

TRIVA Smart Safety Tag User Manual

General Description:

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

Installation Materials Needed:

The TRIVA Smart Safety Tag comes equipped with a preinstalled battery that is expected to have a battery life of 3 years to 4 years. The TRIVA Smart Safety Tag battery is not replaceable. Mobile/Web applications associated with Triva, Inc. will notify the user of the TRIVA Smart Safety Tag's estimated battery level and will recommend when the user should replace the TRIVA Smart Safety Tag. The TRIVA Smart Safety Tag will be shipped with custom die-cut 3M VHB tape that fits precisely to the back of TRIVA Smart Safety Tag and can be attached by the end user.

No other materials are need for installation.

Installation Instructions

1. The first step is to assign the TRIVA Smart Safety Tag's unique identifier to a specific object or person by using a mobile/web application associated with TRIVA, Inc. The TRIVA Smart Safety Tag will have a QR code that equates to the TRIVA Smart Safety Tag unique identifier that can be scanned by the mobile application or entered into a web application in which it will prompt you to associate the unique identifier with a person

or object. If the user's phone does not have QR code scanning capabilities, the TRIVA Smart Safety Tag's unique identifier is also displayed on the label of the TRIVA Smart Safety Tag to the right of the QR code. This can be manually entered in the mobile/web 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 device. Avoid mounting the device near any large metal objects.
3. When installing on a person, the user should never mount the TRIVA Smart Safety Tag 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 device near any large metal objects.
4. When the location has been determined, peel the back film of the 3M VHB tape off and press firmly and press the TRIVA Smart Safety Tag firmly against the determined location for 5 seconds.
5. The TRIVA Smart Safety Tag is shipped to the user already transmitting so no action on the user side is needed to turn the TRIVA Smart Safety Tag on.
6. To ensure that the TRIVA Smart Safety Tag is working, the user can use the mobile application and/or TRIVA hardware to scan for nearby devices. The mobile application and/or will then scan and list all devices unique information via the mobile application or web interface.
7. The TRIVA Smart Safety Tag are meant to be disposable. When the mobile/web application estimates the TRIVA Smart Safety Tag 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 Smart Safety Tag.

Removing an Armed TRIVA Smart Safety Tag to Replace or Decommission it

1. You can decommission a TRIVA Smart Safety Tag by using a mobile/web application associated with TRIVA, Inc. Simply scan the QR code of the TRIVA Smart Safety Tag you wish to decommission, or enter the unique identifier displayed on the TRIVA Smart Safety Tag, and the mobile/web application will give you an option to decommission the device.

2. After the TRIVA Smart Safety Tag has been decommissioned, the user can remove the device from the surface by simply prying the adhesive off with a flathead screwdriver.
3. If replacing the TRIVA Smart Safety Tag, the user can again scan the QR code of the TRIVA Smart Safety Tag or enter the unique identifier displayed on the TRIVA Smart Safety Tag. The user will then have an option to replace the TRIVA Smart Safety Tag. The user will then scan the new TRIVA Smart Safety Tag QR code or enter the unique identifier of the new TRIVA Smart Safety Tag that will be replacing the existing TRIVA Smart Safety Tag.
4. The user can remove the existing TRIVA Smart Safety Tag as described in step 2 and mount the new TRIVA Smart Safety Tag in its place. Ensure that the surface is still flat and clean where the new TRIVA Smart Safety Tag will be mounted.

Field Testing a TRIVA Smart Safety Tag

The TRIVA Smart Safety Tag can be field tested utilizing a mobile/web application associated with TRIVA, Inc. To test that a TRIVA Smart Safety Tag is powered 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 Smart Safety Tag being field tested.
3. The user will press the scan button, and the mobile application will list all TRIVA Smart Safety Tags discovered.
4. If the TRIVA Smart Safety Tag is not discovered during the scan, try to move closer to the TRIVA Smart Safety Tag 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 device's QR code to pull up the last time the TRIVA Smart Safety Tag was discovered.
6. In the case that the scan does not detect the device being field tested, a replacement TRIVA Smart Safety Tag 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.

IC Warning

- English: "

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

- French:"

Le présent appareil est conforme aux CNR d'Industrie 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 compromettre le fonctionnement."

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.