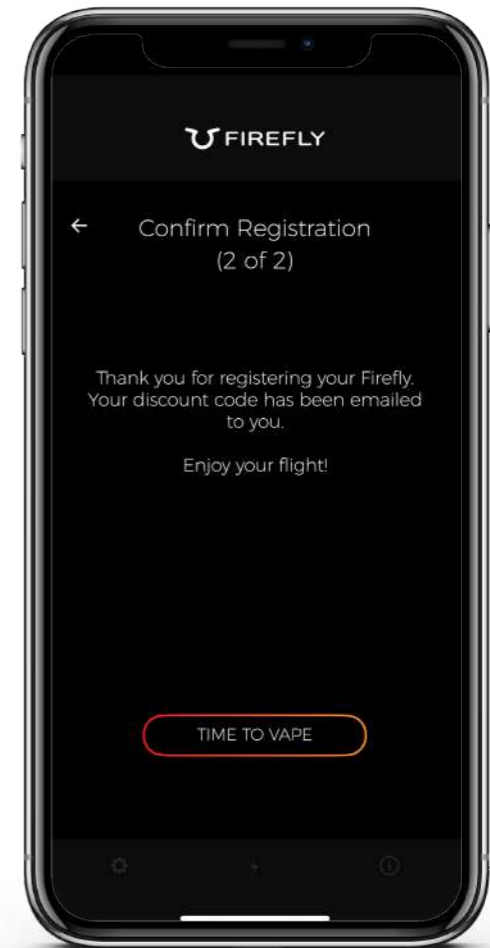
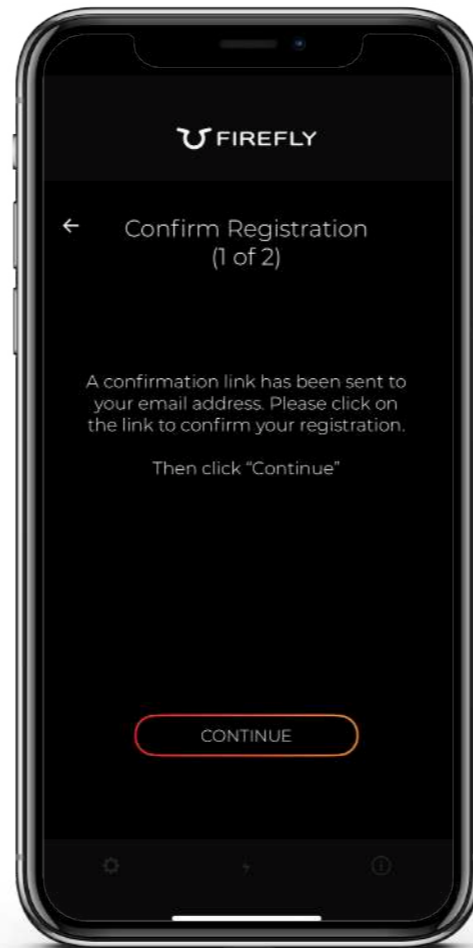
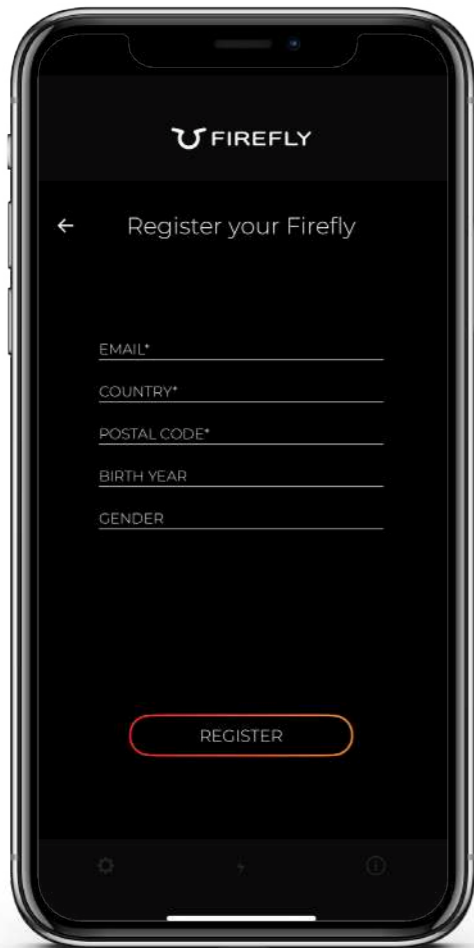
- Only activate touch sensors while you are vaping and remind your friends of this when they vape with Firefly 2+ for their first time.

### Concentrates

- Do NOT overfill pad. If you already overfilled the pad and the concentrate dripped inside the heating element, use lancet from official Firefly Cleaning Kit to poke out the holes on the restrictor plate.



Be sure to register your Firefly 2+ to activate your warranty and stay in touch about the latest and greatest Firefly news. Our privacy policy is that we will not share, trade, or sell your personal information. Ever.



Use only Firefly cleaning implements. Never place the Firefly chassis in liquid. Clean the Firefly only when it is cool.

Please remove battery before cleaning your device.

Environmental Conditions:

Ambient Temperature: 50 - 105°F (10 ~ 40°C) Ambient Humidity: 65+/-20%RH

FCC code; 2AGT3

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the

FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful

interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. IC Caution:

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Hereby, NWT Holdings Inc, declares that Firefly 2+, is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Environmentally friendly disposal:

You can help protect the environment! Please remember to respect the local regulations: hand in the non-working electrical equipments to an appropriate waste disposal center.