Triva Beacon User Manual

General Description:

The Triva Beacon is to be used with mobile applications associated with Triva, Inc. The Triva Beacon, when used with the any mobile applications associated with Triva, Inc., will provide unique identifying information of the object or person the Triva Beacon is adhered to. The beacon is to be mounted on any object via double sided very high bonding adhesive tape that is attached to the back of the Triva Beacon. The beacon device transmits a periodic low level wireless signal that can be detected by mobile applications associated with Triva, Inc. When mobile applications associated with Triva, Inc. are unable to detect a Triva Beacon signal, it is understood that there are no Triva Beacons in the vicinity of the mobile application.

Note: 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 when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Installation Materials Needed:

The Triva Beacon comes equipped with a preinstalled battery that is expected to have a battery life of 3 years and 6 months to 4 years. The Triva Beacon batteries are not replaceable. Mobile applications associated with Triva, Inc. will notify the user of the Triva Beacons battery level whenever detected and will recommend when the user should replace the Triva Beacon. The Triva Beacons will be shipped with custom die-cut 3M VHB tape that fits precisely in an indent on the back of the Triva Beacon. The user will apply this tape to the back of the Triva Beacon.

No other materials are need for installation.

Installation Instructions

1. The first step is to assign the Triva Beacon's unique identifier to a specific object or person by using a mobile application associated with Triva, Inc. The Triva Beacon will have a QR code that equates to the Triva Beacons unique identifier that can be scanned by the mobile application in which it will prompt you to associated the unique identifier with a person or object. If the users phone does not have QR code scanning capabilities, the Triva Beacon device's unique identifier is also displayed on the label of the Triva Beacon underneath the QR code. This can be manually entered in the mobile application to associate the unique identifier with an object or person.

2. When installing on an object, the user should try to find a smooth, flat, and clean surface to mount the beacon. Avoid mounting the beacon near any large metal objects.

3. When installing on a person, the user should never mount the Triva Beacon device to a user's skin. The user should mount the device on a wearable object of that person such as a hardhat, belt, shoe, watch, etc. Again, avoid mounting the beacon near any large metal objects.

4. When the location has been determined, peel the back film off of the 3M VHB tape and press firmly and press the Triva Beacon firmly against the determined location for 5 seconds.

5. The Triva Beacon is shipped to the user already transmitting so no action on the user side is needed to turn the beacon on.

6. To ensure that the Triva Beacon is working, the user can use the mobile application to scan for nearby devices. The mobile application will then scan and list all devices unique information.

7. The Triva Beacons are meant to be disposable. When the mobile application senses the Triva Beacon is low on battery life, it will recommend to the user that the device is replaced. In this case, the user will have to replace with a new Triva Beacon.

Removing an Armed Beacon to Replace or Decommission it

1. You can decommission a beacon by using a mobile application associated with Triva, Inc. Simply scan the QR code of the Triva Beacon you wish to decommission, or enter the unique identifier displayed on the Triva Beacon, and the mobile application will give you an option to decommission beacon.

2. After the beacon has been decommissioned, the user can remove the beacon from the surface by simply prying the adhesive off with a flathead screwdriver.

3. If replacing the beacon, the user can again scan the QR code of the Triva Beacon or enter the unique identifier displayed on the Triva Beacon. The user will then have an option to replace the Triva Beacon. The user will then scan the new Triva Beacon or enter the unique identifier of the new Triva Beacon that will be replacing the existing Triva Beacon.

4. The user can remove the existing Triva Beacon as described in step 2, and mount the new beacon in its place. Ensure that the surface is still flat and clean where there new Triva beacon will be mounted.

Field Testing a Triva Beacon

The Triva Beacons can be field tested utilizing a mobile application associated with Triva, Inc. To test that a beacon is on and transmitting:

1. The user will open the scan function of the mobile application

2. The user will ensure they are in close proximity to the Triva Beacon being field tested.

3. The user will press the scan button, and the mobile application will list all Triva Beacons discovered.

4. If the Triva Beacon is not discovered during the scan, try to move closer to the Triva Beacon and try again.

5. If the device is not detected again, the device is most likely not transmitting due to a dead battery or other defect. The user can scan the devices QR code to pull up the last time the battery was monitored for debugging purposes.

6. In the case that the scan does not detect the beacon being field tested, a replacement Triva Beacon is most likely needed.

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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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 warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.