

**OPERATING INSTRUCTIONS
FOR THE MARK-1 AND MARK-2 MODELS
OF THE SPINCASTER GAME FEEDER
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All plastic used in Control Units is **VIRGIN POLYCARBONATE WITH UV UNHIBITORS ADDED** (same tough, flexible material that is used in safety glass).

1. After unpacking the feeder unit you will notice a small red thumbscrew on the side of the upper ring of the canister. Remove the red thumbscrew and while holding the upper part of the canister with one hand, twist the bottom portion counter-clockwise and it will come off and expose the timer and feeder battery. To close match the alignment arrows and turn the bottom clockwise.

2. **IDENTIFYING THE TIMER CONTROLS:** After opening the canister study the clock controls. This will help you understand the instructions that follow:

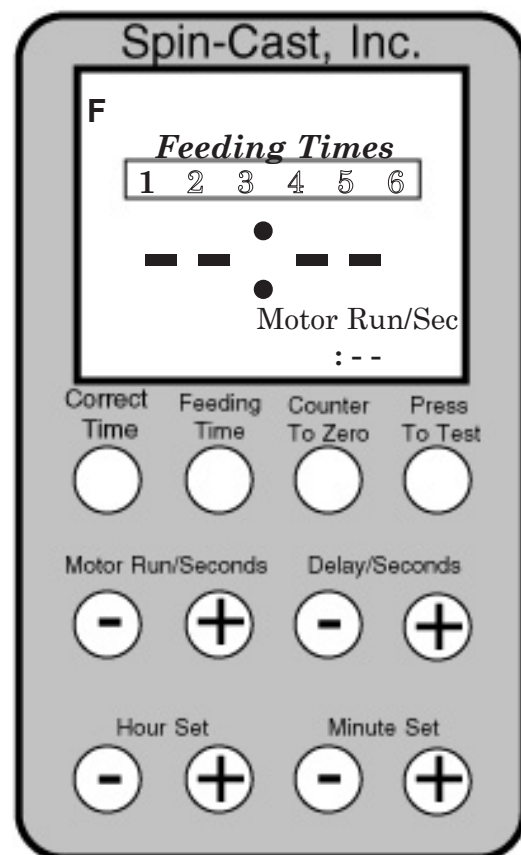
3. **SETTING THE CORRECT TIME OF DAY:** When you receive the feeder the display screen will be blank. This “sleep” feature is designed to reduce power consumption. Pressing any button while the feeder is in this sleep mode will “wake-up” the display. To set the correct time of day press the **Correct Time button** and the Setting Screen to the right will appear. This screen is identified by a small “C” on the top left side of the display. Use the **Hour Set** and **Minute Set** buttons to set the correct time of day. **Press the Correct Time button again to start the clock. When the colon is blinking and the screen C disappears the clock is running. The display will automatically go to sleep again in 5 minutes.**

4. **SETTING THE FEEDING TIMES:** The next step is to program the timer for the number of feedings that you wish to make during a 24 hour period. Press the **Feeding Time button** and the display (Screen F) will look like the drawing above. **Symbol -- is the “no feed setting.”** Use the **Hour Set** and **Minute Set** buttons to set the first feeding time (No. 1 in the window). Set the number of seconds you desire the motor to run (can be set from 1 to 99 seconds) under the **Motor Run/Sec** display (unless this setting is changed by you it always defaults to 5 seconds). Press the **Feeding Time button** to set the next feeding time. A different motor run time can be set for each feeding time. **If you make an error press the Counter to Zero button to clear the setting.** After you have set all of the desired feeding times return to the **Correct Time of Day screen (colon blinking)!** In the sleep mode the internal lithium battery will maintain the correct time and feeding times without a feeder battery being installed. The replacement size for the 3 volt lithium battery is 2430.

5. **PRESS-TO-TEST/DELAY IN SECONDS:** The Press-to-Test and the Delay/Seconds are integrated to work together. From the Correct Time screen use the **Delay/Seconds button** to set the delay time from 0 to 99 seconds. Push the **Press-To-Test button** and the delay/sec display will count down and feed for the number of seconds set for feeding time No. 1. If feeding time No. 1 is not set the unit will automatically feed for 3 seconds. *This feeder throws feed at a significant force and can cause severe eye and skin damage. Stand clear of the area where the feed is being disbursed!*

6. **SOLAR CONFIDENCE DISPLAY:** This “smiley face” sun graphic is a confidence indicator that is on when the solar panel is passing charging current to the battery. If in bright sunlight the solar confidence display is off (MK-1 model) and the motor runs strong when you press-to-test the battery is fully charged and the solar panel is good.

7. **COUNTER:** On the top left side of the time of day screen there is a three digit register labeled “Counter.” The counter advances one number each time the motor runs. This confidence feature is also used to calculate how much the feeder has fed. The **Counter to Zero button** will reset this counter.



SCREEN DISPLAY DURING PRESS-TO-TEST OPERATION

8. **RESET BUTTON:** There is a reset button on the back of the circuit board near the red solar panel plug (for nonsolar units there is an empty 2 pin plug with a white hood). Press this button if you are having problems setting your Control Unit. This will clear all feed times and return the clock to 12:00AM. This will correct most of the problems with the feeder.

9. **A WORD ABOUT BATTERIES:** The MK-1 comes with a rechargeable feeder battery installed and a solar panel to keep it charged. The battery is fully charged before it leaves the factory. **If you put this battery in storage and do not keep it charged it will go bad!** Use the solar panel to maintain your battery. Be sure the solar panel thumb latch is locked in place. The solar panel **must face due south** (use a compass). If you have varmints around your feeder they will chew on the solar panel wire. A varmint guard and coon cable are available to prevent this. Always use exact replacement batteries in this feeder. We have a great deal of experience with this feeder and have furnished you with the best performing batteries available. Battery substitution will usually degrade the performance of the feeder. **Never install the battery without securing with the tiedown straps!**



NOTE: WHEN THE BATTERY IS DISCONNECTED OR DISCHARGED THE LITHIUM BATTERY WILL KEEP THE FEEDER SETTINGS IN MEMORY. THE LITHIUM BATTERY IS FOR BACKUP ONLY AND IS NOT NECESSARY WHEN THE RECHARGEABLE OR ALKALINE BATTERY IS CONNECTED.

Each feeder comes with a universal cone and a cutting template. To use this feeder on any container just locate the center of the bottom of the selected container; use the template as a guide and mark the hole size. Then cut out the 7" hole with a saber saw and drill three 1/4" holes. Place the cone on the **inside** of the barrel (**outside** if plastic barrel is used) and secure the feeder unit with the three stainless steel carriage bolts and flange nuts.

WARNING!

When the control unit is attached to the barrel do not store outside with the barrel upside down! Do not transport the feeder when attached to the barrel! Wait until you get to the site before attaching the feeder unit to the barrel. When filling the feeder use clean feed! When hanging feeders are used do not hang with a rope or set the entire weight of the feeder on the plastic feeder control unit housing!

WARRANTY

Spin-Cast, Incorporated warrants the SpinCaster series of wildlife feeders against defects in material and workmanship for a period of one year (**batteries excepted**). If within the one year period a defect should occur, Spin-Cast will at Spin-Cast's option and without cost to the customer either repair or replace the feeder. All feeders returned for warranty or other service should be well packed and the original sales slip enclosed. Ship via UPS to:

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