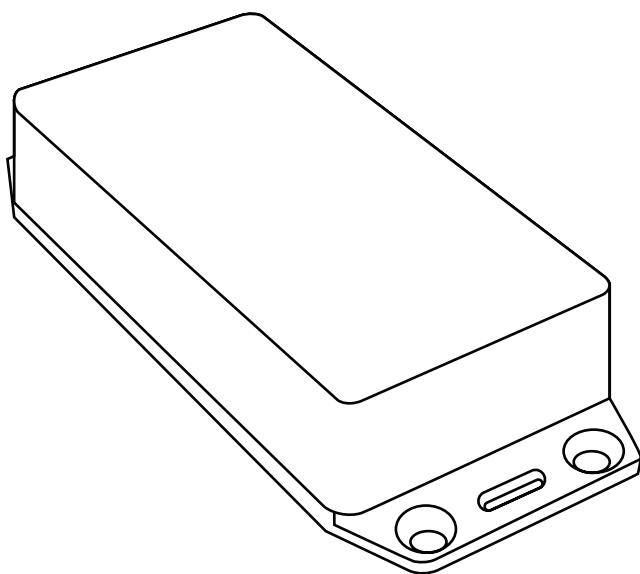




# LRS Beacon

MODELS: ZB-Beacon



**Long Range Systems, LLC.**

LRSUS.COM | 800.437.4996 | 214.553.5308

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## GENERAL INFORMATION

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The LRS ZB-Beacons are used in conjunction with the LRS Table Tracker systems. They are used as an on-premise locating system to increase efficiency by identifying customer's location, typically to deliver services or goods. Beacons are powered by AAA batteries, water resistant, and can flash when the user presses the button during configuration.

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## SETUP AND USE

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To begin using your beacons, power them up by adding batteries.

### ***Batteries Installation***

1. Remove the four screws to open up the case and access the board.
2. Locate the battery holder and place one AAA battery on each battery compartment. (Do not place the lid back on as you need access to the board to complete the configuration.)

### **WARNING:**

Do not use rechargeable batteries. Damage caused from improper power sources including but not limited to the incorrect batteries is not covered under the standard warranty. If you're uncertain about which battery to use, contact our customer support department at 800.437.4996

### ***Configuration***

Configure the location that each beacon will broadcast.

1. Launch the beacon configurator application to associate each beacon to an area in your location. Access the beacon configurator by typing [gateway IP]:8080/# into a browser on the same network.
2. When prompted, press the button on beacon. This will initiate the configuration mode of the beacon to set corresponding ZB preset of your system into the beacon. Also, the MAC address of the beacon will be stored on the LRS Gateway to save the association to the assigned area.
3. The light on the beacon will flash slowly when the button is initially pressed and then rapidly for approximately 5 seconds once successfully configured. Afterwards, the light will turn off to preserve energy.

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## PRODUCT SPECIFICATIONS

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**Required Voltage:** 2 x 1.5V

**Battery Type:** Alkaline, 2 x AAA

**Battery Charge Life:** Approximately 18 months (depends on environment).

**Operating Range:** Up to 100 meters

**Dimensions:** 4.92" x 2.03" x 1.00"

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## CLEANING

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LRS ZB-Beacons are made from industrial-strength, polycarbonate material. However, this material is susceptible to hairline cracking if non-approved cleaners are used. When cleaning LRS ZB-Beacons, you should only use ETHYL ALCOHOL (ethanol) or ISOPROPYL ALCOHOL-BASED CLEANERS. We have done extensive testing with available cleaning materials and have not found any issues with either ethyl alcohol (ethanol) or isopropyl alcohol (IPA). ALL other cleaners are not recommended for use on any of our pagers.

To clean the equipment:

1. Take a clean cloth and an isopropyl-alcohol based cleaner
2. Wet the clean cloth with the isopropyl alcohol cleaner
3. Wipe down the pagers or equipment
4. When dry, place rechargeable pagers back on charge

### WARNING:

Cleaning your equipment with any other non-approved cleaners can weaken plastic and cause hairline cracks. Pagers and equipment that are cleaned with unapproved cleaners and suffer cracking will not be covered under warranty. Do not submerge any LRS ZB-Beacons equipment in any type of liquid as this will also damage the equipment and is not covered under the standard warranty.

Many alcohol-based sanitizers add quaternary ammonium (aka "quat") to the mix. Long-term exposure to quats will damage polycarbonate. A commonly used quat is benzalkonium chloride.

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## SERVICE QUESTIONS AND ANSWERS

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### ***What to do if the system malfunctions***

Should your locating system ever fail to function properly, refer to the previous troubleshooting section. If you've followed all the steps and requirements and your system is still inoperable, you may submit a support request at [support.LRSUS.com](http://support.LRSUS.com) or call Long Range Systems at (800) 437-4996 Monday through Friday 8:30 am to 5:00 pm Central Time.

For after hours inquiries, please follow the instructions on the support line. LRS

Customer Support will return the call as soon as possible. Please keep in mind that options are limited over the weekend.

### ***System Repair After Warranty Expiration***

Call Long Range Systems before sending a non-warranty item in for repair.

### ***Ordering Additional Pagers***

Call Long Range Systems at 800.437.4996 or 214.553.5308 to place your order.

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## WARRANTY

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Long Range Systems, LLC. warrants this product against any defects that are due to faulty material or workmanship for a one-year period after the original date of consumer purchase of the complete paging system (transmitter, pagers, and charger). This warranty does not include damage to the product resulting from accident, misuse or improper electrical connection. If this product should become defective within the warranty period, we will repair or replace with equivalent product, free of charge. We will return your product, transportation charges prepaid standard FedEx Ground shipping, provided the product is shipped prepaid to:

Long Range Systems, LLC. 4550 Excel Pkwy., Suite 200

Addison, TX 75001

No return or replacement can be received without prior authorization and the proper RMA# posted to the outside of the shipping container.

This warranty gives you specific legal rights and you may also have rights that vary from state to state.

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## **FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT**

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This equipment has been tested and found to comply with the limits for a Class B digital device, 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 to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and 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.

### **CAUTION:**

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.