

# AUTOMATIC GATE OPENER

## *Pre-Installation Guide*



### **CONVENIENCE**

*Open your single or double gate with just the touch of a button.*

### **CONTROL**

*Limit access to your property, while simplifying your own entry.*

### **CONFIDENCE**

*The most powerful self-installed gate opener on the market . . . backed by Zareba's 60 years of experience.*



Use this guide to help you with **4** important pre-installation considerations.

# FOUR IMPORTANT AUTOMATIC GATE OPE

## 1 YOUR GATE

The Zareba **AUTOMATIC GATE OPENER** works on both single or double swing gates and adapts to most types of gates including vinyl, tube, chain link, metal, or wood (solid wood gates are not recommended as wind resistance may be an issue).

It is very important that your gate is in proper operating condition before installing the **AUTOMATIC GATE OPENER**. Any gate opener will struggle to open an inoperable gate. Prior to installation, verify that:

- the gate meets weight and length requirements listed in the following chart;
- the gate is plumb, level and swings freely on its hinges;
- wheels are not attached to the gate;
- the gate can move through its swing arc without binding or dragging on the ground;
- ball-bearing hinges with grease fittings are used with gates weighing over 250-pounds;
- the fence post is secured in the ground with concrete to minimize flex or twist;
- the gate has a horizontal cross member to provide stability.

If your gate meets these conditions, a properly installed Zareba **AUTOMATIC GATE OPENER** will open your gate with just the push of a button!

### *Which gate opener do I need?*

| GATE WEIGHT      | GATE LENGTH  | GATE TYPE | GATE OPENER MODEL |
|------------------|--------------|-----------|-------------------|
| Up to 850 lbs.   | Up to 18 ft. | Single    | G550              |
|                  |              | Double    | G552              |
| Up to 1,000 lbs. | Up to 20 ft. | Single    | G750              |
|                  |              | Double    | G752              |

## 2 POWERING OPTIONS

The Zareba **AUTOMATIC GATE OPENER** is powered by a 12-volt, 7.2 amp hour battery, included in every kit. Like any battery, it becomes drained with use and needs to be charged. Battery charging options:

### **AC Battery Charging**

We recommend using AC power (if available within 1,000 feet of gate) to provide a continuous trickle charge to the battery. The AC transformer is included with the **AUTOMATIC GATE OPENER** kit, but you will need 16-gauge low-voltage direct burial wire (not included in kit; model GW1) that will run from the gate to the power source.

### **Solar Battery Charging**

If AC power is not available within 1,000 feet, we recommend using the Zareba **SOLAR POWERED BATTERY CHARGER** (5-watt: GSP5; 10-watt: GSP10) to charge the battery. You may need more than one solar panel to meet your needs, depending on your geographic location, gate size and type, and number of open/close cycles per day. Consult the **SOLAR POWERED BATTERY CHARGER** package for more details. For optimal results, a second 12-volt battery will maximize the number of open/close cycles.

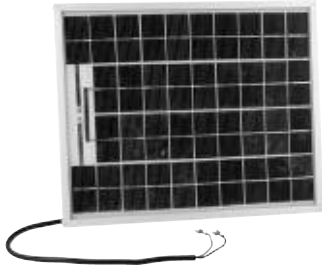
## 3 TOOLS NEEDED

- Power drill
- Open-end wrenches — 3/8", 7/16", 1/2", and 9/16"
- 3/8" Drill bit
- Hacksaw or heavy-duty bolt cutters
- Small (flat-bladed) screwdriver
- Phillips screwdriver
- Tape measure
- Level
- Wire strippers (for stripping the transformer cable)
- C-clamps

# ENER PRE-INSTALLATION CONSIDERATIONS

## 4 GATE OPENER ACCESSORIES

The **AUTOMATIC GATE OPENER** works with a full range of optional Zareba accessories that help maximize the use of your gate opener.



**Solar Powered Battery Charger** (5-watt: GSP5; 10-watt: GSP10) – Charges 12-volt battery when AC power is more than 1000-feet from gate. Open/close cycles limited by number of solar panels and geographic location.

**Transmitters** – For additional drivers to open gate or to open other devices (like garage door) with a single transmitter. Range of up to 300-feet.

*Mini Transmitter (GKF1) – Fits on keychain.*

*One Button Transmitter (GT1) – To control one device.*

*Two Button Transmitter (GT2) – To control two devices.*

*Three Button Transmitter (GT3) – To control three devices.*



**In-Ground Vehicle Sensor (GS1)** – Allows guests to exit property without having a transmitter. Hidden from sight underground, sensor detects vehicles within a 12-foot range.



**Automatic Gate Lock (GL1)** – Locks when gate closes; automatically unlocks when gate opener is activated. For additional security or stability in environments where gate is exposed to excessive force such as heavy wind or large animals

**Pin Lock (GPL1)** – Pin lock replaces clevis pin at front gate mount. Provides extra security by deterring unauthorized removal of actuator arm.



**Keypad (GKP1)** – Allows entry by authorized guests informed of your pre-set code. Change access code in just seconds. Weather-protective cover.



**Push-Button Control (GB1)** – Opens gate with the push of a button. For interior or exterior use. Operates gate opener from up to 1000-feet away.



**Garage Door Receiver (GDR1)** – Eliminates the need for multiple control devices, allowing you to use your Zareba transmitter to open both your garage door and gate.

**Push-to-Open Bracket (GAB1)** – Additional bracket available for gates that swing out rather than in.

**Replacement Battery (GRB1)** – Standard 12-volt, 7.2 amp-hour maintenance-free battery for the Automatic Gate Opener.

**Low-Voltage Wire (GW1)** – 16-gauge, multi-stranded, dual-conductor low voltage wire used to connect the AC-powered transformer to the control box.

# FAQ's

## AUTOMATIC GATE OPENER



### How does an automatic gate opener work?

An automatic gate opener works much like a garage door opener works. A wireless radio signal is sent from a transmitter, or other similar device, to an RF (radio frequency) receiver box which is mounted near the gate. The receiver is wired to a control box and activates a circuit which initiates movement in the actuator or gate opener arm. The arm physically swings the gate open. The gate opener system needs either AC power or solar power to keep the battery charged. The gate can be programmed to close in one of a variety of ways such as pushing the transmitter button again, or the gate can be configured to close automatically after a pre-determined amount of time.

### What transmitter devices will work with the gate opener?

In addition to the single button transmitter that is included with the AUTOMATIC GATE OPENER kit, several other transmitter devices can be set with the same code to match the code in your receiver box. Zareba offers a full range of handheld transmitters, from keychain-sized to two- and three-button models. Also, you can open your gate with a mounted, push button control, keypad, or vehicle sensor. In-vehicle transmitter systems (such as HomeLink®) can also be programmed to work with the Automatic Gate Opener.

### How difficult is the set up and installation?

Each installation is unique and will vary depending on what type of gate and fence posts you have, how many accessories are installed, and the distance you have to run low voltage wire from the power source. The installation only requires common tools. If possible, having two people on hand for the installation will make things go smoother. Read the installation manual before starting to make sure you understand the entire process. A simple installation should take no longer than 3-4 hours.

### How many times will it open and close per day and how fast does the gate open?

This depends on how you charge the 12-volt battery that operates the system and how large the gate is. In general, an AC power source will open the largest and heaviest gates 200 cycles per day. Solar power will charge the battery at a slower rate and the number of cycles per day will vary depending on the number of solar panels used and the geographic region of the installation. The opening time depends on how heavy and long the gate is. Most gates will open to 90-degrees in approximately 20 seconds.

### Can you leave your gate open for an extended period after going through it?

You can choose to have the gate close automatically (after a predetermined number of seconds) or you can have the gate close only after receiving a signal from a transmitter, keypad, or push button control a second time.

### What type of gate latch is used?

The gate stops at the programmed closed position and is held in place by the gate opener. There is no "latch." The stop plate included in the kit provides additional protection against gate movement. For maximum security or stability in environments where the gate may be exposed to excessive force such as heavy wind or large animals, a Zareba Automatic Gate Lock (GL1) is recommended for further support.

### What do we need to do differently in cold, snowy weather?

The Zareba AUTOMATIC GATE OPENER is designed to work in all weather conditions. Be sure to clear snow away from the gate's swing path before activating the opener. Also, cold weather affects moving parts like the gate opener and hinges. Lubrication with a silicone spray every 4-6 weeks is recommended.

### What is included with the Automatic Gate Opener?

Everything you need is included, except low voltage wire (GW1). Components included are: *gate opener (actuator), control box, battery, entry transmitter, transformer, receiver, mounting brackets and hardware, instruction manual, and warning signs.*



Parts shown for single gate model G750