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Wildgame Innovations WGI-WGIPU0017

WILDGAME INNOVATIONS Trophy Hunter 6V Digital Feeder Kit Instruction Manual

Model: WGI-WGIPU0017 | Brand: Wildgame Innovations

1. INTRODUCTION

The Wildgame Innovations Trophy Hunter 6V Digital Feeder Kit is designed to upgrade your existing game feeder or to be integrated into a custom-built feeder system. This unit provides precise control over feeding schedules, enhancing your ability to attract and pattern wildlife. Its durable, weather-resistant construction ensures reliable operation in various outdoor conditions.

The kit includes a digital timer, motor, spinner plate, all-metal housing, mounting hardware, and a drop funnel. Please note that the battery is not included with this kit.



Figure 1.1: Overview of the Trophy Hunter 6V Digital Feeder Kit components.

2. SETUP AND INSTALLATION

2.1 Unboxing and Component Identification

Carefully remove all components from the packaging. Verify that all parts listed in the kit contents are present:

- Digital Timer Unit

- Motor and All-Metal Housing
- Spinner Plate
- Mounting Hardware (screws, nuts, brackets)
- Drop Funnel



Figure 2.1: All components included in the feeder kit.

2.2 Mounting the Feeder Kit

The all-metal housing is designed for secure attachment to your feeder barrel or hopper. Use the provided mounting hardware to firmly secure the unit. Ensure the unit is level and positioned correctly for optimal feed distribution.

- Attach the mounting brackets to the feeder housing using the appropriate screws.
- Position the feeder kit beneath your feeder's hopper, aligning the drop funnel with the feed opening.
- Secure the entire assembly to the feeder structure using the remaining mounting hardware. The unit features a sliding door and pressure-activated locking latch for secure closure.



Figure 2.2: Installation of the feeder kit onto a game feeder.



Figure 2.3: Side view illustrating the mounting points of the feeder unit.

2.3 Battery and Wiring Connection

This kit requires a 6V battery (not included). Connect the digital timer unit to the motor and the battery. Ensure all connections are secure and properly insulated to prevent short circuits and ensure reliable operation.

- Open the digital timer unit's housing.
- Connect the wires from the motor to the designated terminals on the digital timer.
- Connect the battery wires to the appropriate terminals on the digital timer.
- Close the housing securely.



Figure 2.4: Digital timer unit with wiring connections.

3. OPERATING INSTRUCTIONS

3.1 Setting the Digital Timer

The user-friendly digital timer allows for precise control over feeding schedules. The large LCD screen and silicone rubber buttons make programming straightforward.

- **Set Time:** Use the "Program" button to enter the time setting mode. Use the arrow buttons (Up/Down) to adjust the current time.
- **Set Feed Times:** The unit supports up to 6 daily feed times. Press "Program" repeatedly to cycle through the feed time settings. Use the arrow buttons to set the desired start time for each feeding cycle.
- **Set Feeding Duration:** For each feed time, you can adjust the duration from 1 to 30 seconds. Use the arrow buttons to set the desired duration.
- **Adjust Motor Speed:** The high-torque motor features adjustable speed control (Low/Medium/High). Refer to the timer's specific menu for adjusting this setting to control the spread distance.
- **Test Function:** Use the "Test" button to manually activate a short feeding cycle to verify settings and operation.

The battery charge icon on the LCD screen provides real-time charge level indication, allowing you to monitor battery status.

3.2 Feed Distribution

The galvanized steel spinner plate ensures a 360-degree distribution of feed, covering an area of up to 30 feet. Adjust

the motor speed to fine-tune the spread pattern and distance according to your needs.



Figure 3.1: Front view of the feeder unit, highlighting the spinner plate.

4. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your feeder kit.

4.1 Cleaning

- Periodically inspect the spinner plate and motor area for any debris, such as corn dust, husks, or foreign objects, that may impede operation.
- Clean the components with a dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish or electronic components.
- Ensure the drop funnel is clear of obstructions.

4.2 Battery Care

- Monitor the battery charge level regularly using the indicator on the digital timer.
- Recharge or replace the 6V battery as needed to prevent interruptions in feeding schedules.
- When storing the feeder for extended periods, remove the battery to prevent discharge and potential damage.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Feeder not dispensing feed.	Low battery; obstructed spinner plate/funnel; incorrect timer settings.	Check battery charge and replace/recharge; clear any obstructions; verify timer settings for feed times and duration.
Inconsistent feed distribution.	Motor speed too low/high; uneven mounting; feed type issues.	Adjust motor speed setting; ensure unit is mounted level; check feed for consistency (e.g., too much dust, large clumps).
Digital timer not responding.	Battery disconnected or dead; internal electronic issue.	Check battery connections and charge; if problem persists, contact customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	Wildgame Innovations
Model Number	WGI-WGIPU0017
Power Source	6V Battery (not included)
Feed Times	Up to 6 daily
Feeding Duration	1 to 30 seconds
Motor Speed Control	Adjustable (Low/Medium/High)
Housing Material	Powder-coated, galvanized steel
Spinner Plate Material	Galvanized steel
Feed Distribution	360-degree, up to 30 feet
Product Dimensions	8"L x 6.25"W x 9.25"H
Item Weight	3.42 Pounds



Figure 6.1: Product dimensions.

7. IMPORTANT SAFETY INFORMATION

WARNING:

- This product is not a toy. Keep out of reach of children.
- Use with adult supervision.
- Do not disassemble or modify the product.
- Do not touch the internal components.
- Ensure the product is securely mounted and positioned according to the instructions. Improper use may result in injury or damage to the product.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other

reproductive harm.