

Moultrie MFG-15073

Moultrie Lumen Photocell Feeder Kit User Manual

Model: MFG-15073

PRODUCT OVERVIEW

The Moultrie Lumen Photocell Feeder Kit simplifies automatic broadcast feeding by utilizing an integrated light level sensor. This innovative design allows the feeder to dispense feed twice daily, once after daybreak and again before sunset, without requiring manual time adjustments. The photocell timer automatically calibrates feed times throughout the year, eliminating the need for changes due to daylight saving time. Users can easily set the preferred spin duration using simple switches, choosing from 5, 10, 15, or 20 seconds. The kit also features Quick-Lock technology for tool-free attachment to compatible Moultrie hoppers or other barrels/buckets using the included adapter.

KEY FEATURES

- **Photocell Timer:** Automatically feeds twice per day (dawn and dusk) based on ambient light levels.
- **Automatic Calibration:** No manual adjustments needed for daylight saving time.
- **Simple Programming:** Easy-to-use switches for setting feed duration.
- **Adjustable Feed Duration:** Options for 5, 10, 15, or 20 seconds.
- **Quick-Lock Technology:** Enables fast and tool-free attachment to compatible hoppers or barrels.
- **Power Source:** Operates on one 6V 5Ah battery (sold separately).

PACKAGE CONTENTS

The Moultrie Lumen Photocell Feeder Kit typically includes:

- Moultrie Lumen Photocell Feeder Kit unit
- Quick-Lock Adapter (for non-Quick-Lock hoppers/barrels)
- User Manual (this document)
- *Note: A 6V 5Ah battery is required and sold separately.*

SETUP

1. **Unpack Components:** Carefully remove all items from the packaging. Inspect for any damage.

2. Battery Installation:

Locate the battery compartment on the feeder kit. Insert one 6V 5Ah battery (sold separately), ensuring correct polarity. Close the compartment securely.



Figure 1: Installing the 6V battery into the feeder kit.

3. Attach to Hopper/Barrel:

If using a Moultrie Quick-Lock hopper, align the feeder kit with the Quick-Lock port and twist to secure it. No tools are required. If using a standard barrel or bucket, attach the included Quick-Lock Adapter to your container first, then secure the feeder kit to the adapter.



Figure 2: Attaching the feeder kit to a compatible hopper.



Figure 3: The feeder kit securely attached to a hopper.

4. Fill Hopper:

Once the feeder kit is securely attached, fill your hopper or barrel with the desired feed material (e.g., corn, protein pellets). Ensure the lid is securely fastened to protect the feed from elements.



Figure 4: Filling the feeder hopper with feed.

OPERATING INSTRUCTIONS

1. Setting Feed Duration:

The Lumen Photocell Feeder Kit features simple switches to set the spin duration for each feeding cycle. Locate the control panel on the unit. You can choose from 5, 10, 15, or 20 seconds. Set the switches to your desired duration.



Figure 5: Control panel for setting feed duration.

2. Photocell Operation:

The integrated photocell sensor automatically detects light levels. The feeder will activate twice daily: once after daybreak and again just before sunset. No manual programming of specific times is necessary, and the unit adjusts automatically for seasonal light changes and daylight saving time.



Figure 6: Location of the light level sensor.

3. Test Button:

A test button is provided on the control panel to verify proper operation and feed dispersal. Press and hold the test button to initiate a brief feeding cycle.

MAINTENANCE

- **Regular Cleaning:** Periodically inspect the feeder mechanism and housing for any debris, dust, or feed buildup. Clean as necessary to ensure smooth operation.
- **Battery Check:** Monitor battery life. Replace the 6V 5Ah battery when performance diminishes or as needed.
- **Weather Protection:** While the unit is weather-resistant, ensure it is properly installed to minimize exposure to extreme weather conditions.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Feeder not dispensing feed.	Low or dead battery; feed hopper empty; feed mechanism jammed; photocell obstructed.	Check and replace battery; refill hopper; clear any obstructions from the feeder mechanism; ensure photocell sensor is clean and exposed to light.
Feeder dispensing at incorrect times.	Photocell sensor obstructed or dirty.	Clean the photocell sensor and ensure it has clear exposure to ambient light. The unit relies on light levels for timing.
Feed duration is incorrect.	Switches on control panel set incorrectly.	Verify the feed duration switches (5, 10, 15, 20 seconds) are set to your desired option.

SPECIFICATIONS

Attribute	Value
Brand	Moultrie
Model Name	Lumen Photocell Feeder Kit
Part Number	MFG-15073
Target Species	Deer
Recommended Uses	Corn, Land Management, Protein
Special Feature	Weather Resistant
Mounting Type	Freestanding (with compatible hopper/stand)
Power Source	Battery Powered (one 6V 5Ah battery, sold separately)
Product Dimensions	14.85"L x 13.9"W x 9.45"H
Item Weight	3.1 Pounds
Color	Black
UPC	053695150734

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact Moultrie customer service directly. You can typically find contact details on the product packaging or on the official Moultrie website. Visit the official Moultrie Store for more products and support:[Moultrie Store on Amazon](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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