

Trackunit Kin Regulations and Safety

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Regulations and Safety



Regulatory Information and Precautions

Use Location

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

CE and UKCA mark

This equipment complies with the essential requirements of the RED 2014/53/EU directive as stated by the EU Declaration of Conformity and the Radio Equipment Regulations 2017 – UK SI 2017 No. 1206. EU Certificate and Declaration of conformity (DOC) statements can be downloaded from the Trackunit website: <https://www.trackunit.com/support/download/>

FCC/ISED mark

This equipment contains radio transmitters that comply with CFR 47 Part 2.1091, Part 15.247 of the FCC rules and with RSS-102 and RSS-247 of Industry Canada requirements.

Safety Statements

FCC/IC part 15.19 Notice

This equipment 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.

Environmental

This equipment is designed for outdoor usage and complies with the rough environmental conditions according to SAE J1455 and related EN/IEC 60068 series.

Battery Lifetime

Battery lifetime is up to five years under normal operating conditions.

Operating Conditions

The internal battery will operate in temperature ranges from -40°C to +85°C. Battery lifetime not guaranteed for temperatures above +70°C

New Battery

The battery in this equipment is neither replaceable nor rechargeable. In case of battery malfunction, expiration or any other situation where a new battery might be needed, please contact your local Trackunit distributor or Trackunit support for ordering a replacement device.

FCC/IC Radiofrequency Radiation Exposure Information

This equipment complies with FCC / ISED radiation exposure limits set forth for an uncontrolled environment. This equipment may be installed and operated with a minimum distance of 20 cm between the radiator and the user. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Japan

This device is granted pursuant to the Japanese Radio Law (電波法) =当該機器には電波法に基づく、技術基準適合証明等を受けた特定無線設備を装着している
This device should not be modified (otherwise the granted designation number will become invalid)
本製品の改造は禁止されています。(適合証明番号などが無効となります。)

Taiwan

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Safety Statements

Brazil

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados

Environmental Compliance

SAE J1455 , EN/IEC 60068-2-1:2007
SAE J1455, EN/IEC 60068-2-2:2007
SAE J 1455, DIN EN 60068-2-11:2002
SAE J1455, EN/IEC 60068-2-27:2008
SAE J1455, EN/IEC 60068-2-31:2008
SAE J1455, EN/IEC 60068-2-64:2008
SAE J1455, EN/IEC 60068-2-78:2001
SAE J1455, EN/IEC 60068-2-74:1999
SAE J1455, EN/IEC 60068-2-5, ASTM D4329
SAE J1455, (IEC 60529+A1+A2)CSV:2013
IEC 60721-2-3:2013

Cold
Dry heat
Salt mist
Shock
Drop, free fall
Random vibration, acceleration
Damp heat steady state
Fluid contamination
UV protection
Degrees of protection (IP code) : IP66, IP66K, IP67, IP69K
Attitude.

NOTE: This equipment is not to be mounted in areas with presence of motor oil, gasoline, diesel fuel, hydraulic fluid, brake fluid, transmission fluid, glycol and water mixture, etc.

Regulatory Labeling

This equipment regulatory compliant to the following regulations:



Bluetooth LE

The Trackunit Kin supports Bluetooth 5.2 BLE.
Operating frequency: 2402 MHz - 2480 MHz
Maximum output power: 10 mW (10 dBm) E.I.R.P



Mexico

La operación de este equipo está sujeta a las siguientes dos condiciones:

- (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y
- (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

