AMERICAN HUNTER AH-20558

AMERICAN HUNTER Digital Spin Kit Instruction Manual

Model: AH-20558

Introduction

The AMERICAN HUNTER Digital Spin Feeder Kit is designed to provide consistent and reliable feeding for wildlife management and hunting. This automatic feeder kit is suitable for attracting deer and other wild game to your desired location. This manual outlines the necessary steps for proper setup, operation, and maintenance to ensure optimal performance of your feeder.

Product Overview

The Digital Spin Feeder Kit includes a durable metal control housing, a high-torque industrial motor, and a digital timer. It is designed for easy integration with various feed containers.



Image: The main unit of the American Hunter Digital Spin Feeder Kit, showing the black metal housing, the spin plate mechanism, and mounting brackets.

Key Features:

- Durable metal control housing with metal downspout.
- Heavy-duty "No Blow" slinger designed to resist wind and grain trickle.
- High-torque industrial motor for reliable performance.
- Programmable digital timer with 1 to 8 feed times per day.
- Adjustable feed rate from 1 to 30 seconds.
- Three selectable spread speeds: 3000, 3300, and 3800 RPM.
- Reverse polarity protection for battery safety.
- Power indicator and memory function to preserve settings.
- Compatible with 6-volt or 12-volt power sources (battery not included).

Setup

1. Mounting the Feeder Kit

The feeder kit is designed for easy installation and fits most feed containers. Securely attach the feeder unit to the bottom of your chosen feed container using the provided mounting hardware. Ensure the unit is level and the spin plate has clear clearance for feed distribution.



Image: The American Hunter Digital Spin Feeder Kit shown installed on a container, with the digital timer visible, set against a natural outdoor background.

2. Battery Installation

The feeder operates on either a 6-volt or 12-volt battery (not included). Connect the battery to the designated terminals within the control housing. The unit features reverse polarity protection to prevent damage from incorrect battery connection. Ensure connections are secure and free from corrosion.

3. Filling the Container

Once the feeder is mounted and powered, fill your container with the desired feed. Ensure the feed flows freely into the feeder mechanism without obstruction.

Operating Instructions

The digital timer allows for precise control over your feeding schedule.



Image: Close-up of the American Hunter Digital Timer, displaying the screen with time, voltage, and day settings, along with program, test, and adjustment buttons.

1. Setting the Current Time and Day

1. Press the **PROGRAM (P)** button to enter programming mode.
2. Use the **UP (+)** and **DOWN (-)** buttons to adjust the current time.
3. Press **PROGRAM (P)** again to set the current day of the week. Adjust with **UP (+)** and **DOWN (-)**.
4. Press **PROGRAM (P)** to save and exit.

2. Programming Feed Times

The timer can be programmed for 1 to 8 different feed times per day and for various days of the week.

1. Enter programming mode by pressing **PROGRAM (P)** until you reach the desired feed time slot (e.g., F1, F2).
2. Use **UP (+)** and **DOWN (-)** to set the start time for the feed cycle.
3. Press **PROGRAM (P)** to move to the feed duration setting. Adjust the run time from 1 to 30 seconds using **UP (+)** and **DOWN (-)**.
4. Press **PROGRAM (P)** to move to the spread speed setting. Select from 3000, 3300, or 3800 RPM using **UP (+)** and **DOWN (-)**.
5. Press **PROGRAM (P)** to select the days of the week for this feed cycle. Toggle days on/off using **UP (+)** and **DOWN (-)**.
6. Repeat for additional feed times as needed.
7. Press **PROGRAM (P)** repeatedly until the display returns to the current time to save all settings.

3. Test Function

To manually test the feeder, press the **TEST (T)** button. The feeder will activate for a short duration, allowing you to verify its operation and spread pattern.

Maintenance

Regular maintenance ensures the longevity and reliable operation of your feeder kit.

- **Cleaning:** Periodically clean the spin plate and downspout to prevent feed buildup, which can obstruct feed flow or affect spread pattern. Use a dry brush or cloth.
- **Battery Check:** Monitor the battery charge level, especially during colder months. Recharge or replace the battery as needed. The power indicator on the timer provides battery status.
- **Inspection:** Regularly inspect all components, including the motor, wiring, and housing, for any signs of wear, damage, or corrosion. Ensure all connections remain secure.
- **Storage:** If storing the feeder for an extended period, remove the battery and clean the unit thoroughly. Store in a dry, protected area.

Troubleshooting

Refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Feeder does not spin at programmed times.	Low or dead battery; incorrect programming; motor obstruction; loose wiring.	Check battery voltage and connections. Verify feed times, duration, and days are correctly set in the timer. Clear any debris from the motor or spin plate. Inspect wiring for damage.
Feed is not dispensing or is dispensing unevenly.	Feed clog; spin plate obstruction; incorrect feed type for mechanism.	Clear any clogs in the downspout or around the spin plate. Ensure the feed is dry and free-flowing. Adjust the feed duration setting.
Timer display is blank or erratic.	Low battery; loose battery connection; internal timer issue.	Check battery charge and connections. If issues persist after checking battery, contact customer support.
Feeder runs continuously.	Timer malfunction; stuck test button.	Press the TEST button to ensure it is not stuck. Reset the timer if possible. If the problem continues, the timer may need replacement.

Specifications

Feature	Detail
Brand	AMERICAN HUNTER
Model Number	AH-20558

Feature	Detail
Power Source	Battery Powered (6V or 12V, not included)
Feed Times	1 to 8 times per day
Feed Duration	Adjustable from 1 to 30 seconds
Spread Speeds	3000, 3300, 3800 RPM
Material	Metal (Control Housing, Downspout)
Item Weight	2.2 pounds (approx. 1 kg)
Product Dimensions	1"L x 1"W x 1"H (Unit dimensions, not packaging)
UPC	758365205584

Warranty and Support

For information regarding product warranty, please refer to the documentation included with your purchase or visit the official AMERICAN HUNTER website. If you require technical assistance or have questions not covered in this manual, please contact AMERICAN HUNTER customer support directly. Contact details are typically available on the product packaging or the manufacturer's website.