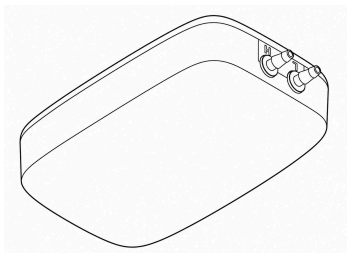


Safety & Use Manual



Designed in Norway,
assembled in Germany.

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For support and more information about
our products, visit: d21s.com/support

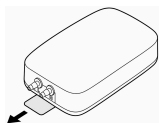
DISRUPTIVE
TECHNOLOGIES



Getting Started

Sensor Installation

- 1 Pull the battery tab to activate the sensor.



- 2 Make sure the mounting surface is clean.
- 3 Secure the mounting bracket to the wall with a screw and the adhesive, such that the ports will be pointing downwards. If mounted below 2 meters, the adhesive can be used alone.



⚠ Minimum screw dimension:
4x25mm

Supported Measurement Range:

-500Pa to 500Pa (-2 inH₂O to 2 inH₂O)

Sensor Unit Operating Conditions:

Temperature: 0 to 50°C (32 to 122°F)

Humidity: 0 to 90%RH (**non condensing**)

Recommended Storage Conditions:

Cool and dry, near normal room temperature

Port Identification:

The sensor features two ports labelled H (High Pressure) and L (Low Pressure).

Port Orientation:

Ensure the H and L ports are connected to the correct reference points (e.g., room vs. hallway) to maintain the expected pressure polarity. For a negative pressure, the H port should be connected to the room with a negative pressure, and the L port to the reference room



Keep sensors, containing batteries, out of reach of children.
Seek medical assistance immediately in case of ingestion.

Please read this guide before attempting to operate the product

Failure to follow these instructions may result in an increased risk of personal injury or damage to property, including through fire, electrical shock, burns or suffocation.

Disruptive Technologies Research AS shall not be liable for damage caused where the product owner has failed to follow the instructions set out in this guide.

No changes shall be made to the equipment without the manufacturer's permission as this may void the user's authority to operate the equipment.

Warnings

- Not waterproof, should only be used in a dry environment.
- Only use 1.5V Alkaline LR6 batteries.
Note the polarity (orientation) of the batteries as indicated on the device.
- Risk of fire or explosion if the battery is replaced by an incorrect type
- Do not crush, cut, disassemble or dispose of batteries in fire. It can result in an explosion or leakage of harmful and flammable substances.
- Do not expose batteries to temperatures above 70°C

Wireless Differential Pressure Sensor (EU Version):

Frequency Band ISM 868 MHz
Transmit Power < 10 mW

CE: Hereby, Disruptive Technologies Research AS declares that the radio equipment type Wireless Differential Pressure Sensor PN 103021 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
www.d21s.com/doc

Wireless Differential Pressure Sensor (US Version):

Frequency Band ISM 915 MHz
Transmit Power < 10 mW

FCC: This 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.

This device complies with the safety requirements for portable RF exposure in accordance with FCC rule part §2.1093 and KDB 447498 D01.

ISED: 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

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

- (1) Cet appareil ne doit pas causer d'interférences
- (2) Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil

This device complies with the safety requirements for RF exposure in accordance with RSS-102 Issue 5 for portable use conditions.

Le présent appareil est conforme aux limites d'exposition aux RF conformément au norme CNR-102 émission 5 pour conditions d'utilisation portable.