



Industrial Tools

Printed Matter No. 6159925550

Issue No. 03

Date 09/2021

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Tracking base

Safety Information

Valid from Serial No. 49001900000 to 49992299999

Model

Tracking base

Part number

6158133350



Download the latest version of this document at
www.desouttertools.com/info/6159925550



⚠ WARNING

To reduce risk of injury, everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool **MUST** read and understand these instructions before performing any such task.

DO NOT DISCARD - GIVE TO USER

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Technical Data

Technical data

Power supply

PoE: 48 V 

USB-C: 5 V 

Power consumption

PoE

20 mA

LPS (Limited Power Source) on PoE power supply

Maximum PoE power supplied: 15.4 W

USB-C

180 mA

Weight

0.280 kg

0.62 lb

Storage and use conditions

Storage temperature	0° to +40°C (32 to +104 F)
Operating temperature	+5 to 40 °C (41 to 104 F)
Storage humidity	0-80 % RH (non-condensing)
Operating humidity	0-80 % RH (non-condensing)
Altitude up to	2000 m (6562 feet)
Usable in Pollution degree 2 environment	
IP54	
Indoor use only	

Wireless Communication specifications

Frequency: 3.2 – 7.0 GHz power - 0.831 dBm

Declarations

EU DECLARATION OF CONFORMITY

We, **Ets Georges Renault**, 38 rue Bobby Sands, 44818 Saint Herblain, France, declare under our sole responsibility that the product (with name, type and serial number, see front page) is in conformity with the following Directive(s):

2011/65/EU, 2014/53/EU

Harmonized standards applied:

EN IEC 62368-1 :2014, EN 301 489-33:2017 V2.2.0, EN 302 065-2 V2.1.1

Authorities can request relevant technical information from:

Pascal ROUSSY, R&D Manager, 38 rue Bobby Sands, 44818 Saint Herblain, France

Saint-Herblain, 10/07/2019

Pascal ROUSSY, R&D Manager

Signature of issuer



WEEE

Information concerning **Waste of Electrical and Electronic Equipment** (WEEE):

This product and its information, meets the requirements of the WEEE Directive (2012/19/EU), and must be handled in compliance with the directive.

The product is marked with this symbol:



Products with the symbol of a crossed out wheeled bin *with* a single black line underneath, indicates that parts within the product must be handled in compliance with the WEEE Directive. The entire product, or the WEEE parts, can be sent to your “Customer Centre” for handling.

FCC compliance Class A

This device complies with Part 15 of the FCC Rules. Any changes or modifications not expressly approved by the manufacturer could void the user’s authority to operate this device.

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 Responsible party

Name: Mark Johnson

Position: General Manager

Address: Chicago Pneumatic Tool Company
LLC 1815 Clubhouse Road Rock Hill
SC 29730

USA

Mobile: +1 800 624 4735

Email: mark.johnson@desouttertools.com

Safety Information

(i) NOTE: This equipment has been tested and found to comply with the limits for a Class A 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. Any changes or modifications to this equipment not expressly approved by Desoutter may cause, harmful interference and void the FCC authorization to operate this equipment.

IC compliance Class A

CAN ICS-3(A)/NMB-3(A)

(English) This device complies with Industry Canada's licence-exempt RSSs. 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.

(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;
- 2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

(English) This equipment complies with RSS102's radiation exposure limits set forth for an uncontrolled environment under the following conditions:

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

(Français) Cet équipement est conforme aux limites d'expositions de la CNR102 applicables pour un environnement non contrôlé aux conditions suivantes:

1. Cet émetteur ne doit pas être co-localisé ou opérer en conjonction avec toute autre antenne ou émetteur.

Information regarding Article 33 in REACH

The European Regulation (EU) No. 1907/2006 on Registration, Evaluation, Authorization and restriction of Chemicals (REACH) defines among other things requirements related to communication in the supply chain. The information requirement applies also to products containing so called Substances of Very High Concern (the "Candidate List"). On 27 June 2018 lead metal (CAS nr 7439-92-1) was added to the Candidate List.

In accordance with the above this is to inform you that certain electrical and mechanical components in the product may contain lead metal. This is in compliance with current substance restriction legislation and based on legit exemptions in the RoHS Directive (2011/65/EU). Lead metal will not leak or mutate from the product during normal use and

the concentration of lead metal in the complete product is well below the applicable threshold limit. Please consider local requirements on the disposal of lead at product end of life.

Regional Requirements

⚠ WARNING

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to

<https://www.p65warnings.ca.gov/>

Safety

DO NOT DISCARD - GIVE TO USER

⚠ WARNING Read all safety warnings, instructions, illustrations and specifications provided with this product.

Failure to follow all instructions listed below may result in electric shock, fire, property damage and/or serious injury.

Save all warnings and instructions for future reference.

⚠ WARNING All locally legislated safety rules regarding installation, operation and maintenance shall be respected at all times.

Statement of Use

- For professional use only.
- This product and its accessories must not be modified in any way.
- Do not use this product if it has been damaged.
- If the product data or hazard warning signs on the product cease to be legible or become detached, replace without delay.
- The product must only be installed, operated and serviced by qualified personnel in an industrial environment.

Intended use

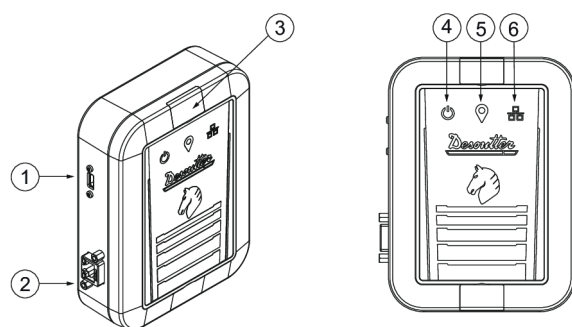
The tracking base has been designed for communicating with trackers mounted in tools via Ultra-Wide Band (UWB) on one side and to CONNECT on the other side. No other use permitted.

This equipment is not suitable for use in locations where children are likely to be present.

Model	Part number
Tracker (EABC)	6158132590
Tracker (EPBC)	6158132600
Tracker (EABS)	6158134150
CONNECT-X	6159327220
CONNECT-W	6159327230

Product Specific Instructions

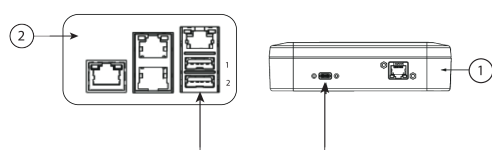
Description



- | | |
|---|----------------------------|
| 1 | USB-C |
| 2 | Ethernet/Ethernet PoE |
| 3 | Mounting screw access door |
| 4 | Power supply indicator |
| 5 | UWB indicator |
| 6 | Ethernet indicator |

Power supply and communication

Via USB-C



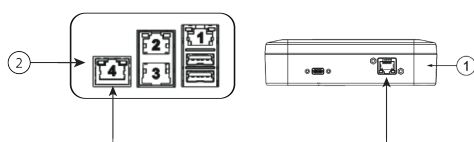
- | | |
|---|--|
| 1 | Tracking base |
| 2 | Connect-X 6159327220 (to be ordered separately)
Connect-Y 6159327230 (to be ordered separately) |
| 3 | Computer (For service) |

Plug a **USB3.0 A to C** cable (not supplied) to the tracking base and to any USB port of CONNECT.

(i) Both power supply and communication are provided.

Via Connect PoE injector

(i) The PoE injector is not supplied.



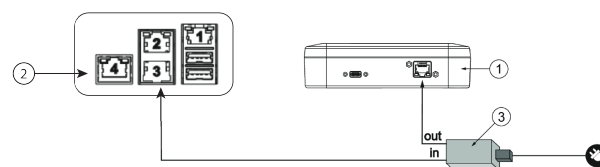
- | | |
|---|--|
| 1 | Tracking base |
| 2 | Connect-X 6159327220 (to be ordered separately)
Connect-Y 6159327230 (to be ordered separately) |

Plug an Ethernet cable to the PoE injector (in) and to the Ethernet port of the tracking base.

Plug an Ethernet cable to the PoE injector (out) and to CONNECT.

Via external PoE injector

(i) The PoE injector is not supplied.

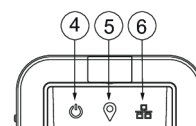


- | | |
|---|--|
| 1 | Tracking base |
| 2 | CONNECT-X 6159327220 (to be ordered separately)
CONNECT-Y 6159327230 (to be ordered separately) |
| 3 | PoE injector 6158133960 (to be ordered separately) |

Plug an Ethernet cable to the PoE injector (in) and to the Ethernet port of the tracking base.

Plug an Ethernet cable to the PoE injector (out) and to CONNECT.

How to read indicators



Item	Indicator	Description
4	Power supply indicator	This LED lights up in White and remains steady when the power supply is correctly provided.
5	UWB indicator	This LED shows UWB communication status: Blue (Blinking): communication between Tracking base/Tracker is not functional Green (Blinking): communication between Tracking base / Tracker is functional.
6	Ethernet/ USB indicator	This LED shows Ethernet / USB communication status between Tracking Base and CONNECT. When Ethernet /USB communication has been established, this LED lights up in Blue and remains steady.

By default, tracking base is defined as a COORDINATOR Tracking Bases. Indicator behavior depends on Tracking Base type declaration.

Safety Information

- Refer to the Product Instructions of Tracking base (printed matter No. 6159925540) available at <https://www.desouttertools.com/resource-centre>.
- Tracking base model type:

Tracking base model type	Tracking base serial number index	Date of production
CE only	4900xxxxxxx to 4903xxxxxxx From index = 0 to 3	Before 2021
CE & FCC	4904xxxxxxx and later From index = 4	After 2021

Electrical Safety

 **WARNING** This apparatus must be earthed.

 **CAUTION** Multiple power sources may be present. Disconnect ALL power sources before servicing.

 **CAUTION** The socket-outlet shall be easily accessible.

- Earthed equipment must be plugged into a socket that has been properly installed and earthed according to appropriate regulations. Never remove the earth pin or modify the plug in any way. Do not use any adapter plugs. Check with a qualified electrician if you are in any doubt as to whether the outlet is properly earthed. Should the equipment suffer electronic malfunction or breakdown, the earth provides a low resistance path to carry electricity away from the user. Applicable only to Class I (earthed) equipment.
- Failure to comply with these operating instructions may impair the safety of this equipment.
- Only use the cord supplied with the controller to connect to the mains, and the cord supplied with the tool to connect to the controller. Do not modify the cords or use them for other purposes. Use only genuine replacement parts.
- Failure to follow these instructions may result in electric shock.
- Must not be used in explosive atmospheres.
- **Avoid physical contact with grounded surfaces such as pipes, radiators, ovens and refrigerators.** There is an increased risk of electric shock if your body is grounded.
- **Do not expose the equipment to rain or wet conditions.** Water entering the equipment will increase the risk of electric shock. This instruction does not apply to equipment classified as watertight or splash proof.
- For minimum electrical interference, locate the equipment as far as possible from sources of electrical noise, e.g. arc welding equipment etc.

- Do not abuse the power lead. Never use the power lead to carry the equipment or to pull the plug from a socket. Keep the power lead away from heat, oil, sharp edges or moving parts. Replace damaged leads immediately. Damaged leads increase the risk of electric shock.
- When working simultaneously with welding equipment, the work piece must be earthed separately while welding is in progress. This is to prevent the return current passing through the controller earth cables, in case the return lines for the welding equipment have not been mounted correctly on the work piece. Desoutter recommends that earthing be carried out with a conductor area at least as large as the return line for the welding equipment being used.

Signs and Stickers

The product is fitted with signs and stickers containing important information about personal safety and product maintenance. The signs and stickers shall always be easy to read. New signs and stickers can be ordered by using the spare parts list.

   	CAUTION
	Multiple power sources may be present. Disconnect ALL power sources before servicing.
	ATTENTION
	Plusieurs sources d'alimentation peuvent être présentes. Déconnecter TOUTES les sources d'alimentation avant d'intervenir sur le produit.
	注意力
	可能存在多个电源。维修前断开所有电源。
	6158761770

Useful Information

Website

Information concerning our Products, Accessories, Spare Parts and Published Matters can be found on the Desoutter website.

Please visit: www.desouttertools.com.

Information about installation manuals

Detailed operating instructions, installation and upgrade manuals are available at <https://www.desouttertools.com/resource-centre>.

Information about spare parts

Exploded views and spare parts lists are available in Service Link at www.desouttertools.com.

Country of origin

France

Safety Data Sheets MSDS/SDS

The Safety Data Sheets describe the chemical products sold by Desoutter.

Please consult the Desoutter website for more information
<https://www.desouttertools.com/legal/sds>.

Copyright

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Founded in 1914 and headquartered in France, Desoutter Industrial Tools is a global leader in electric and pneumatic assembly tools serving a wide range of assembly and manufacturing operations, including Aerospace, Automotive, Light and Heavy Vehicles, Off-Road, General Industry.

Desoutter offers a comprehensive range of Solutions -tools, service and projects- to meet the specific demands of local and global customers in over 170 countries.

The company designs, develops and delivers innovative quality industrial tool solutions, including Air and Electric Screwdrivers, Advanced Assembly Tools, Advanced Drilling Units, Air Motors and Torque Measurement Systems.

Find more on www.desouttertools.com



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