



USER MANUAL

HoVR 1.0 WEATHER METER





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USER MANUAL

HOVR 1.0 WEATHER METER

When accurate and reliable weather data is needed, you can rely on the Bluetooth capable *HoVR 1.0 Weather Meter* from Horus to provide the desired results every time. We've combined accurate weather readings with integrated Bluetooth allowing wireless communication between the *Horus Ballistics App* and the *HoVR 1.0 Weather Meter* for an exceptionally easy to use, fast, and accurate solution.

The *HoVR 1.0 Weather Meter* measures wind speed, temperature, relative humidity, barometric pressure and altitude all on an easy to read screen at the touch of a button. No more complicated navigation or difficult to view screens. When speed and accuracy are critical count on the *HoVR 1.0 Weather Meter*.

PRODUCT FEATURES

- Bluetooth communication to the Horus Ballistics App
- Wind Speed
- Temperature
- Relative Humidity
- Barometric Pressure
- Altitude (estimated based on environmental conditions)
- Large, easy to read display (with illumination)
- Greater than 20 hour battery life

SPECIFICATIONS

DESCRIPTION	UNITS	RANGE	ACCURACY
Wind Speed	Mph, km/h, ft/ min, m/s, kts	0 - 67 mph	+/-2%
Temperature	F,C	14 - 104 F	+/-2.7 F
Relative Humidity	%	5 - 95%	+/-3%
Barometric Pressure	inHg/HPA	9 - 32 inHg	+/-0.5 inHg
Altitude	Ft, m	0 - 6,000m	+/-5%

PARAMETERS

Battery: 2 AAA batteries provide more than 20 hours of battery life

Color: Black/Grey/Orange

Weight: 7.0 ounces

Dimensions: 124mm x 50 mm x 27mm

INCLUDED IN BOX



HoVR 1.0 Digital Weather Meter



Lanyard



Protective Case



User Manual



Wind Speed

Barometric Pressure

Altitude

Power

Mode

Temperature/Relative Humidity

DIRECTIONS - POWER

Power On: Press the “Power” button.

Power Off: With the unit powered on press the “Power” button.

DIRECTIONS - WIND SPEED

Wind Speed: With the unit powered on press the “WIND” button.

Change Wind Speed Units: With the unit powered on press the “WIND” button to cycle through m/s, Km/h, ft/min, knots, MPH.

Minimum, Maximum, and Average Wind Speeds: With the unit powered on press the “MODE” button to cycle through MAX, MIN, AVG wind speed modes.

DIRECTIONS - BAROMETRIC PRESSURE

Barometric Pressure: With the unit powered on press the "BARO" button.

Change Barometric Pressure Units: With the unit powered on press the "BARO" button to cycle through inHg and hpa mbar.

(Note: 1 inHg=33.8638816 hpa mbar)

Calibrate Barometric Pressure:

1. With the unit powered on press and hold the "ALT" button for ~5 seconds.
2. Press the "WIND" button to increase and "T/RH" button to decrease the pressure to match a calibrated barometer reading.
3. Press and hold the "ALT" button for ~5 seconds and the unit will store the updated pressure and power off.

DIRECTIONS - TEMPERATURE

Temperature: With the unit powered on press the "T/RH" button.

Note: The "T/RH" button cycles through Temperature Fahrenheit (°F), Temperature Celsius (°C), and Relative Humidity (RH%) so user must pay close attention to the units to ensure correct data is displayed.

Change Temperature Units: With the unit powered on press the "T/RH" button to cycle through °F and °C.

Note: The "T/RH" button cycles through Temperature Fahrenheit (°F), Temperature Celsius (°C), and Relative Humidity (RH%) so user must pay close attention to the units to ensure correct data is displayed.

DIRECTIONS - RELATIVE HUMIDITY

Relative Humidity: With the unit powered on press the "T/RH" button until "RH%" is displayed on the second row of the display.

Note: The "T/RH" button cycles through Temperature Fahrenheit (°F), Temperature Celsius (°C), and Relative Humidity (RH%) so user must pay close attention to the units to ensure correct data is displayed.

DIRECTIONS - ALTITUDE

Altitude: With the unit powered on press the "ALT" button.

Change Altitude Units: With the unit powered on press the "ALT" button to cycle through FT and M.

Note: Altitude Readings are an estimate based on barometric pressure and temperature. If pressure is below sea level you will get readings of "0".

DIRECTIONS - BACKLIGHT

Turn Backlight On: With the unit powered on press and hold the “MODE” button for ~3 seconds.

Turn Backlight Off: With the unit powered on and the backlight on press and hold the “MODE” button for ~3 seconds.

DIRECTIONS - REPLACING BATTERY

How to replace the battery:

- Remove battery panel cover on rear of unit
- Install two (2) AAA Alkaline batteries
- Re-install battery panel

TROUBLESHOOTING

RECEIVING INCORRECT READINGS

Incorrect readings, particularly wind readings of greater than zero when the impeller is not turning are caused by extremely low battery. Replace battery and test unit.

RECEIVING INCORRECT BAROMETRIC PRESSURE READING

Exposure to extreme conditions and low power can alter the barometric pressure baseline. To correct follow the directions above for calibrating the barometric pressure against a calibrated barometer.

TROUBLESHOOTING

DOES NOT SHOW UP IN HORUS BALLISTICS APP OR WILL NOT CONNECT

- 1. Bluetooth on phone turned off:** Verify in your phone settings that Bluetooth is turned on.
- 2. Extremely low battery:** Replace the battery and reconnect to the unit.

(NOTE: Bluetooth functionality requires more battery power than providing environmental readings so unit may function normally but depending on the distance to your phone, the signal interference in the area, or atmospheric conditions there may not be enough battery power for Bluetooth functionality even though the unit is displaying readings normally otherwise.)

TROUBLESHOOTING

3. Signal Interference: If frequently connecting and disconnecting multiple peripherals to your phone via Bluetooth or there is excessive interference from large numbers of cellular, Bluetooth, wi-fi, or other interference in the area can interfere with the connection between your phone and the HoVR 1.0 Weather Meter. To resolve try the following, if Option 1 does not resolve the issue proceed to Option 2:

Option 1: Close the HORUS Ballistics App and then re-open the HORUS Ballistics App and re-connect to the unit.

Option 2: Close the HORUS Ballistics App, then turn the unit off, then back on. Re-open the HORUS Ballistics App and re-connect.

LIMITED WARRANTY (TRANSFERABLE)

Congratulations on your purchase of a Horus Vision product. As provided herein, Horus Vision warrants (the "Limited Warranty") to its original purchasing customer and permitted transferees (collectively, a "Customer") that manufactured products (the "Product" or Products," as the context so requires) sold by Horus Vision will be free from defects in material or workmanship for the intended use and under normal conditions for a period of thirty-six (36) months from the date of sale of such Product to the initial Customer. Date of sale shall be established by the initial Customer's purchase receipt or by the products serial number if purchased directly from Horus Vision.

Remedies

If Customer believes that a Product is defective and covered by this Limited Warranty, Customer must notify Horus Vision in writing within 30 days of its discovery of the defect, at which time Customer will receive a Return Merchandise Authorization ("RMA") number. The Customer's notice

must identify the Product, including by serial number, and contain a detailed description of the alleged defect. The method of such notification must be by completing an RMA Request Form at www.horusvision.com or by telephone at (866) 568-2926. All returns must be accompanied by an RMA number and a purchase receipt.

Horus Vision will investigate warranty claims in good faith and with reasonable promptness. If Horus Vision determines that the Product is defective and covered by this Limited Warranty, Horus Vision will, at its option, either repair or replace the defective Product. Horus Vision may, at its option (a) send a replacement Product to Customer, (b) repair or replace Product on-site, or (c) require Customer to ship the Product to Horus Vision's authorized service facilities. This Limited Warranty does not include the cost of Customer's removal, shipment or reinstallation of Product, which shall all be at Customer's risk and expense. The foregoing are Customer's sole and exclusive remedies for any defect in any Product.

This Limited Warranty may be transferred to a transferee, provided adequate documentation can be provided to establish date of purchase to Horus Vision as set forth above.

LIMITED WARRANTY (TRANSFERABLE)

Exclusions

This Limited Warranty does not apply to: (a) damage caused by accident, abuse, misuse, negligence, general wear and tear, extreme temperatures, flood, fire, earthquake or other external or extraordinary causes; (b) damage caused by using or operating the Product outside the permitted or intended uses described by Horus Vision; (c) damage caused by the failure to properly install, maintain and operate the Product in accordance with Horus Vision's recommendations; (d) damage caused by service (including repairs and modifications) performed by anyone other than Horus Vision; (e) any Product that has been modified; (f) any Product that has had its serial number altered or removed; (g) the inability of Customer to use the Product; (h) cosmetic damage, including but not limited to scratches and dents; (i) any accessories such as lens caps, straps and cases; and (j) any batteries, or damage directly or indirectly caused by batteries.

Limitations

This Limited Warranty is given in lieu of all other warranties, express or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose. Horus Vision is not responsible for direct, indirect, special, general, incidental or consequential damages resulting from any breach of warranty or condition, or under any other legal or equitable theory, including but not limited to loss of use; loss of revenue; loss of actual or anticipated profits (including loss of profits on contracts); loss of the use of money; loss of anticipated savings; loss of business; loss of opportunity; loss of goodwill; loss of reputation; or any other indirect or consequential loss or damage howsoever caused. Please note that some states and countries do not allow the exclusion or limitation of certain types of damages or claims, so the foregoing limitations may not apply to every Customer. In states or countries where permissible, Horus Vision limits the duration of all implied warranties to the period of this Limited Warranty.

LIMITED WARRANTY (TRANSFERABLE)

General

This Limited Warranty grants specific legal rights. Customer may also have other rights which vary from state to state (or by country). This Limited Warranty may not be transferred by Customer, except as provided above. No person is authorized to make any modification, extension or addition to this Limited Warranty except an authorized agent of Horus Vision. If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall not be affected or impaired. This Limited Warranty shall be governed by the laws of the State of Idaho, USA, without regard to any conflict of law provisions or the United Nations Convention on Contracts for the International Sale of Goods. Horus Vision reserves the right to discontinue manufacture of any Product or change Product materials, design or specifications without notice.

WARNINGS – WEATHER METER

Equipment packaging and waste products should be handled or recycled in accordance with all applicable laws and regulations.


FCC Statement 

- 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:

WARNINGS – WEATHER METER

- 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.
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- This equipment does not contain any user-serviceable parts. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's warranty and authority to operate this equipment under Part 15 regulations. Shielded interface cable must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.
 - FCC ID: 2AQWN-HOVR

California

-  **WARNING:** This product contains a chemical known in the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

Canada

- IC: 24245-HOVR

Disposal of Electric and Electronic Equipment



(Applicable in EU and other European countries with separate collection systems)

This equipment contains electric and/or electronic parts and must therefore not be disposed of as normal household waste. For proper treatment, recovery and recycling, please take this

WARNINGS – WEATHER METER

product(s) to designated collection points where it will be accepted free of charge. Alternatively, in some countries, you may be able to return your products to your local retailer upon purchase of an equivalent new product.

If the equipment contains exchangeable (rechargeable) batteries, these too must be removed before and properly disposed. Further information about the subject is available at your community administration, your local waste collection company, or in the store where you purchased this equipment.



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TARGETING INNOVATION