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LocoTag C2PL - User Manual

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Our C2PL LocoTags have been developed to work alongside the LocoTrack tracking and monitoring devices. They can report presence / absence as well as data for alert notifications (temperature & proximity). The logging function checks and stores temperatures every 60 seconds to local memory.

When in the range of a compatible device, the logged data is communicated to our server for storage, visualization and analysis.

Installation of the C2PL is via a 3M adhesive backing which provides a strong attachment to plastic and metal assets. Each C2PL has a unique identifier that is presented as a number and a barcode on its label.

Activation is achieved by pressing the on button.

Association is completed by scanning this barcode and entering details regarding the asset into LocoAware.

The C2PL can also be coupled with Type T Thermocouple to obtain additional temperature readings – ranging between -270c to 400c.

The C2PL communicates via a proprietary BLE discoverable protocol over 2.4GHz, with a Tx power of 0dBm. The range is approximately 20m indoors, and 80m outdoors (LOS). The C2PL reporting interval is every 5 seconds, and the logging frequency is 15 minutes, which provides a 30 day logging buffer. The temperature accuracy is sub 1 degree C (NIST traceable).

Batteries

Power is delivered by internal AAA alkaline batteries delivering up to 4.5V and a peak of 1A

- Do not expose to temperatures > 55°
- Do not incinerate or disassemble
- Recycle after use
- Do not attempt to replace the batteries

Regulatory Information

Human Exposure Compliance Statement Pursuant to 47 CFR § 15.247 (i) of the FCC Rules and Regulations, personal communications services (PCS) equipment is subject to the radio frequency radiation exposure requirements specified in § 1.1307(b), § 2.1091 and § 2.1093, as appropriate.

System Loco Ltd. certifies that it has determined that the C2PL complies with the RF hazard requirements applicable to broadband PCS equipment operating under the authority of 47 CFR Part 15, Subpart C of the FCC Rules and Regulations. This determination is dependent upon installation, operation and use of the equipment in accordance with all instructions provided.

FCC Rules and Industry Canada (IC) regulatory information Compliance Statement (Part 15.19)

The equipment 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. Warning (Part 15.21) Changes or modifications not expressly approved by System Loco Ltd could void the user's authority to operate the equipment. Manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

Compliance Statement (Part 15.105(b)) 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 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

This device complies with Industry 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 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé.



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