

## Armed Guard Limited Warranty

Date of Purchase \_\_\_\_\_

If for any reason this product should fail to perform due to defects in material or workmanship, Armed Guard Security (the "Company") will repair or replace the defective component free of charge, at its election, for a period of 90 days from the date of original purchase. This warranty is non-transferable, and is extended only to the original purchaser, purchased from an authorized seller. **You must register** your product with Armed Guard Electronic Security within 90 days of your purchase to obtain warranty coverage. You may register by mail or on the [www.armedguard.com](http://www.armedguard.com) website.

### Exclusions

This warranty does not cover batteries, cosmetic damage, or service by anyone other than an approved warranty service center. Any failure of this product or part thereof, which in the opinion of the Company has been damaged through alteration, tampering, improper installation, misuse, neglect, accident, or acts of God, is not covered under this warranty. The company does not warrant this product for commercial or industrial use, and does not warrant that this product cannot be compromised or circumvented.

### Repair and Replacement

If an Armed Guard product is suspected of being defective, it must be submitted freight prepaid to the Company within the warranty period, together with a dated bill of sale and written specification of defect. The returned product will be inspected. If the product is found to be defective and covered by this Limited Warranty, the sole remedy is repair or replacement, at Armed Guard Security's option. A repaired or replacement product will be shipped back, within 30 days, at no charge, and will be warranted to be free from defects in workmanship and materials under normal use for the remainder of the warranty period. This Limited Warranty does not cover removal, installation, or reinstallation costs. The product should be returned, freight prepaid to the address below. If a unit is found not to be defective, it will be returned to owner.

### Exclusion of Damages

There are no express warranties except as listed above. In no event shall Armed Guard Security be liable for any damages whatsoever (including, without limitation, consequential damages, incidental damages, or damages for loss of use, loss of business profits, business interruption, loss of business information, loss of time, inconvenience, or other losses) arising out of the use, misuse, or inability to use an Armed Guard product. The extent of the company's liability under this warranty is limited to repair or replacement provided above, and in no event shall the company's liability exceed the purchase price paid the purchaser for the product.

Armed Guard Security reserves the right to change the design of its products without any obligation to modify any previous product. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

**Ship warranty items freight prepaid to:**  
**Armed Guard Electronic Security**  
746 Mooney Street  
Independence, OR 97351

  
**ARMED GUARD**  
**ELECTRONIC SECURITY**

*Your Source for 12-Volt Alarm Systems*

Armed Guard G-Force Alarm System

Operating Instructions

*Portable Alarm System*



Technical Support  
800-536-7852 503-606-2959  
[www.armedguard.com](http://www.armedguard.com)

## Operating Instructions

**Warning – Loud Siren Sound is produced when the alarm is triggered.**

**Power Up** – Remove “Key” from Battery Charger Input. The battery charger input connector on the Portable Alarm is also the On/Off Switch to the Alarm System.

**Guard Mode** — Enter and exit Guard Mode by pressing either the Left or Right Button on the Remote Transmitter. When the Portable Alarm enters Guard Mode it will sound one tone. When the Alarm is disarmed, or enters idle Mode, it will sound two tones. The Left Button enters Guard Mode with perimeter sensor activated (if equipped). The Right Button enters Guard Mode with perimeter sensor off.

**Triggered Alarm/Automatic Re-Arm** — If alarm is triggered and sounds the sirens, the siren sound will continue for 45 seconds and then automatically re-enter Guard Mode to provide continuous protection. If alarm is triggered while you are away, upon disarming, you will hear triggered sensor tones.

**Remote Panic/Portable Alarm Locator** — Depress and hold the Left Button for approximately 2 seconds. Alarm will trigger up to 75 feet away, sounding siren. If installed, pager will be activated.

**G-Force Motion Sensor** — When the alarm is in Guard Mode, G-Force motion sensor measures all contact or movement. Alarm will immediately trigger upon any movement detection.

**Perimeter Sensor** – When the Portable Alarm has been Armed using the Left Button on the Remote, the alarm will sound when movement is detected in the Perimeter Zone. The size of the Perimeter Zone can be adjusted from approximately one to ten feet by turning the adjustment on the front of the Portable Alarm. Remove the protector rubber plug and using the small screwdriver provided, turn clockwise to increase the zone size, or counter clockwise to decrease the size of the perimeter zone.

## ADDITIONAL OR REPLACEMENT TRANSMITTER

Code Learning Remote Control Transmitter

1. Remove the inline power fuse of alarm. Wait 5 seconds.
2. Reinsert fuse. Wait until the alarm completes power up sequence (10-15 seconds).
3. Apply a load to battery, such as a 12 volt light or other load drawing item.
4. With replacement or additional transmitter, press and hold left or right transmitter button until single tone is heard. Repeat this step with either replacement transmitter, or additional transmitter until two tones are heard. Code learning is complete.
5. Remove load from battery and test one or both transmitters to insure each will arm/disarm alarm.

Note: Code learning must be completed within 30 seconds of applying the load to the battery.

## SYSTEM SPECIFICATIONS

**Operating Voltage** — 7-14 volts dc.

**Siren Circuit** — 5A output w/125db siren. 129db siren optional.

**LED** — 3-volt, non-flashing

**Movement Sensor** — Internal "G-Force" Sensor - 4 sensitivity levels.

**Perimeter Sensor** — 2.44ghz (12 volt) 1-10 foot adjustable range with warn away.

FCC ID: EBYKEC888MW100

**Alarm Cycle** — 45 seconds - automatic rearm function.

**Transmitter** — 2 channel, 4 billion codes, random code hopping, code learning. 75 ft. range.

**Transmitter Battery** — 2 Lithium CR2016 coin cell.

**Pager Module** — 4 watt 27.145 MHz. One-mile max range.

**Pager Receiver** — Audible/vibrating beeper. 2 “AAA” batteries (included).

**FCC ID** — Receiver ID: LAXALM1 Transmitter ID: LAXTRX1

*Device complies with FCC Rules Part 15. Operation is subject to the following two conditions: (1) Device may not cause harmful interference, and (2) device must accept any interference received, including interference that may cause undesired operation.*

## Troubleshooting

- Alarm does not power up when fuse is inserted. 1. Check power lead to see it is connected to positive 12v. 2. Check condition of mini-ATC fuse. 3. Check ground connection. 4. Check siren connection. Attempt to power up alarm again. When alarm powers up, it goes through a start up phase that may chirp the siren.
- Alarm Remote Transmitter does not function-Check to see if indicator light turns on when left or right button is pressed. If no light, change batteries (2 CR2016 coin cells). If light activates, reset alarm by removing and reinserting fuse. You may need to reprogram remote transmitter (see *Additional or Replacement Transmitter* instructions).
- Siren runs continuously - Ensure that there is not direct power and ground to the siren. Pull and reinsert alarm fuse. If siren still runs continuously, contact customer service or ship main alarm logic unit for testing.
- Alarm triggers but siren does not sound – Ensure siren is connected; if there is a pager in the system, temporarily remove the pager from the system by disconnecting one or both wires. Trigger alarm and check siren. If siren still does not sound even with pager removed, test siren by connecting it directly to 12-volt power. If siren does not sound with direct power, send siren back to Armed Guard for replacement.
- LED Light – The LED light should blink when the alarm is armed, it should also briefly illuminate during alarm startup and arming sequence. If LED fails to light, ensure red wire is connected to alarm module (short red wire) and black is to ground. If it still fails to illuminate, replace LED from Armed Guard, or local electronics store (3 volt red non-blinking).
- Excess Power Consumption – The Armed Guard G-Force Alarm Module should consume approximately 4 mA/hour, a minimal consumption rate that should not discharge a battery in good condition. An armed system with a Perimeter Sensor consumes more energy. You can test the power consumption by removing the fuse and inserting the probes from a meter into the connectors for the fuse. During long periods of storage, remove the fuse from the wiring harness.
- Fuse “Blows” – The Armed Guard G-Force Alarm is shipped with a 7.5 Amp fuse. If your system “blows” fuses when the alarm triggers, you may be drawing more current than the rating of the fuse. Try to isolate what item is causing the fuse to blow, by removing items from the circuit (siren, pager). Check the wiring on the items to ensure there is no direct ground.

## Charging the Battery

The Portable Battery should be charged using the furnished 500mah battery charger/maintainer. When the battery is fully charged, the green light on the charger will illuminate.

## Alarm Trigger Notification

**Triggered Alarm Monitor** — Upon disarming alarm, you will hear double disarm tone. Immediately after double disarm tone, you will hear a series of ticks as follows indicating which sensor triggered alarm.

1 Tick	G-Force Movement Sensor
4 Ticks	Perimeter Sensor (if equipped)

**G-Force Motion Sensor Adjust** — You may adjust the sensitivity of G-Force motion sensor using the Right Button of the remote transmitter. To adjust sensitivity — with alarm unarmed, or in idle mode, press and hold the Right Button until one tone is heard, immediately followed by a series of ticks. To select desired sensitivity, let up on the Right Button after the corresponding number of ticks. The G-Force motion sensor will retain desired sensitivity setting but can be adjusted at any time.

4 Ticks	Highest Sensitivity
3 Ticks	Medium Sensitivity
2 Ticks	Lowest Sensitivity
1 Tick	G-Force Motion Sensor Off

## Optional Pager Operating Instructions

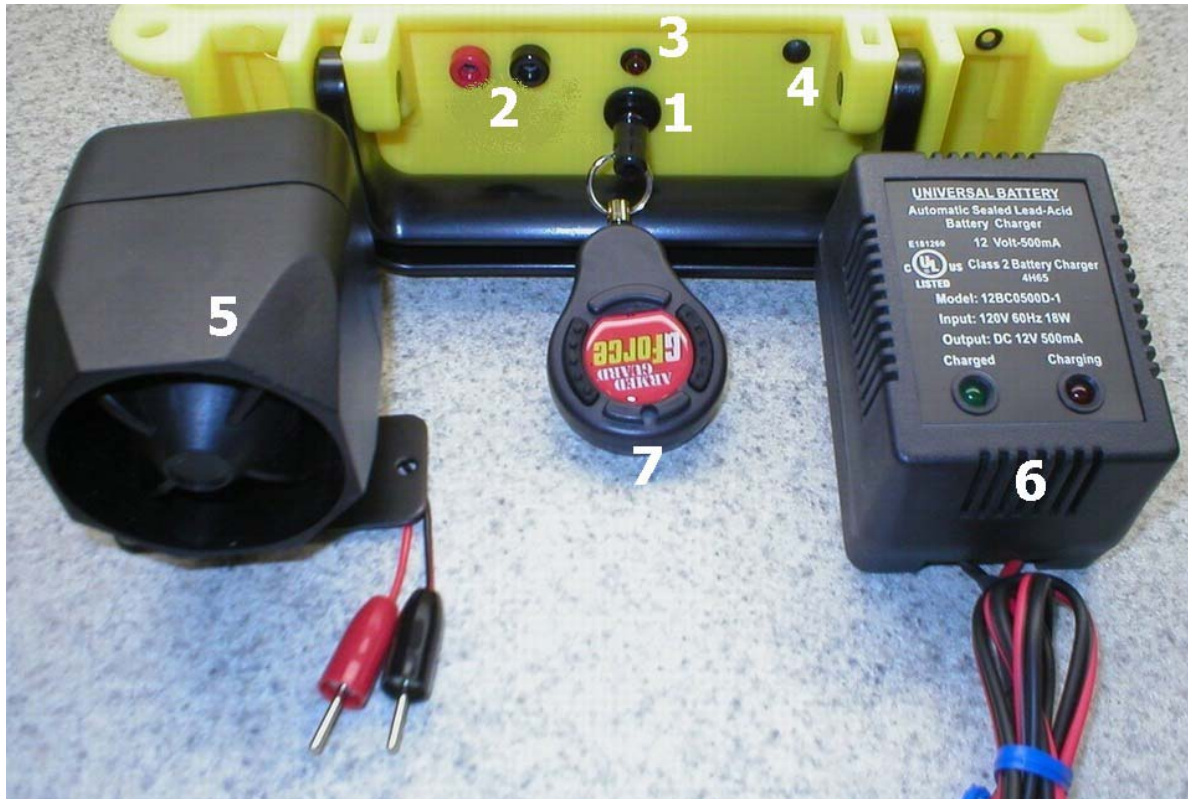
**Pager Notification**— When alarm is triggered with pager module installed, you will receive an audible beep/vibration cycle on pager receiver within seconds. Up to 3 alarms may be monitored with pager receiver.

**Pager Receiver** — Switch pager receiver "On" when using. Select audible or vibration mode. Upon activation of alarm, ZONE light flashes red, PAGE light flashes green. To clear receiver, press down on switch or move to "OFF" position.

**Low Battery Indicator** — Battery life expectancy is 600 hours. When batteries are low, the receiver will beep twice every 60 seconds when turned on. Replace with 2 "AAA" batteries.

**Page Indicator** — If alarm is triggered and pager is activated, receiver will beep once every 30 seconds indicating a page was received. Press down on receiver switch to reset.

# Armed Guard Portable Alarm System



1. On/Off Switch and Battery Charger Input.
2. External Siren Input.
3. LED
4. Perimeter Sensor Sensitivity Adjustment.
5. External Siren
6. Battery Charger
7. Remote Transmitter

**Left Button:** →  
**Push to Activate  
(Arm) the Portable  
Alarm with the  
Perimeter Sensor.**



← **Right Button:**  
**Push to Activate  
(Arm) the Portable  
Alarm without the  
perimeter sensor.**