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Wildgame Innovations WGI-WGIPU0020

Wildgame Innovations Trophy Hunter 12V Digital Feeder Kit Instruction Manual

Model: WGI-WGIPU0020

1. INTRODUCTION

This instruction manual provides detailed guidance for the installation, operation, and maintenance of your Wildgame Innovations Trophy Hunter 12V Digital Feeder Kit. This kit is designed to upgrade existing game feeders, allowing for precise control over feeding schedules and duration. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

2. SAFETY INFORMATION

- Always disconnect power before performing any maintenance or installation.
- Ensure all electrical connections are secure and protected from moisture.
- Use only the specified 12V battery type for this unit. Battery is not included.
- Keep hands and loose clothing clear of moving parts, especially the spinner plate, during operation or testing.
- This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- Digital Power Control Unit (PCU) with integrated motor and spinner plate
- Digital Timer Unit
- Mounting Hardware
- 2-inch Drop Funnel



Image: Overview of the Wildgame Innovations Trophy Hunter 12V Digital Feeder Kit, showing the main control unit, digital timer, wiring, and drop funnel.

4. SETUP

4.1 Installing the Drop Funnel

Attach the 2-inch drop funnel to the bottom of your feeder barrel using the provided mounting hardware. Ensure it is securely fastened to prevent feed leakage.



Image: A close-up view of the 2-inch drop funnel, a component for directing feed from the feeder barrel.

4.2 Mounting the Digital Power Control Unit

The PCU features sliding mounts with wingnuts for attachment to your feeder. This design allows for adjustment of the space between the spinner plate and the feeder's cone, accommodating different feed sizes and preventing jams. Securely mount the PCU to your feeder structure.

4.3 Battery Installation

The unit requires a 12V battery (not included). Open the battery compartment on the PCU and connect the battery terminals to the corresponding wires. Ensure correct polarity. The battery charge level will be displayed on the digital timer screen once connected.



Image: A person is shown connecting the digital timer unit and wiring to the main feeder control box, which is mounted underneath a game feeder.

5. OPERATING INSTRUCTIONS

The digital timer unit allows for precise control over feeding schedules. Refer to the instructions below for programming.



Image: Front view of the digital timer unit, showing the LCD screen, 'PROGRAM', 'RESET', 'TEST' buttons, and arrow buttons for adjustments.

Digital Timer Unit Operations

- 1. Connecting Unit:** Connect the unit to a 6V or 12V battery and the feeder motor. Check the fuse in the fuse holder. The current battery charge level and type will be displayed on the screen.
- 2. Clock Setup:** Press the ▼ button or program button once from "READY" mode to enter the "CLOCK" mode. Press the program button again to enter clock settings. Use the ▲ or ▼ buttons to adjust the desired hour, then press program and use the ▲ or ▼ buttons to adjust minutes. After the time is set, wait for 10 seconds to go back to "READY" mode automatically.
- 3. Setting the Feed Time, Run Time & RPM:** Use the ▲ or ▼ buttons from program button to enter the appropriate Feeding (FEED 1 thru 6). Press the program button to enter the feed time and use the instructions above (item #2) again and use the ▲ or ▼ button to enter the appropriate time or "OFF" position. Press the program button to set the RPM/Motor speed. Press the program button again and use the ▲ or ▼ buttons to set the RPM/Motor speed. Press the program button again and use the ▲ or ▼ buttons to enter the next feeding. After set, wait 10 seconds to go back to "READY" mode automatically.
- 4. Testing Unit:** To test the unit, press and release the "TEST" button. The unit will turn on after a 10 second delay, giving the user a chance to STEP BACK. The test will run with a duration set by the first feed time.
- 5. Check Battery Charge:** The battery level, indicated by the 5-bar icon on the screen, will display the charge level in real-time.



Image: Back of the digital timer unit, displaying the full operating instructions for connecting, setting the clock, programming feed times, and testing the unit.

6. MAINTENANCE

- **Cleaning:** Periodically clean the spinner plate and motor housing to prevent buildup of feed, dirt, or debris that could impede operation. Use a dry cloth or soft brush.
- **Battery Care:** Recharge or replace the 12V battery as indicated by the battery charge icon on the digital timer. Ensure the battery is fully charged before extended periods of use.
- **Weather Protection:** The unit features a weather-resistant design. However, ensure all covers and latches are securely closed to protect internal components from extreme weather conditions.
- **Connection Check:** Regularly inspect all wiring and spade connections to ensure they are tight and free from corrosion. Crimp connectors with pliers if they become loose.

7. TROUBLESHOOTING

- **Unit Not Powering On:** Check battery connections and ensure the battery is charged. Verify the fuse in the fuse holder is intact.
- **Feeder Not Spinning:** Confirm the motor is properly connected. Check programmed feed times and duration. Test the unit using the 'TEST' button. Ensure no obstructions are blocking the spinner plate.

- **Incorrect Feed Times/Duration:** Re-enter programming settings carefully, following the 'Operating Instructions' section. Ensure the clock is set correctly.
- **Feed Jams:** Adjust the spacing between the spinner plate and the feeder's cone to accommodate the type of feed being used. Ensure feed is dry and free of large debris.
- **Panel Not Closing Securely:** Inspect the locking mechanism for any damage or misalignment. Ensure all components are correctly seated.

8. SPECIFICATIONS

Brand	Wildgame Innovations
Model Number	WGI-WGIPU0020
Power Source	12V Battery (not included)
Feed Times	Up to 6 daily feed times
Feeding Duration	Adjustable from 1 to 30 seconds
Motor Speed Control	Adjustable (Low/Medium/High)
Housing Material	Powder-coated, galvanized steel
Spinner Plate Material	Galvanized steel
Drop Funnel Size	2 inches
Product Dimensions	9.75"L x 6.75"W x 9.5"H
Item Weight	8.82 pounds



Image: Diagram showing the dimensions of the digital timer unit, measuring approximately 9.75 inches in length, 6.75 inches in width, and 9.5 inches in height.

9. WARRANTY AND SUPPORT

Wildgame Innovations products are designed for durability and performance. For specific warranty information or technical support, please refer to the official Wildgame Innovations website or contact their customer service department. Keep your purchase receipt for warranty claims.