

## USE & CARE INSTRUCTIONS

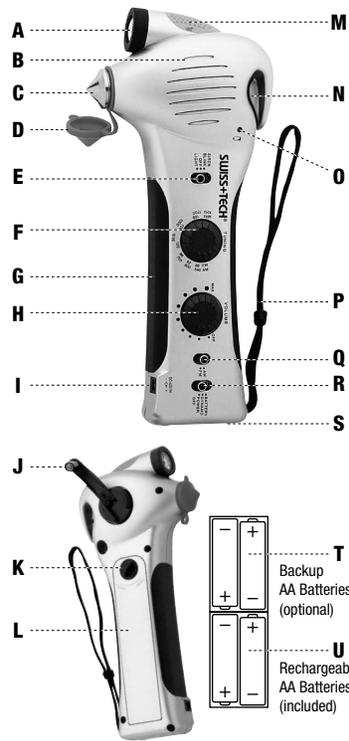
# BodyGard Survivor®

8-in-1 Self-Powered  
Emergency Companion



SWISS+TECH®

- A. LED Flashlight
- B. Speaker for Radio & Siren
- C. Emergency Glass Breaker Hammer
- D. Emergency Hammer Cushioned Cover
- E. Flashlight/Flasher/Siren Control
- F. AM/FM Radio Tuner Dial
- G. Anti-Slip Grip
- H. Radio Volume & Siren On/Off Switch
- I. DC Input for Optional AC Charger
- J. Self-Charging Hand Crank
- K. Battery Compartment Latch
- L. Battery Compartment Cover
- M. Emergency Flasher
- N. Seatbelt Cutter Safety Blade
- O. Battery Charging Indicator
- P. Adjustable Lanyard, FM Antenna
- Q. AM/FM Selector Switch
- R. Power Selection, On/Off Switch
- S. Self-Standing Magnetic Base
- T. Backup Battery Compartment
- U. Rechargeable Battery Compartment



## POWER CHOICES

**TURN OFF:** Slide Selector (R) to "Power Off" position to turn off main power.

### RECHARGEABLE BATTERIES:

Slide Selector (R) to "Dynamo" position to use rechargeable batteries in the lower Rechargeable Battery compartment (U). See "SELF-CHARGING HAND CRANK" for how to recharge. Uses two AA" DC-1.2V/ 700mAH batteries (included).

### OPTIONAL DC POWER ADAPTOR:

You may use DC power with your unit. You will need a 5.5 mm diameter, DC-4.5V 300mA adaptor with a positive(+) center (not included). Insert adaptor into DC-4.5V Jack (I) and the rechargeable batteries will be recharged even while the unit is in use. The Battery Charging Indicator (O) will light up. DO NOT exceed 6-8 hours when using external DC power to recharge batteries.

### OPTIONAL BACKUP BATTERIES:

Slide Selector (R) to "Battery" position to use backup batteries (must be installed first). Uses two ordinary alkaline or carbon-zinc batteries AA batteries (not included).

## CHARGE BEFORE USE

In order to operate your BODYGARD SURVIVOR® using the included rechargeable batteries, the unit must first be charged.

Before charging, make sure that the three-position slide switch is in the bottom, "POWER OFF" position.

To charge unit, turn the hand crank on the back of the unit in either direction, or use an optional DC Adaptor. Wind up to 120-150 RPM (2 to 2.5 turns per second). The Battery Charging Indicator (O) will light up indicating that recharge is in process.

## LOAD BACKUP BATTERIES

Turn Battery Compartment Cover Latch (K) to "Open" and remove the battery compartment cover.

Place two ordinary alkaline or carbon-zinc batteries AA batteries (not included) in the upper backup battery compartment (T), be sure to identify the +/- polarity and install the batteries correctly. Replace the battery compartment cover and turn the Cover Latch (K) to the "Close" position.

*DO NOT mix old and new batteries.*

*DO NOT mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.*

## SELF-CHARGING HAND CRANK

For Dynamo Hand Crank emergency recharging, first ensure that AA Ni-cad, Ni-Mh or Lithium rechargeable batteries are correctly placed inside the unit (U).

To charge, slide three-position switch (R) to the bottom, "POWER OFF" position and wind the Handle in either direction at 120-150 RPM (2 to 2.5 turns per second). The Battery Charging Indicator (O) will light up indicating that recharge is in process.

**3 minutes of Hand Cranking** delivers up to:

- 10-20 minutes of Flashlight use
- 8-16 minutes of Emergency Flasher use
- 30-60 minutes of Radio use (low volume)
- 4-7 minutes of Siren/Flasher use

**Time to fully charge:** 2-3 hours (crank or adaptor)

**Fully charged batteries** deliver up to:

- 12-16 hours of Flashlight use
- 10-12 hours of Emergency Flasher use
- 35-40 hours of Radio use (low volume)
- 6-9 hours of Siren/Flasher use

### NOTES:

- (1) *Rated battery life should be used as a guide and never be taken literally.*
- (2) *Actual battery life may vary based on usage, environmental conditions and winding speed.*
- (3) *If the Siren, Flashlight or Emergency Flasher goes on when generating power, these buttons should be switched to the off position.*

## FLASHLIGHT, FLASHER, SIREN

Use Selector Switch (R) to choose the power supply.

Slide Selector Switch (E) to "Light" position to use the flashlight.

Slide Selector (E) to "Blink" position for flasher use.

Slide Selector (E) to "Siren" position to set siren on. Turn Volume Dial (H) in a clockwise direction, a "click" sound indicates that the siren is on. (Reverse to turn off.)

**ATTENTION:** *Serious deterioration in sound quality indicates weak batteries. Recharge or replace.*

## AM/FM RADIO

Slide Selector (R) to select type of power supply

Slide Selector (E) to "Off" or "Light" position.

Turn Volume Dial (H) in a clockwise direction, a "click" sound indicates that the power is on (reverse to turn off). Turn dial to a suitable volume.

Slide AM/FM Radio Selector (Q) to select AM or FM.

Turn Tuning Dial (F) to select the station you desire.

Adjust the angle of the Carrying Strap & FM Antenna (P) to improve reception.

**ATTENTION:** *Serious deterioration in sound quality indicates weak batteries. Recharge or replace.*

## EMERGENCY TOOLS

### GLASS BREAKING TOOL

In case of emergency, when trapped in vehicle, use the glass breaking tool. Remove Glass Breaker Cover (D), hold the handle of the unit firmly, aim Glass Breaker (C) at the side window glass and hammer sharply. Does not work on laminated windshields.

### SEAT BELT CUTTER

During an emergency when you are unable to release your seat belt, immediately slip the seat belt into the opening of the Seat Belt Cutter (N), hold the unit firmly and slide it across the seat belt to cut and to release yourself from the binding.

### STANDING FLASHLIGHT

The base of the unit (S) is mounted with a Powerful Magnet, which can be securely attached to the body of vehicles or other metal surfaces.

You may attach the unit to the vehicle or a metal surface, or hang it up while carrying out repair work, or use it as a warning blinker under hazardous weather or at night.

### EMERGENCY LIGHT & SIREN

See "FLASHLIGHT, FLASHER, SIREN" for operation.

## ATTENTION – READ CAREFULLY!

*DO NOT exceed 6-8 hours when using external DC power to recharge the rechargeable batteries.*

*DO NOT mix alkaline, carbon, rechargeable, new and old batteries.*

*DO NOT dispose of batteries in fire, batteries may explode or leak.*

*DO NOT submerge the unit, it is NOT waterproof.*

*FOR LONGER BATTERY LIFE, slide power switch (R) to the "OFF" position when the unit is not in use.*

*FOR STORAGE, if unit will not be used for a long time, remove batteries to avoid damage from leakage.*

## ONE YEAR LIMITED WARRANTY

This product is covered by a One Year Limited Warranty to the original purchaser in that this product is free from defects in workmanship and materials. During the warranty period, this product will either be repaired or replaced with a product of equal or greater value.

Damage through normal wear and tear (including battery expiration and surface coatings), repair or alteration, misuse, abuse, neglect, accident, improper storage and handling, fire, negligence, improper cleaning, circumstances not directly attributable to manufacturing defects, or act of God is not included.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR ISSUE.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Simply return your SWISS+TECH® brand product postpaid and insured to:

SWISS+TECH PRODUCTS  
30725 Solon Industrial Parkway  
Solon, OH 44139

[www.swisstechtools.com](http://www.swisstechtools.com)

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