

zoombak™

Car Locator User Guide



ZoombakServices
Car & Family A-GPS Locator
www.zoombak.com

COPYRIGHTS

© 2011 Zoombak, Inc. All rights reserved. Zoombak is a trademark of Zoombak, Inc., a wholly owned subsidiary of Securus, Inc.

NOTICES

This document neither grants any license nor conveys any rights with respect to the subject matter hereof or otherwise. Zoombak expressly retains all intellectual and other property rights with respect to this document and all matters set forth herein. This document is neither an offer nor an acceptance. Neither party will be obligated with respect to the subject matter hereof unless and until such party has entered into a definitive agreement. Some technical assertions of capability included herein are estimates based on limited information gathered from past experience.

TRADEMARKS

Zoombak™ and the Zoombak logo are trademarks owned by Zoombak, LLC and protected in the United States and other countries.

Table of Contents

Introduction	1
Getting Started	2
Key Functions	2
Zoombak Car Locator Package Contents	3
Using the Car Locator	4
Charging the Battery	4
Battery Life	5
Powering the Car Locator ON/OFF	6
Monitoring the Car Locator Status	6
Placing the Locator in Your Car	7
Safety and Warranty Information	8
Safety Information	8
FCC Regulations	9
Zoombak Locator Disposal and Recycling	10
Reduction of Hazardous Materials (RoHS)	10
Specific Absorption Rate (SAR)	10
Warranty Information	11
Service After Expiration of Warranty	11
Warranty Limitations	11
Water Resistance	11
Contacting Customer Care	12
Specifications and Certifications	13
Car Locator Specifications	13
Certifications	14
AC Wall Charger Specifications	14
12 VIt DC Car Charger Specifications	14
Important Coverage Information	14

Introduction

Thank you for purchasing the Zoombak Car Locator. Zoombak is focused on the development and marketing of breakthrough mobile communications solutions that leverage the power of wireless technology and location-based services to provide people with new ways to connect to each other and their world.

This Guide will introduce you to all of the features of your Zoombak Car Locator device. If you have any questions, please contact Zoombak Customer Care at 1-866-951-0101 or visit our website at www.zoombak.com.

In addition to this Zoombak Car Locator User Guide, included in your package is a Zoombak Car Locator Quick Start Guide. The Quick Start Guide will briefly walk you through activating your service, using your service, and setting up your safety zones and alerts. For more detailed instructions on using your service, please visit www.zoombak.com.

Please read this Zoombak Car Locator User Guide and the accompanying Quick Start Guide before setting up your account. Activation and use of the Zoombak Locator are subject to Zoombak's customer agreement, plans, terms and conditions, which can be found at www.zoombak.com/terms.

The Zoombak Car Locator User Guide is divided into five main sections:

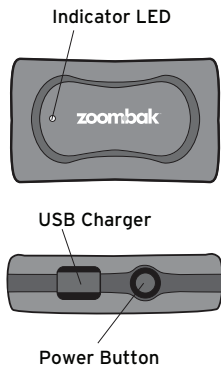
- Section 1. Getting Started
- Section 2. Using the Car Locator
- Section 3. Safety and Warranty Information
- Section 4. Contacting Customer Care
- Section 5. Specifications and Certifications

Getting Started

This section addresses two primary areas:

- Zoombak Car Locator Features
- Zoombak Car Locator Package Contents

Front / Aerial View of Locator



Key Functions

- USB Charger Jack-Connects the Zoombak Car Locator to the AC Wall Charger (included) or 12 Volt DC Car Charger (included for installed option)
- Locator Status LED indicator - Allows you to monitor (at a glance) the power and battery status of your Zoombak Car Locator

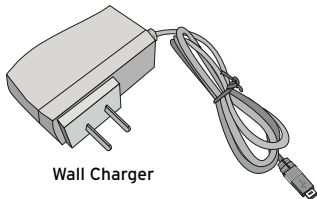
Zoombak Car Locator Package Contents

When you purchase the Zoombak Car Locator, the package should contain the following:

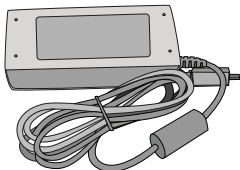
- Zoombak Car Locator
- Zoombak Car Locator Installation Kit (bracket, screws, Velcro set, zip ties and 2-sided tape)
- AC Wall Charger
- 12 Volt DC Car Charger- Installed Option
- Zoombak Car Location Quick Start Guide
- Zoombak Car Locator User Guide



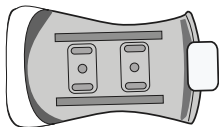
Zoombak Locator



Wall Charger



12-V Charger



Bracket for Auto Installation

If any of these items are missing from your package, please contact Zoombak Customer Care at 1-866-951-0101.

Using the Car Locator

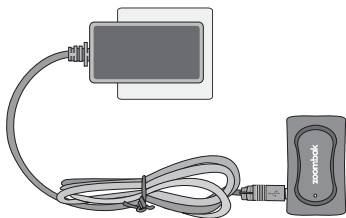
This section addresses five primary areas:

- Charging the Battery
- Battery Life
- Powering the Car Locator ON/ OFF
- Monitoring the Car Locator Status
- Placing the Locator In Your Car

Charging the Battery

Before using the Zoombak Car Locator for the first time, you will need to fully charge the battery. Follow these simple instructions to charge the battery. The initial battery charge time will be 6 hours; each subsequent battery charge will be approximately 4 hours.

1. Remove the Zoombak Car Locator and AC Wall Charger from the Zoombak Car Locator package.
2. Plug the AC Wall Charger into a wall outlet.
3. Attach the Zoombak Car Locator to the AC Wall Charger via the USB Charger Jack on the Zoombak Car Locator.



4. The Locator Status LED indicator will glow amber (yellow), indicating that the Zoombak Car Locator is charging.
5. Once the Locator Status LED glows green this will signal that the Zoombak Locator is fully charged.

Battery Life

Mode	Battery Life
Standby	Up to 120 hours or 5 days
Active Locator Service	Up to 150 Location Requests

Battery life depends on several factors including temperature, network, signal strength and Locator service features used. Location requests include the following Zoombak Locator service features: "Find Now," "Safety Zones" mode and "Continuous Tracking" mode. When your Zoombak Locator indicates low battery (blinking amber LED), recharge your battery as defined in the section of this User Guide titled "Charging the Battery"

Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. The Zoombak Locator battery is not user replaceable; it can only be replaced by an authorized service provider. For more information, go to: www.zoombak.com.

Powering the Car Locator ON/ OFF

In order to power the Zoombak Car Locator on or off, follow these simple instructions:

1. **Power ON-** Press and hold the Power Button until the Locator Status LED Indicator begins to glow (approximately two seconds). Blinking green indicates operation OK.
2. **Power OFF-** Press and hold the Power Button until the Locator Status LED Indicator begins to flash quickly (approximately two seconds). Locator Status LED Indicator will shut OFF when the Locator has properly shut down. A key feature of your Zoombak Car Locator during the power off process is that the Locator will determine its current location and send a power off notification via email and / or mobile text message with its current location and time/date information (see the Zoombak Car Locator Quick Start Guide for details on setting up your alerts). The Locator Status LED Indicator will continue to blink during the power off process, which may take up to 2 minutes to complete this important notification feature.

Monitoring the Car Locator Status

Refer to the following list in order to determine the status of your Zoombak Car Locator LED Indicator at any time.

BLINKING GREEN	Indicates Power ON
BLINKING AMBER (YELLOW-ORANGE)	Indicates Low Battery
GREEN	Indicates Fully Charged (when Charging)
AMBER (YELLOW-ORANGE)	Indicates Charging
NO COLOR	Indicates Power OFF or Battery Needs to be Charged

Placing the Locator In Your Car

The location of your Car Locator device is critical to the successful operation of the locator service. To ensure proper operation, Zoombak recommends the device to be placed in one of the following locations for best performance:

- In glove box
- In center console

If you choose to install your Zoombak Car Locator using the included 12 Volt DC Car Charger and Zoombak Car Locator Installation Kit, please review carefully the Zoombak Car Locator Installation Guide before installing and using your Zoombak Car Locator.

The Zoombak Car Locator is also perfect for use in motorcycles, ATVs, boats and bicycles.

The Zoombak Car Locator Installation Guide can be found at www.zoombak.com/install

Safety and Warranty Information

This section addresses six primary areas:

- Safety information
- FCC Regulations
- Reduction of Hazardous Materials (RoHS)
- Specific Absorption Rate (SAR)
- Warranty Information
- Water Resistance

Safety Information

Your Zoombak Car Locator contains a Lithium Ion (LI) battery pack. Leakage of ingredients contained within the battery pack or the combustion of ingredients can cause personal injury to you or your car, as well as damage to your Zoombak Car Locator. If battery leakage occurs, avoid contact with skin. If contact occurs, immediately wash thoroughly with soap and water. If liquid leaking from battery pack comes in contact with your eyes, immediately flush your eyes thoroughly with water and contact your doctor. In case of ingestion, immediately contact your doctor and/or go to the emergency room.

To avoid battery leakage:

- Do not expose battery to excessive vibration, physical shock or liquids.
- Do not disassemble, attempt to repair or deform the battery.
- Do not dispose of battery pack in fire.
- Do not peel or damage the battery label.

FCC Regulations

This Locator complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This Locator may not cause harmful interference and (2) this Locator must accept any interference received, including interference that may cause undesired operation.

This Locator has been tested and found to comply with the limits for a Class B digital Locator, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Zoombak Locator Disposal and Recycling

CAUTION:

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

You must dispose of the Zoombak Locator properly according to local laws and regulations. Because the Zoombak Locator contains electronic components and a battery, the Zoombak Locator must be disposed of separately from household waste. When the Zoombak Locator reaches its end of life, contact local authorities to learn about disposal and recycling options. See www.zoombak.com for more information.

Reduction of Hazardous Materials (PoHS)

This Locator does not contain lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) or polybrominated diphenyl ether (PBDE).

Specific Absorption Rate (SAR)

Your Zoombak Car Locator is a radio transmitter and receiver. It does not exceed exposure limits set by the Federal Communications Commission (FCC) and international guidelines established by the independent scientific organization ICNIRP.

The exposure standard for wireless devices uses a unit of measure called Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6 W/kg. The SAR limit set by ICNIRP is 2.0 W/kg averaged over 10 grams of tissue. Tests for SAR are conducted at standard operating positions with the Locator transmitting at its highest power level over all frequency bands. The actual SAR level of an operating Locator can be below the maximum value because the Locator is designed to only use the power level required to reach the network.

Warranty Information

Zoombak, LLC warrants to the original purchaser that the Locator shall be free from defects in material and workmanship for a period of 12 months from date of activation. If a defect covered by this warranty occurs during the warranty period, Zoombak will repair or replace your Locator product or component free of charge. If your Locator is replaced for a defect covered under warranty, you may receive a refurbished Locator in exchange for your original Locator. The replaced unit will carry the remaining warranty period from the original Locator.

Service After Expiration of Warranty

Please visit our website at www.zoombak.com or call our Customer Care Center at 1-866-951-0101, 9:00am to 6:00pm ET Monday - Saturday for troubleshooting information and repair or replacement options. In most cases, it will be necessary to ship the product to Zoombak. Please do not send any products to Zoombak without first contacting our Customer Care Center.

Warranty Limitations

THIS WARRANTY SHALL BE NULL AND VOID IF THIS PRODUCT: (a) IS USED FOR COMMERCIAL PURPOSES; (b) IS MODIFIED, OPENED OR TAMPERED WITH; (c) IS DAMAGED BY NEGLIGENCE, ACCIDENT, UNREASONABLE USE OR OTHER CAUSES UNRELATED TO DEFECT IN MATERIAL OR WORKMANSHIP.

Water Resistance

The Zoombak Car Locator has a water resistance rating of IPX6. The Locator will continue to function when subjected to splashes of water. This locator is not waterproof and will not function when submerged in water.

Contacting Customer Care

Need help with operating your Zoombak Dog Locator? Contact Zoombak Customer Care via the internet at www.zoombak.com, or call toll free 1-866-951-0101, 9:00am to 6:00pm ET Monday - Saturday (times subject to change) to speak to a Customer Care representative.

Specifications and Certifications

The section provides the following detailed Specifications and Certifications:

- Car Locator Specifications
- Certifications
- AC Wall Charger Specifications
- 12 Volt DC Car Charger Specifications

Car Locator Specifications

Feature	Specification										
Size	72.9 x 43.1 (19.07 - 20.07) mm										
Weight	72.5 ounces										
Frequency	<table border="1"><thead><tr><th>Model Number ZB100</th><th>Model Number ZB101</th></tr></thead><tbody><tr><td>GSM 850 = ZB-100 824 - 849 MHz (Tx) 925 - 960 MHz (Rx)</td><td>GSM 900 = ZB-101 880 - 915 MHz (Tx) 869 - 894 MHz (Rx)</td></tr><tr><td>GSM 1800 1710 - 1785 MHz (Tx) 1805 - 1865 MHz (Rx)</td><td>GSM 1800 1710 - 1785 MHz (Tx) 1805 - 1865 MHz (Rx)</td></tr><tr><td>GSM 1900 1850-1910 MHz (Tx) 1930 - 1990 MHz (Rx)</td><td>GSM 1800 1710 - 1785 MHz (Tx) 1805 - 1865 MHz (Rx)</td></tr><tr><td></td><td>GSM 1900 1850-1910 MHz (Tx) 1930-1990 MHz (Rx)</td></tr></tbody></table>	Model Number ZB100	Model Number ZB101	GSM 850 = ZB-100 824 - 849 MHz (Tx) 925 - 960 MHz (Rx)	GSM 900 = ZB-101 880 - 915 MHz (Tx) 869 - 894 MHz (Rx)	GSM 1800 1710 - 1785 MHz (Tx) 1805 - 1865 MHz (Rx)	GSM 1800 1710 - 1785 MHz (Tx) 1805 - 1865 MHz (Rx)	GSM 1900 1850-1910 MHz (Tx) 1930 - 1990 MHz (Rx)	GSM 1800 1710 - 1785 MHz (Tx) 1805 - 1865 MHz (Rx)		GSM 1900 1850-1910 MHz (Tx) 1930-1990 MHz (Rx)
Model Number ZB100	Model Number ZB101										
GSM 850 = ZB-100 824 - 849 MHz (Tx) 925 - 960 MHz (Rx)	GSM 900 = ZB-101 880 - 915 MHz (Tx) 869 - 894 MHz (Rx)										
GSM 1800 1710 - 1785 MHz (Tx) 1805 - 1865 MHz (Rx)	GSM 1800 1710 - 1785 MHz (Tx) 1805 - 1865 MHz (Rx)										
GSM 1900 1850-1910 MHz (Tx) 1930 - 1990 MHz (Rx)	GSM 1800 1710 - 1785 MHz (Tx) 1805 - 1865 MHz (Rx)										
	GSM 1900 1850-1910 MHz (Tx) 1930-1990 MHz (Rx)										
Transmit Power	Up to 2W										
Battery Voltage	3.7 v										
Operating Temp.	-20° C to +60 ° C										
Water Resistance	IPX6										

Certifications

CE	FCC: U21-ZB100
IC: 6950A-ZB100	PTCRB
CTIA	ETSI
GCF	UL, UK (battery and charger)

AC Wall Charger Specifications

Input: 90 - 264 VAC, 47 - 63 Hz
Output: 5.4 VDC @ 1.2A, short-circuit protected
Operation Temperature: -5 ° C to +45 ° C

12 Volt DC Charger Specifications

Input: 8-16 VDC
Output: 5.4 VDC @ 1.2A, short-circuit protected
Operation Temperature: -20 ° C to +85 ° C

Important Coverage Information

Our coverage maps provide high-level estimates of our coverage area when using your device outdoors under optimal conditions. Coverage isn't available everywhere. Estimating wireless coverage and signal strength is not an exact science.

These are gaps in coverage within our estimated coverage areas that along with other factors (network problems, software, signal strength, your wireless device structures, buildings, weather, geography topography, etc.), will result in dropped and blocked connections, slower data speeds, or otherwise impact the quality of services.

Services that rely on location information depend on your device's ability to acquire satellite signals (often not available indoors) and network coverage. Estimated future coverage subject to change. See www.zoombak.com for coverage map and details.