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› Wildgame Innovations HM-450D Heavy Metal Feeder System, 450 Lb User Manual

Wildgame Innovations HM-450D

Wildgame Innovations HM-450D Heavy Metal Feeder System

Model: HM-450D | Brand: Wildgame Innovations

INTRODUCTION

The Wildgame Innovations HM-450D Heavy Metal Feeder System is designed for reliable and long-term outdoor use, providing automated feeding for various wildlife. This system features durable galvanized, powder-coated steel construction and a digital controller for precise feed scheduling. It is engineered to minimize feed waste and protect against varmints.

SAFETY INFORMATION

- Always read and understand all instructions before assembly and operation.
- Ensure all components are securely fastened during assembly to prevent collapse.
- Use appropriate personal protective equipment (PPE) during assembly, such as gloves, to prevent cuts or pinches.
- Keep children and pets away from the feeder during assembly and operation.
- Do not climb on or hang from the feeder.
- Ensure the feeder is placed on stable, level ground to prevent tipping.
- Disconnect power (remove battery) before performing any maintenance or cleaning.

COMPONENTS LIST

Before beginning assembly, verify that all parts are present and undamaged. Refer to the included components list in your packaging for exact quantities.

- Feeder Hopper (galvanized, powder-coated steel)
- Digital Power Control Unit
- Galvanized Steel Spinner Plate
- Varmint Guard System (cage)
- Heavy Duty 12-piece Powder-Coated Leg Kit
- Assembly Hardware (bolts, nuts, washers)

- Built-in Funnel

Note: A 6V battery is required for operation and is not included with the system.

SETUP AND ASSEMBLY

Assembly of the HM-450D feeder requires careful attention to detail. It is recommended to have two people for certain steps, especially when lifting and securing the hopper onto the legs.

Step 1: Assemble the Leg Kit

1. Unpack all leg components. The kit typically includes multiple sections for each leg.
2. Connect the leg sections using the provided hardware. Ensure all connections are tight and secure.
3. Attach the leg mounting brackets to the top of each assembled leg.

Step 2: Prepare the Feeder Hopper

1. Place the feeder hopper on a stable, flat surface.
2. Install the digital power control unit and the galvanized steel spinner plate according to the diagrams in your specific product manual. These components typically attach to the bottom opening of the hopper.
3. Attach the varmint guard system around the spinner plate and control unit. This cage protects the dispensing mechanism from interference by small animals.
4. Ensure the built-in funnel is properly seated inside the hopper to direct feed towards the spinner plate.

Step 3: Attach Legs to Hopper

1. Carefully lift the feeder hopper and align the leg mounting brackets with the designated attachment points on the hopper.
2. Securely fasten each leg to the hopper using the provided bolts and nuts. Tighten all hardware firmly.
3. Once all legs are attached, carefully stand the feeder upright. Ensure it is stable and does not wobble.



Image 1: The Wildgame Innovations HM-450D Heavy Metal Feeder System fully assembled, showcasing its robust design and varmint guard.



Image 2: The HM-450D Feeder System deployed in an open field, demonstrating its scale and typical outdoor environment. A deer is visible in the background, indicating its intended use.

OPERATING INSTRUCTIONS

The HM-450D features a digital power control unit for precise scheduling of feed times.

1. Battery Installation

- Ensure the feeder is stable and the power unit is accessible.
- Open the battery compartment on the digital power control unit.
- Insert a fresh 6V battery (not included), ensuring correct polarity (+/-).
- Close the battery compartment securely.

2. Programming Feed Times

- Refer to the specific instructions provided with your digital control unit for detailed programming steps.
- The unit typically allows for up to six (6) distinct feed times per day.
- Set the desired duration for each feed cycle. The feeder is designed to spread feed in up to a 10-yard range.
- Confirm settings and ensure the unit is in operational mode.

3. Filling the Feeder

- Open the lid of the feeder hopper.
- Carefully pour your desired feed into the hopper. The 450 Lb capacity allows for extended periods between refills.
- Close the lid securely to protect the feed from weather and pests.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your feeder system.

- **Cleaning:** Periodically inspect the hopper interior, funnel, spinner plate, and varmint guard for any build-up of feed, debris, or moisture. Clean with a dry brush or cloth. For stubborn residue, a damp cloth can be used, ensuring all parts are thoroughly dried before refilling.
- **Battery Check:** Monitor the battery level of the 6V battery. Replace the battery when it shows signs of weakening or as recommended by the digital control unit's indicator.
- **Structural Integrity:** Regularly check all bolts and connections on the legs and hopper for tightness. Re-tighten as necessary to maintain stability.
- **Varmint Guard:** Ensure the varmint guard cage is free of damage and securely attached to effectively deter pests.
- **Storage:** If storing the feeder for an extended period, empty all feed, clean thoroughly, and remove the battery. Store in a dry, protected area.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Feeder not dispensing feed.	Low or dead battery. Feed clogged in funnel or spinner. Digital control unit not programmed or faulty.	Replace 6V battery. Clear any obstructions from the funnel and spinner plate. Verify programming settings on the control unit. Consult manual for unit reset.
Feeder wobbles or is unstable.	Loose leg connections. Uneven ground.	Tighten all bolts on the leg kit. Relocate feeder to level ground or stabilize legs with shims.
Varmints accessing feed.	Damaged or improperly installed varmint guard. Feed spilling outside guard.	Inspect varmint guard for damage and ensure it is securely attached. Adjust feed duration or spinner plate settings to minimize spillage.

SPECIFICATIONS

- **Model Number:** HM-450D
- **Capacity:** 450 Pounds
- **Material:** Galvanized, Powder-Coated Steel
- **Weight:** Approximately 23.8 kg (52.5 lbs)
- **Power Source:** 6V Battery (not included)
- **Feed Times:** Up to 6 per day (programmable)
- **Feed Range:** Up to 10 yards / 30 feet (360-degree spread)
- **Included Components:** Feeder System, Varmint Guard System
- **Special Features:** Heavy Duty Construction, Built-in Funnel, Digital Control Unit

WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the documentation included with your

purchase or visit the official Wildgame Innovations website. Keep your purchase receipt as proof of purchase for any warranty claims.

Official Website: www.wildgameinnovations.com

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question