

Included In Your Package

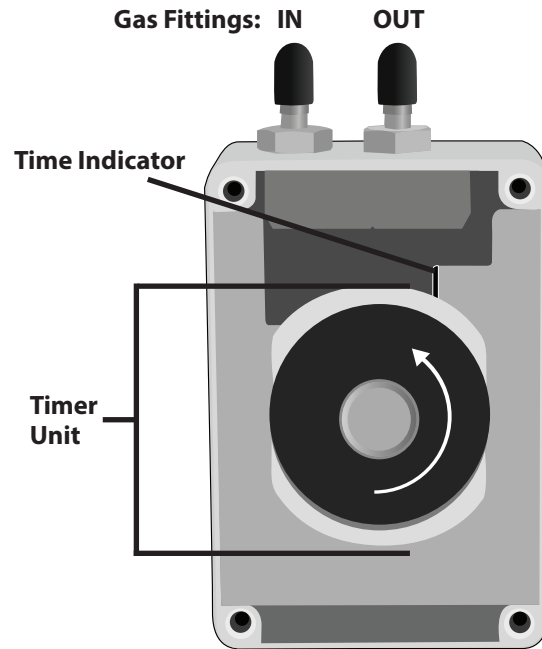
- G-Series Automatic On/Off Timer
- Hose Clamp (2)
- AA Battery

Before Getting Started

General Information

- Read entire manual before use.
- Gas cannons and timers are for outside use only.
- Do not smoke when near the device or during operation.
- This timer is intended for use with any Guardian Propane Scare Cannon. It is intended to operate on LP gas.
- Avoid rough handling of the timer, especially shocks and bumps, as the device operates on sensitive components.
- The timer cannot be used at temperatures below 14°F (-10°C).
- To avoid leakage, keep the gas hose and fittings free of dust and debris.
- **Warning:** To prevent gas leakage, do not dismantle any parts in the valve assembly or timer drive unit. The timer has certain components that can only be repaired by trained technicians.

Please note, the timer does not regulate the time between cannon blasts; the gas regulator controls blast frequency. The automatic timer controls gas flow to the cannon at specified times (one on/off period per day).

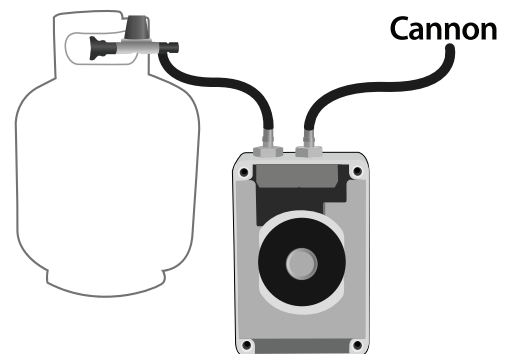


1. Installing your G-Series Automatic Timer

Important: Before installation, ensure the tank valve is closed.

Remove the caps from the gas fittings on the timer. Cut the hose line between the propane tank regulator and the cannon at a distance of approximately 4–6" from the tank.

Slide the hose clamps over the end of each hose and fit the hoses to each gas fitting. Connect the hose from the propane tank/regulator on to the left timer gas fitting (marked "IN"). Connect the hose from the cannon on to the right timer gas fitting (marked "OUT"). Tighten the hose clamps over each gas fitting.

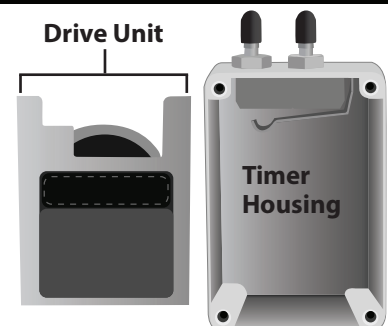


2. Setting the Automatic Timer

Remove the front cover by unscrewing the 4 screws in each corner of the timer housing. Remove the drive unit from the housing and insert the AA battery.

Flip the drive unit over to access the timer unit. The timer unit is a 24-hour timer which rotates in a counter-clockwise direction. 1 revolution equals a 24-hour day. The timer automatically sets a daily start/stop time of the propane cannon each day at a specified time (1 on/off period per day), creating an operational period between 10–19 hours.

To adjust the timer, loosen the milled nut while holding the timer unit. Do not loosen or remove the milled nut while holding the drive unit. This could damage the drive unit.



The Timer Unit is composed of 4 parts:

1. **The Milled Nut:** loosens and tightens in order to adjust the timing settings.
2. **The 24-hour Timer:** Used to set time of day and timing interval for cannon operation.
3. **The Upper Cam Disc:** Selects start time of cannon operation.
4. **The Lower Cam Disc:** Selects stop time of cannon operation.

Setting The Operating Time

Hold the timer unit still to loosen the milled nut. Align the 24-hour Timer so that the actual time of day points to the time indicator line located to the upper right of the drive unit.

NOTE: The timer is based on military time. For example, "15" corresponds to 3:00pm.

Turn the upper cam disc (just beneath the 24-hour timer) so that the left corner peak corresponds to the required starting time (start), and turn the lower cam disc so that the end (right) corner corresponds to the required end time (stop).

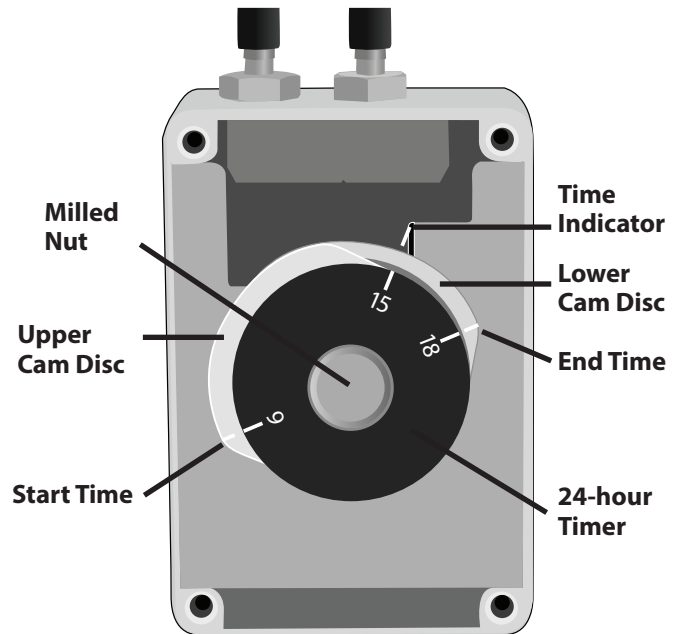
Once the operating time is set, tighten the milled nut while holding the timer unit in place. Flip the drive unit over and insert it back into the housing unit so that the battery compartment is facing outward.

Place the front cover back on the housing unit. Ensure the screws are properly fitted and that the cover and housing are tightly sealed to prevent moisture from entering the housing.

Open the valve on the propane tank. The timer will now operate automatically.

Store the timer in a dry and dust-free location when not in use. For long-term storage, remove the battery and protect the gas fittings by placing the caps back on each fitting. Install a new battery at the beginning of each operating season.

NOTE: The upper and lower cam discs open the gas valve by raising the internal lever as the timer unit rotates. When the cam discs are in the 'off' position, a space of 3/8" to 5/8" should be seen between the lever and cam discs. Lowering the lever stops the gas flow.



In the above example, the current time is 3:00pm. The number 15 on the 24-hour timer points to the current time indicator.

The cannon is set to operate between 6:00am and 6:00pm, as set by the upper and lower cam discs. The starting point, or left corner, of the upper cam disc points to the digit 6 on the 24-hour timer. The end point, or right corner, of the lower cam disc points to the digit 18 on the 24-hour timer.

Note that the cam discs create a continuous raised edge that will manually raise the internal lever to allow gas flow.

More Details

We're Here to Help

Don't worry, we've got you covered! Your cannon is backed by our 1-Year Manufacturer's Warranty, which protects against any defects due to manufacturing. For more information, go to pestrepellerultimate.com/pages/warranty. Please visit pestrepellerultimate.com and start a chat with one of our friendly customer service agents, or contact us using the information below.

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