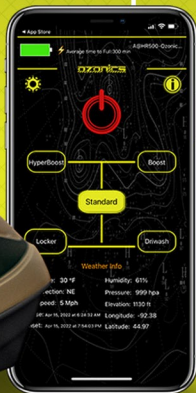


# OZONICS HR500



## USER MANUAL

**OZONICS**

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# A MESSAGE FROM THE TEAM

Thank you for your recent purchase of the Ozonics HR500 scent elimination unit. We appreciate your business, and look forward to helping you maximize your opportunities while getting the most out of your hunting experience.

This User Manual is intended to provide you with the information you need for using, maintaining and storing the HR500 safely and effectively. It is important that you read this manual and strictly follow the instructions included within. Our team is here to help if you have any questions along the way. Please reach out to us at [979.285.2401](tel:979.285.2401) or [support@ozonics hunting.com](mailto:support@ozonics hunting.com) with any questions.

## **! WARNING:**

**Prolonged exposure to high concentrations of ozone may cause mucous membrane or respiratory irritation.**

### **To prevent serious injury or death:**

DO NOT operate any ozone generator, including the Ozonics HR500 if you have any breathing or lung related issues, especially asthma.

Should users experience any symptoms after exposure to ozone, like a scratchy throat or watery eyes, users should either ventilate the space by opening windows and/or clear the space of people and pets again and wait a longer period for the ozone to dissipate.



# WHAT'S IN THE BOX

## HR500



# WHAT'S INCLUDED



**XL  
BATTERY**



**BATTERY  
CHARGER**



**SMART ARM  
MOUNTING  
SYSTEM**



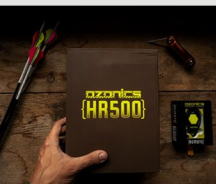
**RUBBER  
OVERMOLDED  
T-SCREW**



**EZ MOUNT**

# QUICK START GUIDE

1. Remove the HR500 from the packaging and remove the battery. The battery has a label protecting the contacts. **REMOVE THE LABEL AND DISCARD.**
2. Remove battery charger from packaging and plug in.
3. Place battery into the battery charger until the LED turns green. The area in which the batteries are charging and the batteries themselves must be above 55° F or battery may not charge or may take longer to charge. Recommended temperature for battery charging is 55° to 85° F. When battery is fully charged, remove the battery from the charger and place into the battery slot located on the bottom of the HR500 unit, making sure the battery is fully inserted.
4. Press Power button to turn HR unit on.
5. The HR500 always starts in Standard Mode (STD). Use the Mode button to change between Modes.



For additional information visit: [www.ozonicsshunting.com](http://www.ozonicsshunting.com)

**OZONICS**

# OPERATING INSTRUCTIONS

## Turning On

### TURN THE OZONICS UNIT OZONE GENERATOR ON OR OFF WITH THE POWER BUTTON

To turn the unit ON, simply press and hold the power button until the power and Mode buttons illuminate, along with the standard (STD) indicator and battery level indicator. Release the power button and the battery level indicator lights will illuminate from top to bottom in sequence. The fan will start and the unit will begin producing ozone within 10-30 seconds.

You can also turn the unit on via the Ozonics App and your smart phone. Download the app from the App store, pair your Ozonics unit, and use the power button to power on the unit (See page 8 for Ozonics App Instructions).

### WARNING:

### ELECTRICAL DEVICE

Because the HR500 is an electrical device, please take appropriate steps while operating this device to prevent the risk of electric shock.



# OPERATING INSTRUCTIONS



## Mode Selection

### CHOOSE BETWEEN STANDARD (STD), BOOST, HYPER BOOST, OR DRIWASH MODE

The Unit Features a “Mode” button, which will change the ozone output from STD to Boost, and then to HYPER BOOST, and finally to DRIWASH.

**STD Mode:** When the unit is turned on, the HR 500 first starts in STD mode. The STD mode was designed, and is recommended, for hunting in a blind or any closed-air environment.

**BOOST Mode:** To change to BOOST, push the mode button and release. The “BOOST” indicator will illuminate along with the power and Mode buttons. The Boost mode was designed for, and is recommended for, hunting in a tree stand or open-air environment.

**HYPER BOOST Mode:** Pressing the mode button again will activate HYPER BOOST. The “HYPER BOOST” indicator will illuminate along with the power and Mode Buttons. HYPER BOOST provides approximately 25% more Ozone output for times when you want more ozone production to overcome environmental conditions or to provide an added sense of security during peak animal activity.

**DRIWASH Mode:** If the mode button is pressed again the unit will change to the DRIWASH setting. The DRIWASH indicator will illuminate, and the fan speed will increase. Pressing the mode button again will change the unit back to the STD setting. You can use the Ozonics app to perform these same functions.

# OPERATING INSTRUCTIONS

## DRiWASH Instructions

DRiWASH Mode is used in companion with the DRiWASH bag or O.N.E. Locker (both sold Separately). The HR500 will run for approximately 10 minutes during the DRiWASH mode and then turn itself off.

### **For DRiWASH Bag Use:**

First, hang the DRiWASH bag up and loosely hang your clothing or gear inside. Then zip the front panels closed. Place the HR500 with the fan pointing up in the docking station on the top of the DRiWASH bag so the output of the unit projects into the hole in the back of the slot. Secure the unit in the DRiWASH bag with included straps. Turn the unit on cycle through the Mode settings by pressing the Mode button until the DRiWASH indicator illuminates.



### **For O.N.E. Locker Use:**

First, set up the O.N.E. Locker and loosely hang your clothing or gear inside. Then zip the doors closed. Place the unit in the docking station located on the bottom of locker so the fan is facing out and the output of the unit is projected into the locker. Turn the unit on and cycle through the Mode settings by pressing the Mode button until the DRiWASH indicator illuminates.





# OPERATING INSTRUCTIONS

## Pairing with Ozonics App

### How to Use the Ozonics App

1. Download the Ozonics App from the Apple app store or for Android from the Google Play app Store.
2. Turn on the power to your Unit. Once power is on, please allow 60 seconds for the Bluetooth function to turn on and start broadcasting.
3. Open the Bluetooth setting on your phone, and follow the pairing instructions.
4. Select the Ozonics Unit for your device to pair with.
5. Follow the pairing instructions.
6. Choose Between the modes. To change the modes within the app simply press the appropriate button in the app for the desired mode. When changing modes, the LED on the Unit will illuminate confirming the mode you are in.
7. When the unit is turned on, it will first start in STD mode.

### Pairing Remote to the HR500

1. Turn on the HR500.
2. Hold the remote button down until the light blinks blue.
3. Unit will pair automatically.
4. **ONLY HAVE ONE UNIT TURNED ON AT THE TIME OF PAIRING.**

#### Scan to download app



Apple App Store



Google Play Store



# OPERATING INSTRUCTIONS



## Product Usage

### Treestand Use

1. Attach the tree T-Handle mounting screw provided so the Ozonics ozone generator will be approximately 6-12 inches above the top of your head (while standing).
2. Connect the Ozonics ozone generator to the SMART ARM Tree mount, ensure that it is facing downwind, that it is getting proper air flow and is pitched slightly downward at a 30 degree angle. Increase downward angle as wind increases.
3. Turn the Ozonics ozone generator on, (see operating instructions on subsequent pages) If you smell Ozone other than the occasional wind speed or direction change, you are improperly set up. Determine the new wind direction and correctly position the HR 500 facing in the downwind direction- this is known as "chasing the wind". With an Ozonics unit, always chase the wind.

### Blind Use

1. Determine dominant wind direction. To control airflow in your blind, slightly open a window on the downwind side of the blind to create an exit for your scent. Position the unit so that the ozone generators will be as close as possible to the opening in the blind aimed toward the downwind ventilation. The goal is to hyper-ozonate human scent as it leaves the blind through this single location.
2. Do not direct the ozone at any occupant of the blind. Ozone is slightly heavier than ambient air and in the absence of airflow can pool in low areas and create an excess of ozone.
3. Turn the Ozonics ozone generator on (see operating instructions in subsequent pages.) **Do not operate an Ozonics Unit generator on Boost or Hyper Boost mode in a ground blind.**
4. IF you smell ozone, other than the occasional change in wind speed or direction, you are improperly set up and you need to rethink your air flow plan. First, determine new wind direction as it may have changed. Then think about how a chimney and flue operate - you want the smoke (your scent) to exit through the chimney (the downwind hole you created) where it can be destroyed by your ozone and not flow back into your living room (the area you are hunting) without being treated.

# BATTERY HANDLING INSTRUCTIONS

## Battery Level Indicators

On the left side of the faceplate are four battery level indicator LEDs. Next to each LED is a battery level symbol indicating the amount of remaining capacity in the battery. The top LED indicates 100-75%, the second indicates 75-50%, the third 50-25% and the bottom LED indicates less than 25%. The “Smart Battery” platform of the Unit and battery allow the Unit to better gauge the precise level of run time left in the battery based on the current mode setting. The Ozonics App, when properly paired to your unit will also indicate the remaining battery life.

## Low Battery Warning

When the unit determines there is less than 20 minutes of battery run time remaining, the bottom red LED will flash once every 20 seconds. When the battery has been fully depleted, the bottom red LED will flash for approximately 5 seconds and then the unit will turn itself off.

## Battery Charge Level Note

When you receive your unit the battery will have a partial or reduced charge, you should fully charge the HR 500's battery using the charger before use. To get optimal performance out of your unit always start your hunt with a fully charged battery.

# BATTERY HANDLING INSTRUCTIONS

## Charging the Battery

To charge the battery, plug the AC cord into the power supply, and then into an AC outlet. The green light on the power supply will illuminate, letting you know it's functioning properly.

Plug the DC barrel connector into the back of the unit's charger. Allow 10 seconds before you place the Unit's battery into the charger (the charger performs a self-check).

If you put the battery into the charger before 10 seconds, the charger might:

- a) display no LEDs at all or
- b) the red LED might flash.

If either of these happens, remove the battery, wait 10 seconds and then re-insert the battery. The red "charging" LED should illuminate. Leave the battery in the charger until the red LED turns off and the green "ready" LED illuminates.

The Unit's battery needs to be charged in a dry location in the temperature range of 55°F-85°F.



# BATTERY HANDLING INSTRUCTIONS

## Battery Transport

### TRANSPORTING BATTERIES WITHIN PASSENGER BAGGAGE

Certain restrictions apply to the carriage of lithium ion batteries when carried by passengers as baggage.

Ozonics™ original batteries have successfully passed testing outlined in Part III, Sub-Section 38.3 of the UN Manual of tests, allowing them to be carried in passenger baggage.

Because of the risks associated with the carriage of batteries, these may **NOT be transported within passenger CHECKED BAGGAGE. Batteries MUST be in CARRY-ON BAGGAGE.**

Batteries must be installed in the device or individually protected to prevent short circuit by insulating the terminals (e.g., taping over terminals, or by placing batteries in a separate bag or protective pouch).

Although not defined, a “reasonable” number of spare batteries can be carried within a passenger’s carry-on baggage in context of the equipment used by the passenger and his or her itinerary.

For more information on traveling with Lithium-Ion batteries, visit [www.safetravel.dot.gov](http://www.safetravel.dot.gov)

# HEALTH & SAFETY

## WARNING - OZONE EXPOSURE:

Prolonged exposure to high concentrations of ozone may cause mucous membrane or respiratory irritation.

### To prevent serious injury or death:

DO NOT operate any ozone generator, including the Ozonics HR500 if you have any breathing or lung related issues, especially asthma.

Should users experience any symptoms after exposure to ozone, like a scratchy throat or watery eyes, users should either ventilate the space by opening windows and/or clear the space of people and pets again and wait a longer period for the ozone to dissipate.

## WARNING - ELECTRIC SHOCK:

The HR500 operates in excess of 10,000 volts.

### To prevent serious injury or death:

1. DO NOT operate near water.
2. DO NOT operate near children or let them operate it.
3. DO NOT allow loose flammable materials to enter the inlet end of the machine.
4. DO NOT operate near any flammable gases or other flammable materials.
5. DO NOT immerse in water or use any chemicals to (e.g., gasoline, kerosene, acetone, etc.) to clean the housing or battery.
6. DO NOT modify in any way. Do not sand, drill, file or remove parts from Ozonics HR500.

# HEALTH & SAFETY

7. DO NOT open the Ozonics HR500 with the purpose of inspecting the components. There are no user serviceable parts inside the unit. Opening the Ozonics HR500 will void your warranty. Use “common sense” pre-caution when using the HR500.

If you have any questions about potential risks of using this electrical device, please contact our Customer Service line at **979.285.2401** before use.

## **WARNING - FIRE**

### **Risk of Fire and Electric Shock. No User-Serviceable Parts.**

#### **To prevent serious injury or death:**

1. DO NOT charge unattended.
2. ONLY use original lithium-ion battery packs.
3. DO NOT use the battery pack or charger for any use other than its intended purpose. The battery pack voltage must match the battery charger voltage.
4. DO NOT expose to rain or allow any liquids on or inside the HR500. The risk of electric shock and the potential for fire are increased should the unit, charger or battery pack be exposed to water or submerged in liquid of any kind.
5. DO NOT charge the HR500 when ambient temperatures are below 32°F (0°C) or higher than 100°F (38°C). Do not charge in direct sunlight.
6. ALWAYS inspect the battery charger and cords prior to each use. If dropped or damaged, do not use the charger and discard immediately.
7. DO NOT use if the battery pack is dropped, punctured, crushed &/or dented. Contact Ozonics to order a replacement battery pack.
8. DO NOT modify battery pack in any way.
9. DO NOT use the battery pack if it shows visible damage. The battery pack may emit smoke or gases if it becomes damaged or is used incorrectly. Respiratory tract irritation may occur, and users should seek medical attention if they experience any adverse effects. Do not allow any others to approach the BLANK. For assistance, please call **979.285.2401** or email [info@ozonicsshunting.com](mailto:info@ozonicsshunting.com).

# HEALTH & SAFETY

10. Battery leakage may occur under extreme usage or temperature conditions. Avoid contact with skin and eyes. Battery liquid is caustic and could cause chemical burns. If battery liquid comes in contact with skin, wash quickly with soap and water. If the liquid contacts your eyes, immediately flush eyes with water for several minutes and seek medical attention.
11. DO NOT force the battery pack into the HR500. The battery pack should not be excessively difficult to insert or to remove.
12. Battery charging times may increase with battery age and usage.
13. ONLY grab the charger by the plug and not the cable when plugging and unplugging from the wall.
14. DO NOT place the charger or the battery pack near flammable materials. Ensure the battery pack is completely dry and is placed on a fireproof surface before charging. There is a risk of fire due to the heat generated during charging.
15. ALWAYS keep the battery pack and charger away from children.

**DO NOT immerse in water or use any chemicals to (e.g., gasoline, kerosene, acetone, etc.) to clean the housing or battery.**



# WARRANTY & SERVICE

## Manufacturer's Warranty

**HR500:** 1 Year from purchase date

**Ozonics Batteries and Accessories:** 1 Year from purchase date

Manufacturer's warranty only covers defects in materials and workmanship. The warranty does not cover normal wear and tear or excessive abuse or misuse of the product.

Except as expressly provided, Ozonics makes no warranty, express or implied, including warranties of merchantability or fitness for a particular purpose. Ozonics makes no warranty concerning hunting success, neither Ozonics nor any affiliate of Ozonics LLC shall be responsible to customer or others for lost revenues, lost profits or other special, incidental, direct, indirect or consequential damages or for loss or damage or other expense directly or indirectly arising from customer's or other person's use or inability to use ozonics product or for commercial loss of any kind.

No recovery against Ozonics LLC, whether in contract, tort, strict liability or otherwise, shall be greater than the amount paid by customer for the Ozonics product.

## Service

Eventually your HR500 may need a replacement coil. The coil is an internal assembly used to convert oxygen to ozone.

If you no longer detect the presence of ozone or if it is greatly reduced when you turn on your HR500, it most likely needs servicing. Another way to determine if it needs service is to look into the outlet side of the unit on the front, while it is running in a dark room (lights off) and if you notice dark spots on the coil or no longer observe a purplish glow of the coil, then the unit needs to have the coil replaced.

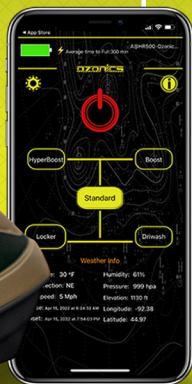
At Ozonics, we provide the end consumer a fully functional in-shop service department you can count on should you need to have your unit serviced. Simply request our Service & Repair form (RMA) via email and send the unit to us with the completed form.

To have your ozonics unit recertified to OZONICS Quality Standards (OQS)  
Contact Ozonics at **979.285.2401** or **[info@ozonics hunting.com](mailto:info@ozonics hunting.com)**

**Ozonics LLC 520 South Pierce Ave. Suite 216 Mason City, IA 50401**

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# THANK YOU!



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