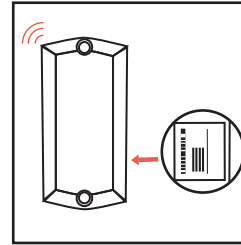
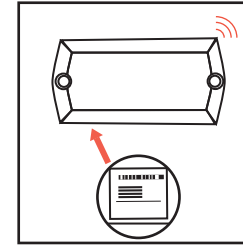


## Orientation suggestions

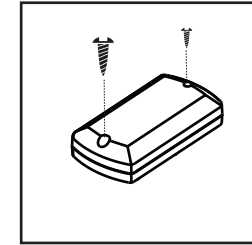


**Vertical installation**  
For better antenna performance place the device facing up. Use sticker on the backside as indicator of the bottom side.

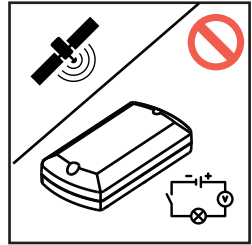


**Horizontal installation**  
Antenna is placed on the top right corner. Use sticker on the backside as indicator of the left side.

## Installation instructions

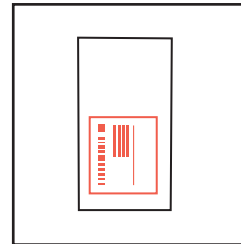


Mount Trackunit Spot using M4 or 5/32 inch screws that can be found inside the box. Use TX20 tool ( 0,6 Nm).

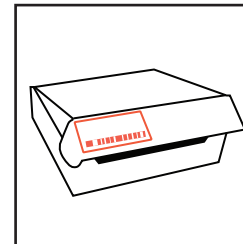


Do NOT install the device unit directly under a layer of metal or next to wires.

## Practical advice



Serial number is located on the back of the device.



Phone number and unit serial number is also located on the lid of the box.

## Technical assistance

Find your local support at [www.trackunit.com/support/](http://www.trackunit.com/support/)  
Please have unit serial number ready when contacting support

## Handling recommendations

### Use location

This equipment design applies to commercial or industrial equipment expected to be installed in locations where only adults are normally present

### Life time

The expected product operational lifetime is between 6 months to 5 years dependent on the actual tracking profile applied.

### Battery pack

The battery pack can be exchanged when the unit runs out of power. Contact the Trackunit support for acquiring a new battery pack and instruction on how to change it.

### Operating temperature

The TU501-X SPOT operating temperature range is -40°C to +70°C (Non-rechargeable primary cell Lithium metal (Li-MnO<sub>2</sub>/Li-SOCl<sub>2</sub>) batteries in the battery pack). The battery pack is safety compliant to IEC 60086-4.

## Approvals

### Environmental

The TU50X-1 SPOT product complies with the environmental conditions for heavy trucks SAE J1455 with the IP66K and IP69K classification as shown in the list below.

### FCC/IC

The TU50X-1 SPOT product contains radio transmitters that comply with CFR 47 Part 15, Part 22 and Part 24 of the FCC rules and with RSS-GEN, RSS-132, RSS-133 and ICES-003 of Industry Canada requirements

### CE mark

The TU50X-1 SPOT product complies with the essential requirements of the RED Directive 2014/53/EU directive with respect to the EMC requirements, safety and radio spectrum matters.

## Statements

### FCC/IC part 15.19 Notice:

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). 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.

### FCC part 15.21 Notice:

Changes or modifications made to this equipment not expressly approved by Trackunit may void the FCC authorization to operate this equipment.

### IC RSS-GEN Notice:

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.

### FCC/IC Radiofrequency radiation exposure Information:

This equipment complies with FCC /IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### Environmental compliance:

SAE J1455, EN/IEC 60068-2-1:2007

Cold

SAE J1455, EN/IEC 60068-2-2:2007

Dry Heat

SAE J1455, EN/IEC 60068-2-27:2008

Shock

SAE J1455, EN/IEC 60068-2-31:2008

Drop

SAE J1455, IEC 61701:2011, EN/IEC 60068-2-52

Salt spray/mist

SAE J1455, EN/IEC 60068-2-64:2008

Random vibration

SAE J1455, EN/IEC 60068-2-78:2001

Damp heat steady state

SAE J1455, (IEC 60529+A1+A2):2013

Degrees of protection (IP code): IP66K,

IP69K

SAEJ1455 (Motor oil, Gasoline,

Diesel fuel, Hydraulic fluid, Brake fluid,

Transmission fluid, Glycol and water mixture)

Chemicals/oils wipe protection

## Approvals

### Pacemakers, defibrillators etc.:

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches (15 cm) be maintained between a handheld wireless phone and an ISO 14117:2012 compliant pacemaker/heart defibrillator to avoid potential interference with the pacemaker/heart defibrillator.

### The following precautions apply:

- The TU50X-1 SPOT unit is not intended for handheld use or to be worn on the body.
- It is recommended that a minimum separation of (8") inches (20 cm) is to be maintained between the TU50X-1 SPOT unit and any persons' body at all times.