



# LX Lyra Bluetooth Low Energy Beacons User Guide

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## Lyra Bluetooth Low Energy Beacons



## Product Information

### Lyra Sense

Lyra Sense is a smart environmental sensor that monitors and collects data on air quality, temperature, humidity, light, and sound. It uses Bluetooth technology for geo-location and communication with the Incyt platform for data analysis and insights. The device can be easily mounted on any surface using the provided VHB adhesive tape or cable tie.

### Product Specifications

- **Environmental sensors:** air quality, temperature, humidity, light, sound
- **Connectivity:** Bluetooth
- **Mounting method:** VHB adhesive tape or cable tie
- **Power source:** CR2450 coin cell battery
- **Dimensions:** 51mm x 51mm x 16mm

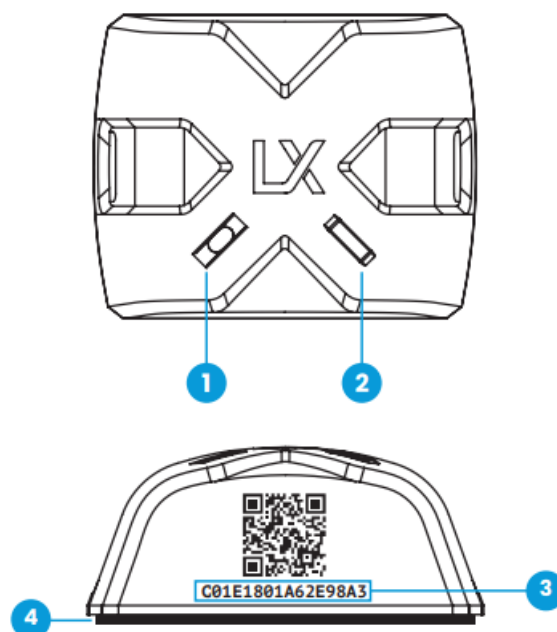
### Safety and Compliance

Please ensure that installation complies with all relevant local regulations and requirements.

### Product Usage Instructions

1. Download the Incyt by LX app from the iOS App Store or Google Play store on your mobile device.
2. Create a new account or login with your existing account.
3. Follow the instructions in the app to pair your device.
4. Activate your device by following these steps:
  1. Place the device in range of the Bluetooth-equipped smartphone to be connected to. Ensure the Incyt app is installed, and Bluetooth is turned on.
  2. Use the magnet included in the box to swipe over the LED on the device. The LED will start pulsing yellow.
  3. Swipe a second time within 5 seconds. The LED will remain on for 3 seconds, indicating successful activation.
5. Select an appropriate location to mount your device. Consider factors such as visibility to the Bluetooth receiver and proximity to the source of data being monitored.
6. Roughen smooth surfaces using a scouring pad or steel wool before application. Clean the mounting surface prior to installation by removing debris and wiping using the alcohol wipe included.
7. Remove the VHB protective film on the underside of the device and press firmly against the mounting surface for 30 seconds to maximize adhesion. Alternatively, use a cable tie to mount the device to a desired fixture or connect it to a keyring.
8. Allow the VHB adhesive to reach maximum bonding strength after 24 hours.
9. Visit [incyt.io/support](https://incyt.io/support) for further installation, activation, and troubleshooting information.

## Product Overview



1. Environmental Sensing Port (Lyra Sense model only)
2. LED
3. Device ID
4. VHB Tape

## Getting Started

1. Download the Incyt by LX app on the iOS AppStore, or Google Play store on your mobile device



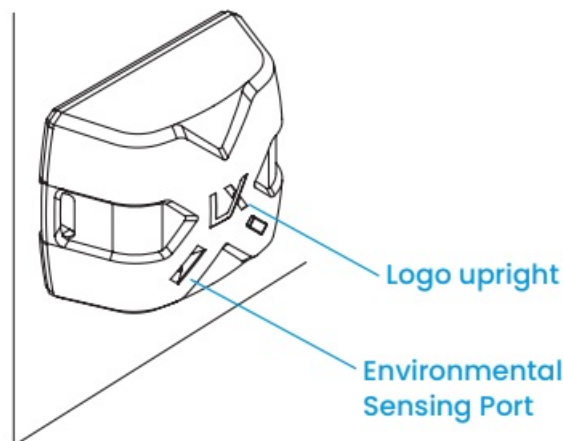
2. Create a new account or login with your existing account.
3. Follow instructions in the app to pair your device.
4. Follow the instructions on the next page to activate and mount your device.

- **Device Activation**

5. The device is delivered in a dormant state. Activate before use by completing the following steps:  
Place the device in range of the Bluetooth equipped smartphone to be connected to. Ensure the Incyt app is installed, and Bluetooth is turned on.
6. Use the magnet included in the box to swipe over the LED on the device. The LED will start pulsing yellow.
  - Swipe a second time within 5 seconds. The LED will remain on for 3 second, indicating successful activation.
  - **Note:** If the LED turns ON for 1 second after the first magnet swipe, the device has already been activated.

- **Device Installation and Mounting**

7. Select an appropriate location to mount your device.
  - **Orientation**
  - Lyra may be mounted in any orientation, however Lyra Sense must be mounted on a vertical surface to avoid sensor port blockage as below:



- **Temperature**

- The recommended temperature range of this device is 5°C to 50°C. Use outside of this range may limit the device performance and functionality, and may reduce the battery and operational life of the device. We recommend you carefully consider these factors when installing.

- **Wireless network**

- This device uses Bluetooth technology for geo-location and communication with the Incyt platform. Installing the device in a location with unobstructed visibility to the Bluetooth receiver, such as a smartphone or the LX Antares gateway, will ensure maximum performance and accuracy of the device.

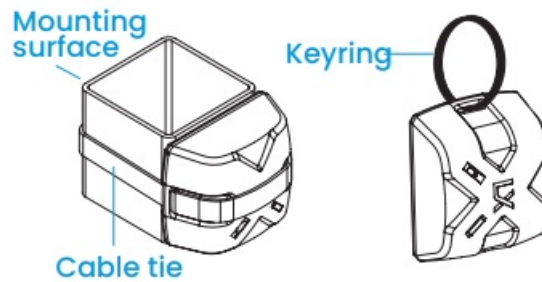
- **Exposure to Environment**

- Although this device is rugged, protecting it from direct sunlight, rain, chemicals, and dirt will extend its operational life.
  - The environmental sensing port needs to be kept clean, dry and unobstructed to provide accurate sensor readings.
8. Roughen smooth surfaces using a scouring pad or steel wool before application. Clean the mounting surface prior to installation by removing debris, and wiping using the alcohol wipe included.

9. Remove the VHB protective film on the underside of the device, and press firmly against the mounting surface for 30 seconds to maximize adhesion.

**Note:** VHB adhesive will reach maximum bonding strength after 24 hours.

10. For an alternate secure mounting method, mount the device using a cable tie to the desired fixture, or connect to the keyring as pictured below:



## Safety and Compliance

Ensure installation complies with all relevant local regulations and requirements.

## Troubleshooting

Visit [incyt.io/support](https://incyt.io/support) for further installation, activation, and troubleshooting information.

LYRA QSG	
Finished Size	75mm W x 115mm H
Stock	120gsm satin paper, print 2 sides
Color	Full color CMYK
Finish	Double-sided, single-fold, folded to size
Embellishments	None

## FCC Statement


- 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 to this device not explicitly approved by manufacturer could void your authority to operate this equipment.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## RF Exposure Information

- The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition, compliance with exposure requirements.
- For help visit incyt by LX [incyt.io/support](https://incyt.io/support)
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## Documents / Resources

	<p><a href="#">LX Lyra Bluetooth Low Energy Beacons</a> [pdf] User Guide ETBL 2ALVGETBL, C01E1801A62E98A3, Lyra Bluetooth Low Energy Beacons, Lyra, Bluetooth Low Energy Beacons, Low Energy Beacons, Beacons</p>
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