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› [WILDGAME INNOVATIONS Evolution Feeder 6V Digital Power Control Unit for Deer Hunting | Varmint-Proof Programmable Feeder Kit with 4 Available Feed Times & 30ft Feed Range](#)

### Wildgame Innovations WGIPU0030

# WILDGAME INNOVATIONS Evolution Feeder 6V Digital Power Control Unit

Model: WGIPU0030

## PRODUCT OVERVIEW

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The Wildgame Innovations Evolution Feeder 6V Digital Power Control Unit (PCU) is designed to upgrade or build a varmint-proof feeder system for attracting and patterning deer and other game. This unit features a digital timer for precise control over feeding schedules and a robust construction for durability in outdoor environments.

Key features include a 100% varmint-proof design with a recessed, self-sealing spinner plate, a 360-degree/30-foot feed range, and programmable feed times.



Figure 1: The Wildgame Innovations Evolution Feeder 6V Digital Power Control Unit, including the main control box, digital timer, wiring harness, and funnel.

## SETUP AND INSTALLATION

Proper installation of the Evolution Feeder PCU is crucial for optimal performance and varmint protection. Ensure all components are securely attached.

1. **Prepare the Feeder Barrel:** Ensure your feeder barrel has an appropriate opening for the 2-inch drop funnel.
2. **Mount the Control Unit:** Attach the main control unit securely to the bottom of your feeder barrel using the heavy-duty mounting bracket. The spinner plate should be recessed underneath the bracket to prevent varmint access.

3. **Install the Drop Funnel:** Insert the 2-inch drop funnel into the feeder barrel opening, ensuring it aligns with the control unit's feed mechanism.
4. **Connect Wiring:** Connect the digital timer unit to the main control unit using the provided wiring harness. Ensure all connections are firm and protected from the elements.
5. **Insert Battery:** The unit requires a 6V battery (not included). Insert the battery into the designated compartment within the control unit.



Figure 2: The Evolution Feeder PCU installed beneath a feeder barrel, demonstrating the secure and recessed mounting for varmint protection.

# FEEDER KITS

## DINNER IS SERVED

Wildgame Innovations has everything you need to customize your feeding system just the way you like. You'll find various types of feeder kits with a full line of Wildgame Innovations feeder accessories that will enhance your hunting experience. Your game-monitoring strategy can only go up from here.



Figure 3: A user installing the feeder control unit, showing the connection points and secure attachment to the feeder barrel.

## OPERATING INSTRUCTIONS

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The digital timer allows for precise control over feeding schedules. Follow these steps to program your feeder:

1. **Access the Digital Timer:** Open the control unit housing to access the digital timer.
2. **Set Current Time:** Use the programming buttons to set the current time (AM/PM).
3. **Program Feed Times:** The unit supports 1 to 4 available feed times per day. For each desired feed time:
  - Press the "Program" button to select a feed time slot.
  - Set the desired start time for the feed cycle.
  - Set the feed duration, which can be adjusted from 1 to 30 seconds. This controls the amount of feed dispensed.
4. **Test Feed Cycle:** Use the "Test" button to initiate a short feed cycle and verify proper operation and feed distribution. The unit provides a 360-degree feed range up to 30 feet.
5. **Close and Secure:** Once programming is complete, close and secure the control unit housing. The lockable padlock hasp provides additional security.



Figure 4: A user adjusting the settings on the digital timer, which controls the feed times and duration.



Figure 5: Detailed view of the digital timer interface during adjustment, showing the display and control buttons.

## MAINTENANCE

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The Wildgame Innovations Evolution Feeder PCU is built with durable, weather-resistant materials for long-term use. Regular maintenance will ensure its continued performance:

- **Battery Check:** Periodically check the battery level and replace the 6V battery as needed to ensure consistent

operation.

- **Clean Spinner Plate:** Although designed to be varmint-proof and self-sealing, occasionally inspect the spinner plate and surrounding area for any debris or build-up that might impede its function.
- **Inspect Housing:** Check the powder-coated, galvanized steel construction for any signs of damage or corrosion. Ensure the housing remains sealed to protect internal electronics from moisture.
- **Secure Connections:** Verify that all wiring connections are secure and free from corrosion.

## TROUBLESHOOTING

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If you encounter issues with your Evolution Feeder PCU, consider the following common troubleshooting steps:

- **Feeder Not Dispensing:**
  - Check battery: Ensure the 6V battery is fully charged and correctly installed.
  - Verify programming: Confirm that feed times and durations are correctly set on the digital timer.
  - Inspect for obstructions: Check the funnel and spinner plate for any blockages (e.g., clumped feed, debris).
  - Examine wiring: Ensure all electrical connections are secure and undamaged.
- **Inconsistent Feed Amount:**
  - Adjust feed duration: Fine-tune the feed duration setting on the digital timer.
  - Check feed consistency: Ensure the feed type is suitable and not clumping.
- **Varmint Access:**
  - Verify installation: Re-check that the spinner plate is properly recessed and the unit is securely mounted as per installation instructions.
  - Inspect for damage: Ensure no components are bent or damaged, compromising the varmint-proof design.

## SPECIFICATIONS

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Feature	Detail
Brand	Wildgame Innovations
Model Number	WGIPU0030
Power Source	Battery Powered (6V, battery not included)
Material	Powder-coated, Galvanized Steel
Feed Times	1 to 4 available feed times per day
Feed Duration	1 to 30 seconds
Feed Range	360-degree, up to 30 feet
Drop Funnel Size	2 inches
Special Feature	Varmint-Proof, Weather Resistant
Product Dimensions	8"L x 6"W x 10"H
Item Weight	3.74 pounds (1.7 Kilograms)
UPC	616376001512

## IMPORTANT INFORMATION AND SAFETY GUIDELINES

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Adherence to these guidelines ensures safe and responsible use of the feeder unit:

- **Appropriate Feed:** Ensure using appropriate food for wildlife. Avoid substances that could harm animals or the environment.
- **Secure Installation:** Secure the feeder to prevent access by larger animals or unauthorized individuals.
- **Local Regulations:** Always follow local regulations regarding feeding wildlife and feeder placement.
- **Battery Safety:** Use only the specified 6V battery type. Do not mix old and new batteries, or different types of batteries. Dispose of batteries responsibly.

## WARRANTY AND SUPPORT

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For warranty information, technical support, or any inquiries regarding your Wildgame Innovations Evolution Feeder 6V Digital Power Control Unit, please contact Wildgame Innovations customer service. You can find contact details on the official Wildgame Innovations website or through the retailer where the product was purchased.

Visit the official Wildgame Innovations store for more products and support: [Wildgame Innovations Store](#)