

Relay Beacon XL2 Description

Relay Beacon XL2 is a companion device to the line of *Relay* products by Relay, Inc. *Relay* is a nationwide smart cellular voice terminal alternative to the enterprise walkie-talkie.

Beacon XL2 is a stationary wall or ceiling mounted Bluetooth beacon used to broadcast indoor location information to nearby *Relay* devices. This indoor location information can be used for indoor tracking of *Relay* devices and for emergency location/panic alerts. Beacon XL2 is designed to operate in a low power state allowing for up to 10 years of battery life.

Relay Beacon XL2 architecture consists of a Bluetooth module with a barometer and temperature sensor and an efficient DC/DC converter enclosed in a durable water and dust resistant housing.

Relay Beacon XL2 will extend location services indoors and make the *Relay* communications platform more powerful & flexible.

Relay Beacon XL2 will provide these capabilities to enhance the *Relay* communications platform:

- Powerful and efficient Bluetooth module.
- Separate barometer & temperature sensor for accurate floor-level location in multi-story buildings.
- Efficient DC/DC converter with up to four (4) 2600 mAh 3.6V Lithium Thionyl Chloride (LiSOCl₂) cells for up to 10 years of battery life.
- LED indicator.
- IP-67 dust and water resistance to deploy BT Beacon XL2 in high moisture locations.
- Mounting via screws or 3M tape (both included).

Relay Beacon XL2 mounting

Primary methods of mounting include two pan head wood screws with optional plastic drywall anchors (included) and 3M double-sided tape (included).



1. Each product match 2pcs screw.
2. Screw spec: self-taping, diameter 3.5mm, length 20mm.
3. Use a Phillips screwdriver to lock the screw, with torque not exceeding 18.0Kgf.cm

Relay Beacon XL2 Operation

Relay Beacon XL2 ships to customers in stand-by mode. Simply press and hold the top centered gray button for 3-5 seconds to activate. The LED will flash blue for several seconds to show it is activated. The Relay Beacon XL2 can then be set-up and monitored on your Relay Dashboard desktop application.

A quick double-press of the gray button will flash the LED in green to show it is active.

Battery life status can be monitored for each Relay Beacon XL2 on your Relay Dashboard desktop application.

Hereby, Relay, Inc. declares that the radio equipment type Relay Beacon XL2 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: <https://relaygo.com/>

This radio equipment operates with the following frequency bands and maximum radio-frequency power:

Operating Mode	Operating Frequency Range		Maximum Transmit Power (EIRP) dBm
	TX (MHz)	RX (MHz)	
BLE	2400-2483.5		3.56

FCC Regulations:

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.

This device 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 radiated

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: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Information

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment.

ISED Notice

This device complies with Innovation, Science and Economic Development Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en

IC Radiation Exposure Statement

This EUT is very low power and compliance with IC CNR-102 exemption requirements.

Ce MAE est très faible puissance et de la conformité aux exigences d'exemption IC CNR-102.

Support

You can reach out to our support team through the Relay App or Dashboard or by emailing us at support@relaypro.com. Stay informed on new updates and enhancements by checking our blog!

Email:

support@relaypro.com

Web:

account.relaypro.com

relaypro.com/blog

- replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types);
- disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
- leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and
- a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.