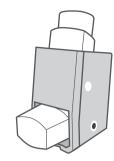


Seretide™. Flovent™/Flixotide™. ○ ProAir™, as indicated on the Hailie's sensor label and in this manual. For more information see the "Compatible Inhalers" section

(EN) Product Manual



adherium'

This Product Manual will

nelp you to get the most

out of your Hailie® sensor.



before using the sensor Hailie® Sensor Intended Use single-patient use in the home

ment as an electronic data capture accessory for monitoring and recording actuations and other of prescribed inhaler usage. The Hailie® sensor may be used in

the following applications: in clinical practice or clinical trials, where specialists, general practitioners nurses, and educators need to know if a patient has used their prescribed medication, or assess inspiratory flow and inhaler technique; and in patient self-management including medication

The Hailie® sensor is compatible only with the Ventolin. Advair M/Seretide M Flovent™/Flixotide™, or ProAir™

The Hailie® sensor is not intended to indicate remaining quantity of edication in an Inhaler and does not include a dose counting function.

Important User Information

- Warnings identify actions or situations that could lead to personal injury. Take note of al warnings before using the Hailie®
- Precautions identify actions or situations that could damage the Hailie® sensor or other equipment, or affect the accuracy data
- Notes contain advisory nformation about some aspect of the Hailie® sensor or its use

Warnings and Precautions

- To ensure your Inhaler functions correctly, do not use the Hailie® medication than that indicated on the Hailie® sensor label
- Refer to the labelling provided with the Inhaler for instructions on use. Carry out all steps required to use your Inhale according to the instructions.
- ↑ The Hailie® sensor is intended to track medication usage. It is not intended to diagn your condition or to replace the diagnosis of a licensed physician
- This manual does not provide nformation on how to use prescription medication, and is not intended to replace the advice provided by a health professional. Directions for using prescription medication should be obtained from followed accordingly. Any medication should be referred to a health professional.

| Δ | US only: Read the label on the |
|---|-------------------------------------|
| • | front panel of the Inhaler before |
| | installing into the Hailie® sensor. |
| | |

US only: Important instructions for use of the Inhaler are printed on the front panel of the inhaler. The label is covered when the Hailie® sensor is installed. The label can be checked at any time by removing the Hailie® sensor from the Inhaler, and replacing it after the label is checked. Follow the steps in Installing or Removing

The Hailie® sensor does not contain a dose counter. Do not use data collected by the Hailie® nsor to determine the number of doses remaining in an Inhaler.

▲ If your prescribed Inhaler anges, do not use it wi this Hailie® sensor. Only use a Hailie® sensor that is labelled as compatible with your prescribed

- ▲ Keep the Hailie® sensor outside
- Setup and use of the Hailie® sensor for patients under 12 years of age requires assistance from a parent or caregiver.
- The Hailie® sensor is a batterypowered electronic device. Take care to not spill liquids on the Hailie® sensor or immerse it in rater. Do not use the Hailie® sensor if it is not in good condition
- Do not expose the Hailie® sensor to excessive perspiration during exercise
- For hygiene and data integrity reasons, do not use the Haili sensor with more than one patient.
- Remove the Hailie® sensor from the Inhaler before cleaning the
- NF0090 only: Do not use the Hailie® sensor while charaina to avoid risk of electric shock.

What is the Hailie® Sensor?

The Hailie® sensor is a companion tool that tracks your prescribed medication use and reminds you when to take your rescribed medication

The Hailie® sensor is a small batterypowered electronic data logger that attaches to an Inhaler. The Hailie® sensor contains an electronic clock and ndar that is used to log the date and time of Inhaler usage, Usage data can be uploaded via a wireless Bluetooth®

The Hailie® sensor has a built-in audiovisual alert to remind you when to take your prescribed medication and tracks when you did — so you can have confidence you're following your

Hailie® Sensor Components



- Use only with this medication Light Emitting Diode (LED)
- Status Button 4. Battery type-see Symbols section for
- 5 USB Port

Compatible Inhalers

The Hailie® sensor is designed to work only with the Inhaler and medication indicated on the Hailie® sensor label

| Country | Medication | |
|---------|-------------------|---------------------------------|
| AUS | Ventolin™ MDI | 100 mcg |
| | Seretide™ MDI | 50/25, 125/25, 250/25 mcg |
| | Flixotide™ MDI | 50, 125, 250 mcg |

| CAN | Ventolin™ HFA | 100 mcg |
|-----|-------------------------|---------------------------------|
| | Advair™ HFA | 125/25, 250/25 mcg |
| | Flovent™ HFA | 50, 125, 250 mcg |
| EU | Ventolin™ MDI | 100 mcg |
| | Seretide™ MDI | 50/50, 50/125, 50/250 mcg |
| | Flixotide™ MDI | 50, 125, 250 mcg |
| NZL | Ventolin™ MDI | 100 mcg |
| | Seretide™ MDI | 50/25, 125/25, 250/25 mcg |
| | Flixotide™ MDI | 50, 125, 250 mcg |
| UK | Ventolin™ Evohaler™ | 100 mcg |
| | Seretide™ Evohaler™ | 50/25, 125/25, 250/25 mcg |
| | Flixotide™ Evohaler™ | 50, 125, 250 mcg |
| USA | Ventolin™ HFA | 90 mcg |
| | Advair™ HFA | 45/21, 115/21, 230/21 mcg |
| | Flovent™ HFA | 44, 110, 220 mcg |
| | ProAir™ HFA | 90 mcg |

Since the time of printing certain information might have changed. For an up to date list of compatible inhalers please refer to www.adherium.com/ compatibility.

The Hailie® sensor intended population is identical to the intended population of the compatible Inhale

Preparation for First Use

Setup and use of the Hailie® sensor for patients under 12 years of age requires assistance from a parent or caregiver.

Following manufacture, the Hailie® sensor is placed in Deep-Sleep mode to conserve battery life. To check if the Hailie® sensor is still in Deep-Sleep mode, press the Status Button once The LFD will flash white if it is still in

The Hailie® sensor must be paired with a compatible Bluetooth® mobile device in order to sync stored usage data.

Download a compatible mobile app to ommunicate with your sensor. For more nformation go to support.hailie.com.

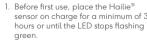
Ensure Bluetooth® is enabled on your

Non-Rechargeable Sensor -

- 1. Open the compatible mobile app and follow the prompts to complete the pairina process
- 2 Wake up the Hailie® sensor by holding down the Status Button for 3 seconds. 3. The Hailie® sensor will wake up and
- the LED will flash green.

 4. After 5 seconds the Hailie® sensor will automatically enter Bluetooth® pairing node and the LED will flash blue for
- 5. The LED will flash green to indicate successful pairing

Rechargeable Sensor - NF0090



- 2. When charging is completed, open the compatible mobile app and follow the prompts to complete the pairing 3 Disconnect the Hailie® sensor from
- the power supply. This will wake the Hailie® sensor from Deep-Sleep mode 4 The Hailie® sensor will automatically
- the LED will flash blue for 60 seconds. 5. The LED will flash green to indicate successful pairing.
- If pairing is not successful within 60 seconds the LED will flash red. The pairing process can be repeated if necessary by pressing the Status Button 3 times quickly to initiate pairing.



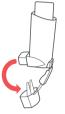
Installing and Removing an Inhaler

Installation

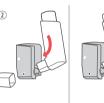
| r Inhaler with on-tethered cap | for Inhaler with tethered cap |
|-----------------------------------|-------------------------------|
| 4 | 4- |

US only: Read the label on the front panel of the Inhaler before





To install the Inhaler, remove the Inhale an and alian the Inhaler with the back



Push the Inhaler firmly into the Hailie® sensor, ensuring the mouthpiece of the Inhaler goes through the front window



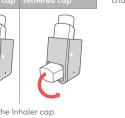
on the Hailie® sensor

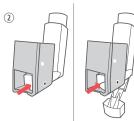


Replace the Inhaler cap.

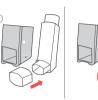


The Hailie® sensor is ready to use.





While holding each side of the Hailie nsor, push the mouth Inhaler to remove the Inhaler from the



Replace the Inhaler cap





Delivering a Dose of Medication

Refer to the labelling provided use. Carry out all steps required to use your Inhaler according to the

To use the Hailie® sensor, hold the Hailie® sensor in one hand with the thumb under the base of the Hailie® finger on top of the medication canister

The Hailie® sensor LED flashes green, orange or red (to indicate battery level) 3 seconds after detecting the medication

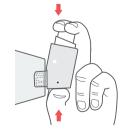
If the LED flashes red or if there is no flash, the Hailie® sensor is not monitoring sage. Check the battery level according to Reviewing the Battery Level.



The Hailie® sensor does not etect or record the quantity of medication delivered by the

To use the Hailie® sensor with a space the thumb at the base of the Hailie® sensor and the index finger and second inger on top of the medication canister Use the other hand to support the spacer

If necessary, you may require assistance rom another person to hold the spacer chamber for you.



Medication Reminders

Audiovisual reminders may be set up from a compatible mobile app. If enabled, the medication reminders are generated on the Hailie® senso with increasing frequency for up to 24 minutes, until either the prescribed is cancelled. The LED flashes areen and the Hailie® sensor emits a beeping sound when the reminder alert is triggered.

To cancel the reminder, hold down the Status Button until you hear a beeping sound and the LFD flashes red.

Reviewing Inhaler Usage Data he Inhaler usage history can be automatically uploaded via a compatible paired mobile device

The unload of new information will occur automatically as long as the Hailie® sensor is within range (5 meters or 16 feet) of the mobile device with Bluetooth® enabled.

When travelling ensure your nobile device is set to the local time zone for accuracy of Inhaler Manually Uploading Stored

Information

The Hailie® sensor can manually upload data to a paired *Bluetooth®* mobile

- 1. Hold down the Status Button until the LFD shows white then release
- The LED will flash white while the Hailie® sensor attempts to upload. then flash green if the upload is successful



Reviewing the Battery Level

The LED on the Hailie® sensor in the battery level after detecting medication usage, or when the Status Button is pressed once.

| .ED Colour | Battery Status | l bi | |
|-------------|--|----------|--|
| Green | The battery level is good. The Hailie® sensor is monitoring inhaler usage. | or | |
| Orange | The battery level is low. The Hailie® sensor is still monitoring inhaler usage. | | |
| Red | The battery is depleted. The Hailie® sensor has stopped monitoring inhaler usage. | Fo su | |
| No Flash | The battery is depleted, or the Hailie® sensor has failed, e.g. due to liquid immersion or mechanical stress | | |

Recharging the Hailie® Sensor - NF0090 only

The Hailie® sensor conta rechargeable battery that is recharged via the USB Port. To recharge the Hailie® sensor, connect it to a computer USB port or USB wall plug adaptor, using e supplied USB cable or a mic cable less than 3 metres (9ft 10in) in

When connected to a charaina source. the LED will flash slowly in a colour according to the battery level. When charging is complete, the LFD will turn



Allow up to 3 hours to fully recharge a Hailie® sensor that is displaying a red flashing LED. Charging times will below 10°C (50°F).

The Hailie® sensor should be recharged every 4 months as a minimum to ensure ntinued battery function

Cleaning the Hailie® Sensor and Inhaler

Check the instructions from the Inhale manufacturer for keeping the inhaler and mouthpiece clean

Remove the Hailie® sensor from the inhaler before cleaning the

Keep the Hailie® sensor clean and free of chemicals, steam, water and dust, with a lightly dampened cloth. Check the Hailie® sensor is clean and repeat if necessary. Leave it to dry in a warm place that is less than 30°C (86°F).

Specifications The Hailie® sensor is a battery powered electronic device. Do Model numbers NF0090, NF0091

not immerse the Hailie® sens

The cleaning method is intended to

support single patient use. If the sensor is contaminated by another individual, it is recommended that the Hailie® sensor

be discarded and replaced with a new

To help maintain battery capacity, store

our Hailie® sensor below 30°C (86°F).

Keep out of direct sunlight and avoid

The inhaler medication has its own

storage recommendations. Refer to

the labelling provided with the inhaler

extreme temperatures

Storage

medication

in water. Do not use the Hailie

sensor if it is not in good condition.

Usage Log 5120 usage logs and +1 hour after 12 Note: the Hailie Internal Clock sensor clock is updated every time data is uploaded to a compatible mobile арр. iOS or Android Compatible support.hailie.com for more information Bluetooth® 1 0: 2 10 - 2.48 GHz, 1.0 mW Technology Low Energy

(32 to 104°F)

-20 to 60°C

(-4 to 140°F)

15 to 90% RH

Non-Rechargeable Sensor

Battery Type Lithium Coin Cell

3 years

1 vear

2 years

2 vears

Read manual before use

Non-rechargeable Sensor

Rechargeable Sensor

Temperature limit

Humidity limitation

Manufacturer

Serial Number

Part Number

Model Number

Date of Manufacture

Country of Manufacture

AU only: Regulatory

EU only: European

EU only: Medical Device

EU only: Do not dispose

municipal waste

mark

NZ only: Regulatory

UK only: UK conformity

Hailie® sensor as unsorted

Model number NF0091

Rechargeable Sensor

Model number NF0090

Battery Type Lithium Polymer

Keep dry

(non-condensing)

pressure ≤ 50 hPa

at water vanou

Operating

Temperature

Temperature

Storage

Humidity

Shelf Life

Shelf Life

Symbols

Service Life

Ti

SN

REF

#

쎄

M M

 (ϵ)

MD

R-NZ

Service Life

TroubleshootingIf the Hailie® sensor is not responding to Bluetooth® communications, check the Hailie® sensor battery level as pe Reviewing the Battery Level in this manual. Ensure Bluetooth® is enabled in Other wireless communications

equipment such as wireless home network devices, mobile phones. cordless telephones and their base stations, walkie-talkies, and equipment such as contactless payment or anti-theft ms, can affect the Hailie® s and should be kept at least 30cm (12in)

Increase the separation distance

between the Hailie® sensor and any

such devices if this could be causina

f this does not help, contact the supplier



pport.hailie.com For information about your medical condition or your

healthcare provider.

EU only: Any serious incident that has occurred in relation to the Hailie® Sensor should be reported to Adherium and the health authority of the EU Member State

Servicina

ntact the supplier or manufacturer for Hailie® sensor servicing. Do not attempt to open or service the Hailie® sensor. ampering with the Hailie® sensor voids the warranty.

Disposal

Dispose of or recycle the Hailie® sensor in accordance with regulations for your country, as applicable for electro devices containing a lithium polyme or lithium coin cell battery. Ensure that the inhaler is removed from the Hailie® sensor prior to disposal.

EU only: Do not dispose of the Hailie® nsor as unsorted municipal waste The Hailie® sensor must be recycled in accordance with Directives 2012/19/EU and 2006/66/FC. To arrange for return disposal of the Hailie® sensor contact the supplier.

Warranty

The Hailie® non-rechargeable sensor (NF0091) includes a 12 month warranty against manufacturing defects from

The Hailie® rechargeable sensor (NF0090) includes a 24 month warranty against manufacturing defects from date This warranty maybe voided under the

ing circumstances: damage to the Hailie® sensor including dropping, water damage resulting from conde or immersion, tampering, attempts to service, or other forms of abuse

vears from date of manufacture

The Hailie® sensor warranty expires 4

Electromagnetic Compatibility The Hailie® sensor does not perfor any clinical function where loss

or degradation would result in unacceptable risk Immunity Test Compliance Level and Standard Radiated EMI roup 1 Class B CISPR 11 Electrostatic ± 8 kV contact 2/4/8/15 kV air IFC 61000-4-2 Radiated RF EM 10 V/m: 80 - 2700 Fields EC 61000-4-3 5240 5500 5785 Proximity fields from RF wireless 27 V/m: 385 MHz 28 V/m: 450, 810, EC 61000-4-3

FCC Statement (US) This device complies with Part 15 of the FCC Rules. Operation is subject to the

Power frequency

IFC 61000-4-8

operation.

This device may not cause harmful erference, and This device must accept any interference received, including

interference that may cause undesired

including third-party trademarks, refer to www.adherium.com/ip. Harmful interference" is defined by FCC as any emission radiation or induction hat endangers the functioning of a adio navigation service or of other safety services or seriously degrades obstructs or repeatedly interrupts a radiocommunications service operatina ProAir is a trademark of Teva accordance with FCC rules Respiratory, LLC, Teva Branded

870, 930, 1720, 1845,

1970, 2450 MHz

30 A/m

The Grantee is not responsible for any changes or modifications not expres approved by the party responsible for void the user's authority to operate the

ISED Statement (Canada)

This device contains a licence-exemp transmitter/receiver that complies with novation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the wing two conditions

- 1. This device may not cause
- 2 This device must accept any interference, including interference that may cause undesired operation of the device

This equipment complies with the RSS-102 radiation exposure limits set forth for an uncontrolled environment.

Déclaration de l'ISED (Canada) L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation. Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1. L'appareil ne doit pas produire de
- 2. L'appareil doit accepter tout village radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

Cet appareil est conforme avec les limites d'exposition de rayonnement RSS-102 établies pour un environnement non contrôlé.

Declaration of Conformity (EU) Adherium (NZ) Ltd declares that the Hailie® sensor is in compliance with the General Safety & Performance Requirements and other relevant

provisions of Regulation EU 2017/745.

Adherium (NZ) Ltd declares that the radio equipment type Hailie® sensor is ir compliance with Directive 2014/53/EU.

EU Declarations of Conformity are available at: www.adherium.com/EUDoC



EC REP Emerao Europe acht 20 2514 AP The Hague The Netherlands

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UK Responsible Person

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Adherium Ltd Collins Square | Tower Four Level 18, 727 Collins Street Melhourne VIC 3008

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Hailie® Sensor Product Manual Part Number: ND0400 Version: 5 sue Date: 14 Iuly 2021

support@hailie.com

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