

Rev. 1.0

Sanitizer 2020

Hands-Free Sanitation



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HACKSTER CREW 2020

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1. Safety Precautions

- 1.1. Read the entire user manual before using this product. Failure to do so could result in serious injury or death.
- 1.2. Keep device out of the reach of children.
- 1.3. Do not expose device to rain or snow.
- 1.4. Use this device in non-recommended methods may result in risk of fire or electric shock.
- 1.5. Do not disassemble this device. Take it to a qualified service person when service or repair is required. Incorrect repair may result in a risk of fire or electric shock.
- 1.6. To reduce the risk of damage to electric cables, pull by the connector rather than the cable when disconnecting.
- 1.7. Do not operate the device with a damaged power cable.
- 1.8. Exposure to fire or temperatures above 100°C may cause explosion.

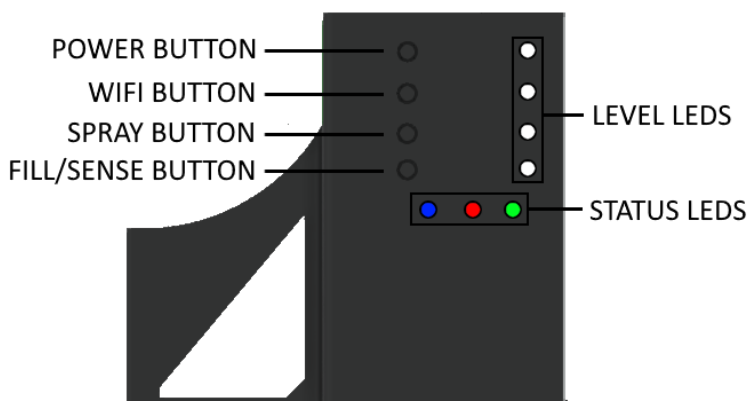
- 1.9. Clean device with a dry cloth. Avoid cleaning the device using harsh chemicals.
- 1.10. Only use approved sanitation liquids in the device, including water or 70% isopropanol.
- 1.11. Do not point spray nozzle towards people or pets.
- 1.12. If sanitation liquid comes in contact with your skin, immediately wash the area with soap and water. If the liquid enters your eye, immediately flood the eye with cold water for at least 10 minutes.

2. Quick Start

- 2.1. Fill the sanitizer container with sanitizing liquid. It may be easier to fill the container when it is removed from its cubby. Make sure the input tube reaches to the bottom of the container.
- 2.2. Securely mount the device using the screw mounting holes, double sided tape, or zip tie. Make sure to mount the device relatively level to prevent sanitizing fluid from leaking out of the container.
- 2.3. Aim the nozzle at the surface to be sanitized. The nozzle should be between 3-6 inches [8-15 cm] from the surface.
- 2.4. Power the device by plugging in the power cord to a 5V USB wall charger or the supplied USB power bank. If using the power bank, make sure it is securely mounted in the battery bank cubby.
- 2.5. Press and release the Power button. This will initialize the device and all the LEDs will blink twice to verify proper operation.
- 2.6. Prime the device by pressing and releasing the Pump button between 5-15 times, until sanitizing liquid comes out of the nozzle.
- 2.7. Verify the device is performing as desired with the correct sensor sensitivity and time delay. If this needs to be adjusted see Section 6.
- 2.8. If you desire to enable the WiFi features of this device, see Section 5.

3. Features

- 3.1. See Section 4 for detail on the buttons, status LEDs and level LEDs shown in the figure below.



4. Control Panel

4.1. Status Lights meaning:

All Blinking – Device is in one of the 3 configuration modes.

Solid Green – Surface sanitized.

Solid Blue – Object detected within sensor's range.

Solid Red – Device is sanitizing the surface, please wait until the red light goes off to allow time for the sanitizing solution to disinfect the surface.

4.2. Level Lights meaning:

During normal use, the level lights represent the fluid level as follows:

4 LEDs On – 100%-80%.

3 LEDs On – 80%-60%.

2 LEDs On – 60%-40%.

1 LED On – 40%-20%.

0 LEDs On – 20%-0%.

During configuration mode, when all the status lights are blinking, these level lights have different meanings. See Section 5 and 6 for more information.

4.3. Power Button:

Press – Turns on/off the device.

4.4. WiFi Button:

Press – Nothing.

Hold – Enters WiFi configuration mode, See Section 5.

4.5. Spray Button:

Press – Sprays one dose of sanitizing liquid.

Hold (3 seconds) – Enters spray configuration mode 1, See Section 6.

4.6. Fill/Sense Button:

Press – Reset the fill level counter to 100%.

Hold – Enters spray configuration mode 2, See Section 6.

5. WiFi Configuration

5.1. WiFi capabilities coming soon in select models.

6. Spray Configuration

6.1. There are two spray configuration modes:

Mode 1 – Adjusts the sensor distance sensitivity.

Mode 2 – Adjusts the time delay after the sensor was last triggered before spraying.

6.2. To enter Mode 1, press and hold down the **spray button** for 3 seconds. All three indicator lights will blink once the device is in the configuration mode.

6.3. Mode 1 has five distance settings for the sensor indicated by the level lights:

4 LEDs On –12" [30 cm]

3 LEDs On –8" [20 cm]

2 LEDs On –6" [15 cm]

1 LED On –4" [10 cm]

0 LEDs On – Sensor Off

If the sensor is off the device can be used by manually pressing the **spray button** each time you wish to dispense sanitizing solution.

6.4. To switch between settings, press and release the **spray button** until the desired number of LEDs are on.

6.5. To save the setting and get out of mode 1, press and hold the **spray button** for 2 seconds. It will be back into the main mode when the status lights stop blinking.

6.6. To enter Mode 2, press and hold down the **fill/sense button** for 3 seconds. All three indicator lights will blink once the device is in the configuration mode.

6.7. Mode 2 has five delay settings indicated by the level lights:

4 LEDs On – 30 seconds

3 LEDs On – 20 seconds

2 LEDs On – 10 seconds

1 LED On – 5 seconds

0 LEDs On – 1 second

6.8. To switch between settings, press and release the **fill/sense button** until the desired number of LEDs are on.

To save the setting and get out of mode 2, press and hold the **fill/sense button** for 2 seconds. It will be back into the main mode when the status lights stop blinking.

7. Maintenance Instructions

7.1. Before use and on a daily basis, inspect the device for any damage to the housing, power cable, or sanitizer container. If any damage is found stop using the device until the device be repaired.

7.2. When device is not in use and before performing maintenance, make sure the power cable to the unit is disconnected.

7.3. Clean the device by using a dry cloth to wipe off all exterior surfaces of the housing, power cable and nozzle.

7.4. Do not open the unit, as there are no user serviceable parts. All servicing should be completed by qualified personnel.

8. Storage Instructions

8.1. If storing the device with a USB power bank, make sure the USB power bank is fully charged. Charge the USB power bank at least once every 3-6 months to prevent over-discharge. This can help prolong the life of the USB power bank.

8.2. When storing this device, make sure to empty the sanitizer container. Once the container is empty, power on the device and purge the tubing of fluid by pressing and releasing the **pump button** until no more sanitizing liquid comes out of the nozzle.

8.3. Store this device at temperatures between -4°F - +104°F [-20°C - +40°C].

9. Troubleshooting

9.1. If device still doesn't function properly after following the troubleshooting steps, contact us for additional help.

9.2. Device doesn't power on.

If using battery bank, verify it is charged and operating properly.

If using 5V USB wall supply, verify it is plugged in and that the outlet has power going to it using another device like a lamp.

Verify power cable is not visually damaged.

Verify power cable is securely connected at both the ends.

9.3. Device doesn't connect to WiFi Network.

Verify device has the WiFi option. This will be visible as a WiFi sticker on the back of the device housing.

Verify that the correct WiFi network and password combo are being entered into the device.

10. Specifications

10.1. Fluid Type: 70% Isopropyl Alcohol; Capacity: 16 oz

10.2. Battery Bank Capacity: 6700 mAH (Optional)

10.3. Typical Battery Life: 10+ hours @ 1 spray per 5 minutes

10.4. Connectivity: WiFi (Optional)

11. Replacement Parts / Accessories

11.1. Replacement parts and accessories are coming soon.