

**OPERATION MANUAL - USER GUIDE - APPLICATIONS
CAUTIONS - WARRANTY INFORMATION - REPAIRS
LOANERS - SPECIFICATIONS**



HYPER-TARGETED PEMF TECHNOLOGY



HERO X1



HERO X2 MAXX



HERO X2 MINI

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LEARN MORE ABOUT PEMF : www.magnusmagnetica.com

PLEASE READ THIS MANUAL THOROUGHLY BEFORE USING THE HERO

At the time of printing, every effort was made to ensure that the information in this manual is up to date. Since then, however, new information may have become available. We encourage users to periodically visit our website at www.myheropemf.com to review updated versions of this Operation Manual.

WELCOME TO THE HERO

The HERO PEMF Device is a Wellness Lifestyle consumer product designed to be used as part of a Wellness Lifestyle for humans, horses, bovines and pets. The HERO generates pulsed magnetic fields creating micro-currents of electricity that work with the body's natural electricity for general health and well-being. The HERO is designed to be used Independently but can also be used in conjunction with any Magnus Magnetica PEMF Device. With proper care, the HERO should provide many years of trouble-free use. Please understand that results will vary.

Please register the HERO PEMF device within 60 days of purchase date at www.magnusmagnetica.com/hero-reg to receive the Extended Limited Warranty **free of charge**. For registration purposes, the Serial number will be needed, which is found on the bottom of the interior of the hinged lid.

Thank you for allowing the Magnus Magnetica Family to be a part of your Wellness Team!

A STANDARD HERO PEMF UNIT INCLUDES

- One (1) HERO - either a HERO X1 or a HERO X2
- One (1) Wall Adapter
- One (1) Packaging Box
- One (1) HERO Operating Manual

Below is a list of optional accessories available for purchase by the buyer when purchasing a HERO:

- HERO Power Banks are:
 - Portable, rechargeable Lithium battery systems available (3,000 mAh to 50,000 mAh) and includes 12 Volt DC adapters
 - Capable of powering the HERO for 3 to 15 hours depending upon which Power Bank battery is purchased
- White Applicator Wand
 - Used for Hyper-Targeted applications
 - 3" diameter head - 6" handle (152.4mm)
 - Extension cables are also available for purchase

- Mag Discs used for Hyper-Targeted applications
 - Standard 4.25" diameter x 5/8" thick black disc with available extension cables (107.95mm x 15.875mm)
 - Super Focused 2.50" x 5/8" thick black disc with available extension cables (63.5mm x 15.875mm)
- Hoof Pro Bindings - (Equine Only on horse hooves)
 - Used to hold the Standard Mag Disc in place on horse hooves
- 1 Zippered Mag Disc Pouch
 - Protects the Standard Mag Disc if dropped and uses velcro to adhere to the OneWrap Strapping system
- OneWrap Velcro Strapping system
 - Exclusively used on a horse's body to hold the Standard Mag Disc, when in pouch, on targeted area
- HERO Shoulder Sling - Convenient storage for Mag Discs, wands, and other HERO accessories
- Poll Strap Set (Equine Only) available in 24" and 17"
 - Worn on a horse's head with Standard 4.25" Mag Disc inserted
- Stall Wall Hook (Equine Only)
 - Allows your HERO to securely hang on a stall wall by its handle
- Hoof Pro Bag (Equine Only)
 - Storage of Hoof Pro Bindings and accessories
- Additional 12 Volt power adapters

APPLICATION AND OPERATIONAL BASICS

Do NOT EVER use the HERO in the following situations:

- With a pacemaker. Exception - With the permission of the User's physician, it may be safe to use below the waist.
- Near water, when driving a car, or when operating heavy equipment.
- Near credit cards, security cards, audio and video tapes, and electronic equipment such as hearing aids, cell phones, answering machines, etc. as damage to or loss of information could occur.

Do NOT use the HERO in the following situations as safety has not been explored:

- When pregnant.
- Near an implanted device such as a shunt, etc.
- Near external or internal bleeding wounds, including menstruation.
- Near a ferrous (stainless steel) metal implant as the metals may absorb heat and could cause discomfort or a burn. Non-ferrous metals, like titanium, are ok. Exception - Metal dental fillings are rarely affected.

CAUTIONS

- If the user or animal being treated experiences nerve pain, during or after a session, discontinue use in the area of pain.
- Use care when using heat-producing or heat-sensitive ointments, lotions or medications as a skin burn may occur.
- While this technology is generally considered safe, there exists potential for rare, individual reactions that cannot reasonably be foreseen. Therefore, use of the HERO constitutes an agreement that the User is responsible for the decision to use the technology and that the User hold Magnus Magnetica, LLC and its Independent Sales Agents harmless for any injuries or damage believed to arise from using Magnus Magnetica PEMF products or accessories.

WHEN USING PEMF TECHNOLOGY

- Start slowly – about 10 minutes – and gradually increase the length of each Application Cycle. Daily use varies from 20 – 30 minutes to two (2) hours or more.
- Generally, the HERO can be used as needed. When used as part of a Wellness Protocol, daily use for many weeks is more important for results than occasional use.
- For specific purposes, longer and more frequent Application Cycles may be more beneficial.
- The White Applicator Wand or Mag Disc may be kept on one location for one or more Application Cycles or moved at any time to a different location.
- Stop use gradually by reducing the amount of time each day for the last week of use, when the user is no longer experiencing any more pain or discomfort.
- Hydrate: It is important to drink plenty of water before and after a HERO application. Drinking ozonated water is especially helpful.

HOW IT SHOULD FEEL

- Most individuals (and animals) will not feel any sensation while using the HERO.
- If the White Wand heats up to the point of discomfort:
 - Place something between you and the White Applicator Wand, like a single layer of towel or blanket, always ensuring there is proper airflow around the head of the White Applicator Wand.
 - A quick option – Cool the White Applicator Wand off by applying an ice pack to the White Applicator Wand face (User can even apply two – one for each side of the White Applicator Wand). The face of the White Applicator Wand is brought back to a comfortable temperature quickly and efficiently.

HOW TO USE THE HERO

- Powering up the HERO:

- Connect the AC Adapter, into the Hero's power receptacle on the rear of the HERO. Plug in the corded right angle plug, inside the case, to the small round power receptacle.
- If using an optional HERO Power Bank, refer to the separate instruction sheet included with the Power bank.
- Always use the correct power cord supplied with the Power Bank. One end of the cord plugs into the HERO Power Bank's "DC OUT" and the other end of the cord plugs into the HERO's open receptacle, inside the HERO. Be sure to use the small right angle adapter provided.



- The HERO Power Bank can be recharged, while in the HERO case, by plugging in the right angle corded plug into the "DC IN" and the Y connector's white female receptacle is plugged into interior's black right angle connector. The external charging adapter plug is also connected to the HERO's rear power receptacle.



- **IMPORTANT:** Included with a HERO Power Bank is a 1" x 4" Velcro strip to anchor the HERO Power Bank to the interior floor of the HERO. This will prevent movement of the HERO Power Bank when the HERO is being carried or operated. **When you close the HERO's lid make sure all cords are safely tucked into the case to avoid having them pinched and damaged.**



- Commencing an Application Cycle

- To commence an Application Cycle always insert/plug the accessory's Neutrik connector into the HERO's Neutrik connector socket, on rear of HERO, **before** starting the session. Turn clockwise until the connector audibly **clicks closed**.
- Press the HERO's LED silver power button. Once lit, 12 Volts of power are being sent to the HERO.



- Place a Mag Disc or White Applicator Wand onto the targeted area. It should be located on or as close to the body as possible. It is best not to touch human skin, however, clothing will not interfere with the pulsed electromagnetic field.
- It is normal for the Mag Disc and the White Applicator Wand to warm up. Diathermy (heat), coupled with PEMF, potentially increases the HERO's effectiveness. Terminate a session for a cool down period if any accessory warms to the point of discomfort.



- Press the Gold Start button to commence an Application Cycle. Cycle 1 will administer 3 pulses-per-second throughout the preset number of minutes indicated on the Timing Mode (see table on page 11)
- The exterior red LED light will flash synchronously with each pulse-per-second, indicating the pulse is being released.
- **Note:** The HERO X2 has **2 Gold Start buttons and 2 red LED lights** corresponding to each connector on the back of the HERO.
- During operation, each press of a Gold Start button changes the pulse-per-second rate. Quickly press the Gold Start button a second time to increase the depth of penetration of the PEMF signal and decrease the pulse-per-second rate. Press the Gold Start button up to five (5) times corresponding to the Application Cycle desired to continue increasing the depth of penetration of the PEMF signal and decreasing the pulse-per-second rate.



- **Note:** The HERO may include an audio chip that beeps with each pulse, if the HERO was ordered with an audio on/off button upgrade (button located on the back of the HERO). User's may then turn the audible beep on or off. When the audible beep is used and an Application Cycle finishes, the HERO will beep. To continue with another cycle, push the Gold



Start button within 20 seconds of the beep. The HERO turns itself off if the Gold Start button is not pushed within this time frame.

- The HERO X2 will have an audible beep corresponding with each separate output.
- The HERO's Timing Mode will reset anytime the Gold Start button is pressed.
- To turn off the HERO mid-cycle, press and hold the Gold Start button for two (2) seconds. Then press the silver LED power button so it is no longer lit. Remove and store all accessories.
- **IMPORTANT:** Always power off the HERO when adding or changing accessories. Disconnecting any accessory will automatically terminate power to the HERO.

APPLICATION CONSIDERATIONS

- **Use on Humans** - When targeting specific parts of the human anatomy is required, the Mag Disc or White Applicator Wand can be used to Hyper-Target the following:
 - Post-OP Surgical Wounds
 - Wrists - Carpal Tunnel Syndrome
 - Elbows - Tendonitis
 - Heel/Bottom of Foot - Plantar Fasciitis
 - Prostate - Reach deeper into the lower GI by sitting on the Mag Disc
 - Pelvic Floor Stimulator - Shown to help women with Stress Urinary Incontinence contract and strengthen their pelvic floor.
 - Cervical Spine - Target specific vertebrae, labeled C1 thru C7.
 - Jaw - Target specific areas of the jaw for TMJ issues
 - Cancers - Target specific organs and tumors with deep penetration.
 - Muscle Knots - Target knots anywhere on the body
 - Vagus Nerve - Stimulate the vagus nerve to relax and de-stress.
- **Use on Equines** - When targeting specific parts of the equine anatomy is required, the Mag Disc or White Applicator Wand can be used to Hyper-Target the following:
 - Hoof - Ability to deliver PEMF Applications from under the hoof using the Hoof Pro Kit
 - Poll - Assist in reducing stress and anxiety
 - Jaw - Target specific areas of the jaw for TMJ issues
 - Stifle - Assist in reducing pain and inflammation
 - Intestinal Tract - Target very specific areas of the abdomen to provide deep penetration into the intestinal tract to assist with issues as colic.

TROUBLESHOOTING and PEMF TESTING

- A Troubleshooting Guide for the HERO is available at www.MyHEROpemf.com. This Guide is a great tool to check if any issues are experienced with the HERO.
- A small black Tweeter is included with the HERO. Attach an accessory, turn on the device and use a low power setting. Now, place the tweeter in center of an accessory. The tweeter will emit a pulsing noise. As the tweeter is moved to the perimeter, or further away from the accessory the sound of the pulse will lessen. This is an excellent way to demonstrate field strength/intensity and range.



WARRANTY AND REPAIRS

- HERO PEMF Devices are manufactured with high-quality parts and components designed to last. Magnus Magnetica, LLC warrants that its products will be free from defects in materials and workmanship under normal use and in accordance with appropriate handling. Mag Discs and Wands include a warranty against manufacturing defects for 6 months from date of delivery. If the HERO PEMF Device malfunctions, the HERO is covered by both a Factory Warranty and Extended Limited Warranty as long as the following conditions both apply:
- If any malfunction occurs, the Factory Warranty covers the HERO within the corresponding original product's Warranty period. To have a HERO PEMF Device or part repaired or replaced under warranty, it must be returned with freight prepaid and insured to Magnus Magnetica. Warranty service is void unless either a copy of the original sales receipt is provided or the HERO was properly registered with us.
- Current terms/conditions are found at: www.magnusmagnetica.com/warranty on the Warranty web page. Please review the following:
 - Explanation of our 99% Uptime Guarantee on new devices.
 - How to generate a Repair Service Request.
 - Service fees after expiration of any Warranty.
 - Loaners are provided at no cost for the first six months of ownership of new HERO devices only. After six months a nominal daily fee will apply (certain conditions apply).
 - There is a 1 year Extended Limited Warranty:
 - An Extended Limited Warranty is handled as a maximum out of pocket expense of \$750.00.

- This means any repairs, after the original 2 year Factory Warranty period expires, it will never cost more than \$750.00 in the Extended Limited Warranty year.
- The Extended Limited Warranty does not cover Mag Discs, Power Banks, power cords, wall adapters, mag discs, hoof pro bindings or any accessories.
- New PEMF devices that have been discounted by 15% or more will not include Extended Limited Warranties.
- An Extended Limited Warranty included with the purchase of a new device cannot be transferred to a new owner if the original buyer sells the device.
- If the Buyer fails to fill out and remit the Warranty Registration, within 60 days of actual delivery of a HERO PEMF device, any Extended Limited Warranty will be voided.

● **REPLACEMENT ACCESSORIES AND REPAIRS**

- To replace any accessories or for repairs to the HERO, please contact an Independent Sales Agent for return instructions and go to www.magnusmagnetica.com/warranty.

● **REFURBISHED HERO DEVICES -TERMS, CONDITIONS AND COVERAGE OF A LIMITED WARRANTY**

- Refurbished HEROs, only sold through our Company, carry a minimum automatic 90 day Limited Warranty.

● **WARNING! HOW TO AND HOW NOT TO SHIP YOUR PEMF DEVICE**

- If possible, return the device in its original box. If not, place in a secure box and surround unit with a generous supply of protective cushioning (NO FOAM PEANUTS). Write the RMA# on the outside of the box.
- Do NOT ever ship a HERO to the repair facility (or any other location) in its case only. Common Carrier drivers and warehouse handlers do not understand that the HERO contains sensitive electronic components and any sudden stress from dropping the HERO may loosen the circuit board and other internal components.
- If the HERO arrives at a repair facility not properly boxed and protected, the owner runs the risk of excessive damage that will not be covered under warranty. Additional repair costs will certainly be incurred.

● **SHIPPING A HERO OR ACCESSORY FROM CANADA OR OVERSEAS**

- International Shipping - The Tariff code typically used is 9801.00.1012
- We typically put the declared and customs value at \$1.00 as it is a repair and include the description "NOT SOLD (COMMERCIAL) Warranty Repair Pulse Generator for Animals" or "Exercise Equipment"

- Please include in the package a note that says:
- First & Last name of customer - Your return shipping address:
RMA # _____ Serial # _____ Reason for the repair: _____
- Preferred return shipping speed (FedEx International Economy or Priority)

- **HERO LOANERS**

- If a HERO Loaner is required, while a HERO is being repaired, a Loaner is available free-of-charge (except for shipping costs) for the first six (6) months of ownership of a new HERO Device only. Six (6) months is based on the original delivery date. After six (6) months, a daily fee will apply as follows:
 - Zero to Six (0 – 6) months – Free of charge, except for shipping costs
 - Seven to Twelve (7 – 12) months – Daily fee of \$15.00 USD for a maximum of fourteen (14) days beginning with the delivery date of the Loaner as well as shipping costs.
 - Thirteen to thirty six (13 – 36) months – Daily fee of \$25.00 USD for a maximum of fourteen (14) days beginning with the delivery date of the Loaner as well as shipping costs.
 - Thirty seven (37) months and beyond – Daily fee of \$35.00 USD for a maximum of fourteen (14) days beginning with the delivery date of the Loaner as well as shipping costs.
 - If there are repair facility delays that exceed three (3) days after the HERO has been received by the facility, the Loaner maximum number of days for rental charges will extend to twenty one (21) days rather than fourteen (14) days.
 - After six (6) months of HERO ownership, Loaners will require a \$1,250.00 USD security deposit payable via credit card with all related Loaner use fees and shipping fees being deducted from the security deposit upon return of the Loaner.

HERO TECHNICAL DATA

- **HERO X1** - A single output device fabricated in a Pelican waterproof case.
 - Powered by an optional 12 Volt Adapter, or a HERO Power Bank, containing rechargeable Lithium Ion batteries.
 - All operating hardware is mounted on the exterior of the case, so the case is completely closed during use.
 - Weighs approximately 4 lbs.
 - Power receptacle, Power button and one (1) Gold Start button is easily accessible.

● **HERO X2 MINI and HERO X2 MAXX**

- DUAL output device fabricated in a Pelican waterproof case.
- Capable of running two (2) separate application sessions at the same time, whereby the Timing Mode and intensity settings are operated independently from one another.
- Powered by an optional 12 Volt Adapter or a HERO Power Bank, containing rechargeable Lithium Ion batteries.
- Weighs approximately 4.5 lbs (MINI) or 5.5 lbs (MAXX). ((2.04 Kgs and 2.27 Kgs respectively)
- All operating hardware is mounted on the exterior of the case, so the case is completely closed during use.
- Power receptacle, Power button and two (2) Gold Start buttons are easily accessible.

ABOUT APPLICATION CYCLES AND TIMING MODES

- HEROs are manufactured with a standard 20 Minute timing cycle for each output setting. The label on the inside cover of the HERO discloses the Pulse-Per-Second Rates, and Gauss Output at each setting. Custom Timing Modes are available. Call an Independent Sales Agent for more information .

ELECTRICAL SPECIFICATIONS

The HERO outputs a time-variant pulsed DC magnetic field.

ELECTRICAL CERTIFICATIONS

Low-voltage devices fall under the limited power source (LPS) category in the American National Electrical Code (NEC) and do not require a listing. Instead, the power source, a low-voltage supply is UL or Intertek or TUV listed.

POWER REQUIREMENTS

- 12 Volts DC @ minimum 1.5 Amps, Tip or Center Positive.
- **CAUTION:** Exceeding the voltage rating or reverse connection may result in injury or HERO failure. This will void the warranty.

OUTPUT SPECIFICATIONS

- Pulse Duration: ~2.5 mS (milliseconds)
- Magnetic Field Intensity and Pulses-Per-Second per Cycle: See Table



Application Cycle	Pulses Per Second	Verified Gauss Output	Standard Mode 2 Applications
Mode Identifier on HERO's Interior Lid Panel			SM2
1	3 PPS	500	All have a 20 Minute Limit
2	2 PPS	1,250	
3	1 PPS	3,000	
4	.44 PP 1 Pulse every 2.25 Secs	5,100	
5	.25 PPS 1 Pulse every 4.0 Secs	7,100	

**SUCCESSFULLY USED ON HUMANS,
EQUINES, BOVINES, PETS AND
EXOTIC ANIMALS
SINCE 2007.**



THE POWER TO HEAL

Designed and manufactured with domestic and foreign components by Magnus Magnetica, LLC in Lexington, KY. The HERO is not a medical device. For medical advice please contact your primary physician.

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COUNTRIES THAT PARTICIPATE IN MANUFACTURING:

The manufacturing of HERO PEMF Devices is a global collaboration. The following countries participate in the making of the HERO (listed in alphabetical order):

Cambodia, Canada, China, Hong Kong, Malaysia, South Korea, Thailand and the USA.

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