

## Gallagher G51100

# Gallagher Live Fence Indicator G51100 User Manual

## 1. INTRODUCTION

The Gallagher Live Fence Indicator, model G51100, is a device designed to provide a quick and clear visual confirmation of your electric fence's operational status. It detects the energizer pulse and indicates when the fence voltage exceeds 3,000V by flashing a bright LED light. This indicator is a valuable tool for monitoring fence integrity without the need for manual voltage checks, ensuring your fence is always functioning as intended.

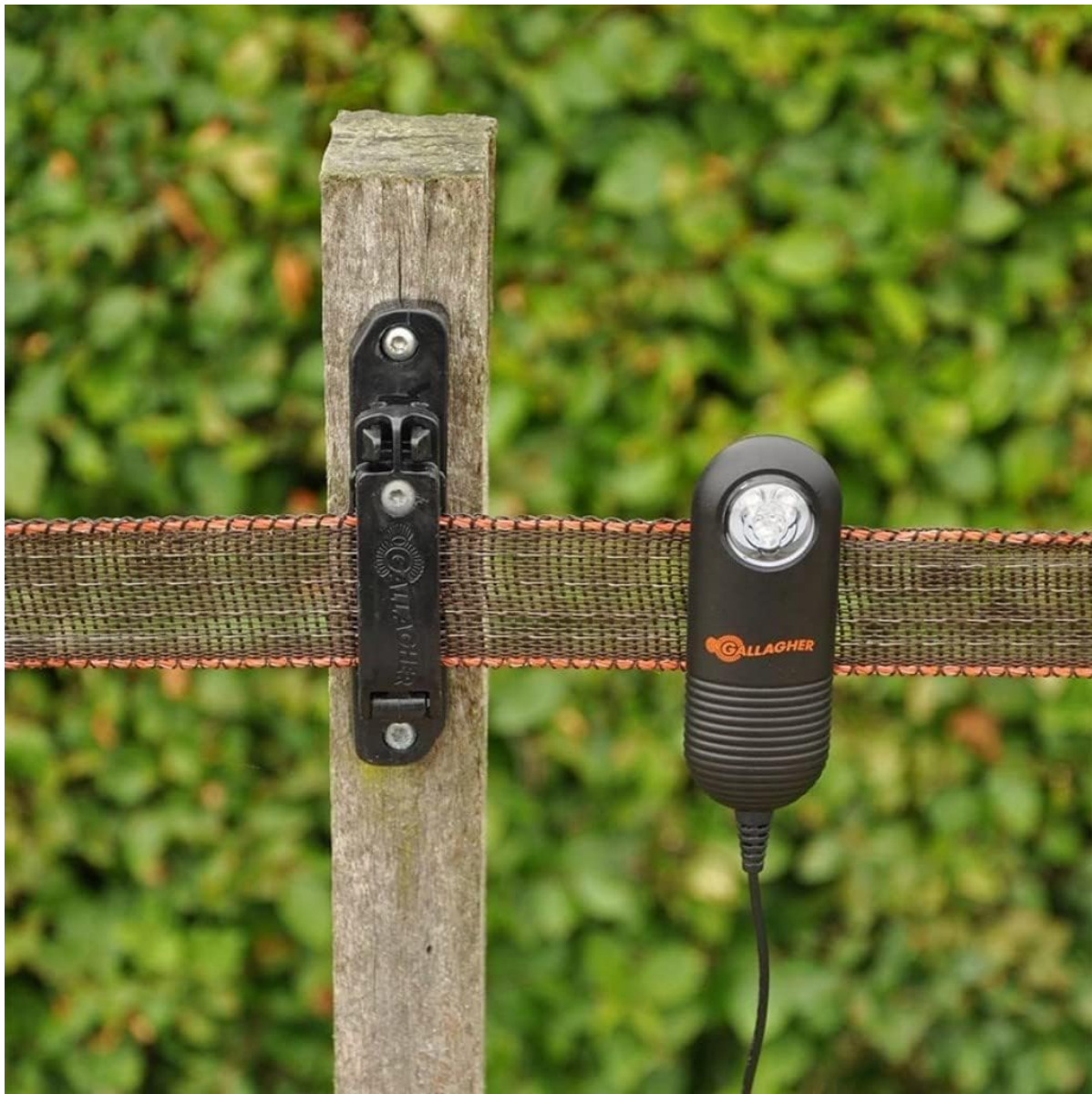
Key features include:

- **Quick Visual Check:** Flashes with each pulse when voltage is above 3,000V.
- **Battery-Free Operation:** Powered directly by the fence line, eliminating the need for batteries.
- **High Visibility:** Bright LED flash is visible from a significant distance, especially at night.
- **Versatile Use:** Compatible with both permanent and portable electric fence systems.
- **Durable Design:** Built to be weather-resistant for reliable outdoor performance.
- **Easy Installation:** Tool-free clip-on attachment to fence wire or tape.

## 2. SETUP AND INSTALLATION

The Gallagher Live Fence Indicator is designed for simple, tool-free installation. Follow these steps to set up your indicator:

1. **Select Location:** Choose a location on your electric fence that is easily visible from your monitoring point (e.g., house, barn, or frequently accessed area).
2. **Attach to Fence Line:** The indicator features a spring-loaded clip. Open the clip and securely attach it to your electric fence wire or tape. Ensure good contact with the conductive material of the fence. The clip is designed with specific notches to accommodate both wire and tape connections.
3. **Insert Ground Probe:** Extend the attached ground wire and firmly insert the metal ground probe into the soil. Ensure the probe is in moist earth for optimal grounding.
4. **Orient for Visibility:** Position the indicator so that the LED light faces the direction from which you will be observing it.



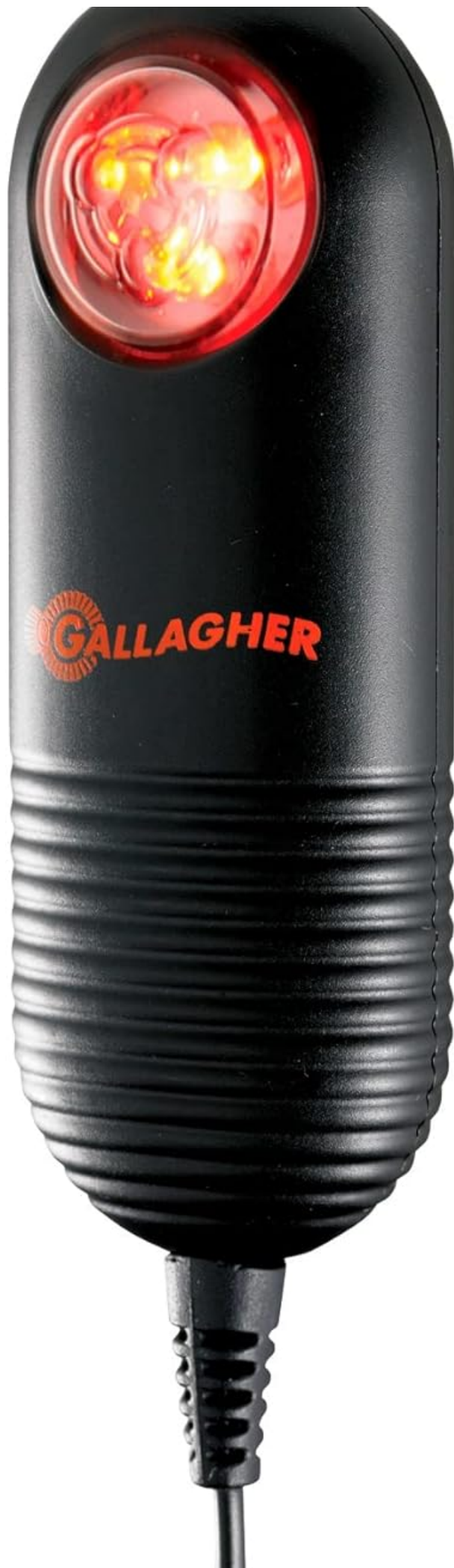
The Gallagher Live Fence Indicator is designed for easy, tool-free installation. This image demonstrates how the device clips securely onto an electric tape fence, ready to monitor voltage.

### 3. OPERATING INSTRUCTIONS

Once properly installed, the Gallagher Live Fence Indicator operates automatically, drawing power directly from the electric fence line. No manual activation or batteries are required.

- **Live Fence Indication:** When the electric fence is operating correctly and the voltage exceeds approximately 3,000V, the indicator's red LED light will flash with each pulse from the energizer. This visual confirmation signifies that your fence is live and effectively deterring animals.
- **Visibility:** The bright LED is designed to be highly visible. At night, it can be seen from distances up to 3,000 feet (approximately 914 meters), allowing for convenient monitoring without needing to walk the entire fence line. During daylight hours, the flash is still visible, though its intensity may be reduced in direct sunlight.
- **No Flash Indication:** If the LED light is not flashing, it indicates that the fence is either not energized, the voltage is below the 3,000V threshold, or there is a fault in the fence system. Refer to the Troubleshooting section for guidance.







The Gallagher Live Fence Indicator, model G51100, features a bright red LED that flashes to indicate a live electric fence. This image shows the indicator in its active state.

## 4. MAINTENANCE

The Gallagher Live Fence Indicator is designed for minimal maintenance due to its robust construction and battery-free operation.

- **No Batteries:** The device is powered by the fence line, eliminating the need for battery replacement.
- **Weather Resistance:** Constructed from durable plastic, the indicator is UV and water-resistant, designed to withstand various outdoor weather conditions.
- **Cleaning:** Periodically wipe the indicator clean with a damp cloth to remove dirt or debris that may accumulate on the LED lens, ensuring maximum visibility.
- **Ground Probe:** Ensure the ground probe remains firmly in the soil for effective operation. If the soil is very dry, consider watering the area around the probe to improve conductivity.

## 5. TROUBLESHOOTING

If your Gallagher Live Fence Indicator is not functioning as expected, consider the following troubleshooting steps:

- **Indicator Not Flashing:**
  - **Check Energizer:** Verify that your electric fence energizer is powered on and functioning correctly.
  - **Inspect Fence Line:** Look for any breaks in the fence wire or tape, loose connections, or excessive vegetation touching the fence that could be causing a short circuit and reducing voltage.
  - **Verify Grounding:** Ensure the indicator's ground probe is securely inserted into moist soil. Poor grounding can prevent the indicator from receiving sufficient power to flash.
  - **Voltage Below Threshold:** The indicator only flashes when voltage exceeds 3,000V. Use a dedicated fence voltage meter to confirm the actual voltage on your fence line.
- **Dim or Irregular Flash:**
  - A dim or irregular flash may indicate lower than optimal fence voltage. This could be due to minor grounding issues, excessive load on the fence, or a less powerful energizer.
  - Check for any partial shorts or areas where the fence might be losing power.

## 6. SPECIFICATIONS

Model Number	G51100
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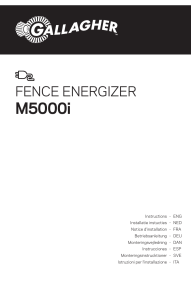
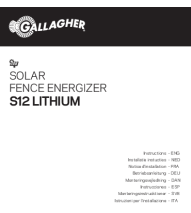
<b>Brand</b>	Gallagher
<b>Material</b>	Plastic
<b>Light Source Type</b>	Light Emitting Diode (LED)
<b>Power Source</b>	Fence Line (No Batteries Required)
<b>Product Dimensions</b>	1"L x 3"W x 7"H (approximately)
<b>Item Weight</b>	3.95 ounces (112 grams)
<b>Mounting Type</b>	Clip-on / Bracket Mount
<b>UPC</b>	644493511003

## 7. WARRANTY AND SUPPORT

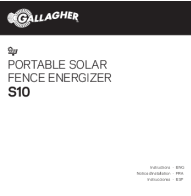
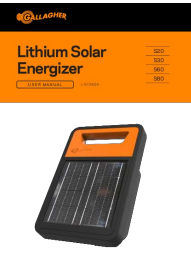

**Warranty Information:** This product is covered by a manufacturer's warranty. For specific details regarding the warranty period and terms, please refer to the documentation included with your purchase or visit the official Gallagher website.

**Customer Support:** For technical assistance, troubleshooting, or warranty claims, please contact Gallagher North America customer support. Contact information can typically be found on the product packaging or the official Gallagher website.

## Related Documents - G51100

	<p><a href="#">Gallagher Lithium Solar Energizer Quick Start Guide</a></p> <p>Quick start guide for the Gallagher Lithium Solar Energizer (Model 3E5721). Learn how to install, charge, and operate your energizer safely and effectively.</p>
	<p><a href="#">Gallagher M5000i Mains Powered Fence Energizer User Manual</a></p> <p>Comprehensive user manual for the Gallagher M5000i Mains Powered Fence Energizer. Includes detailed instructions on installation, operation, safety, troubleshooting, and product specifications for effective animal containment.</p>
	<p><a href="#">Gallagher S12 Lithium Solar Fence Energizer User Manual   Installation &amp; Operation Guide</a></p> <p>Comprehensive user manual for the Gallagher S12 Lithium Solar Fence Energizer. Includes installation instructions, safety warnings, troubleshooting tips, and product specifications for effective electric fencing.</p>



 <p>PORTABLE SOLAR FENCE ENERGIZER S10</p>	<p><a href="#">Gallagher S10 Portable Solar Fence Energizer: User Manual &amp; Installation Guide</a></p> <p>Comprehensive user manual for the Gallagher S10 Portable Solar Fence Energizer, covering installation, operation, safety, troubleshooting, and specifications. Learn how to effectively manage your electric fencing with this solar-powered solution.</p>
 <p>Lithium Solar Energizer</p>	<p><a href="#">Gallagher Lithium Solar Energizer User Manual: S20, S30, S60, S80</a></p> <p>Detailed user guide for Gallagher Lithium Solar Energizers (S20, S30, S60, S80), covering installation, operation, maintenance, troubleshooting, and technical specifications for effective livestock fencing.</p>
 <p>S60 &amp; S80 Lithium Solar Energizer</p>	<p><a href="#">Gallagher S60 &amp; S80 Lithium Solar Energizer Quick Start Guide</a></p> <p>A quick start guide for the Gallagher S60 &amp; S80 Lithium Solar Energizer, covering setup, charging, storage, and battery information.</p>