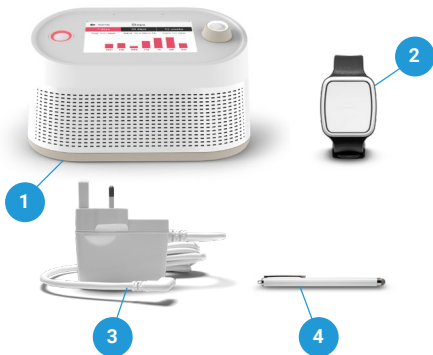


Vibday_{HOME}



User guide

Content of the pack



1. Vibby Hub
2. Vibby Oak S
3. Vibby Hub power supply (depending on country usage)*
4. Touchscreen stylus with microfiber tip (optional)

The information and screens presented in this user manual are subject to change over time. Please visit: <https://telecomdesign.com/downloads/> to keep up with updates for the Vibby Hub.

Table of Contents

1.0	Vibby Oak S overview	4
1.1	Vibby Oak S features	6
1.2	Using the Vibby Oak S with the Hub	8
1.3	Wearing the Vibby Oak S	10
2.0	Using the Vibby Hub	12
2.1	Recommendations	14
2.2	Front view of your Vibby Hub	16
2.3	Back view of your Vibby Hub	18
2.4	Bottom view of your Vibby Hub	20
3.0	The Vibby Hub applications	22
3.1	Home screen	24
3.2	Screen saver	26
3.3	Applications menu	28
3.4	Home environment	30
3.5	Weather forecasts	32
3.6	FM radio	34
3.7	Activity	36
4.0	Alarms and falls	38
4.1	Acknowledgement of alarms and fall alarms from the Vibby Oak S	46
4.2	Acknowledgement of alarms sent from the Vibby Hub	48
4.3	Alarm verification	50
5.0	Settings	52
5.1	Settings	54
5.2	Important system alerts	56
5.3	Critical system alerts	58

1.0

Vibby Oak S overview



1.1 Vibby Oak S features



The Vibby Oak S is a wrist-worn or pendant device that:

- 1 Automatically detect heavy falls.
- 2 Allows the user to manually send an alarm.
- 3 Tracks your physical activity (number of steps, number of floors climbed, distance traveled, recommended walking duration).

To perform these functions, the Vibby Oak S must be worn continuously.

- A** **Alarm Button:** Hold down to send an Alarm.

1.2 Using the Vibby Oak S with the Hub



Your Vibby Oak S is connected to your Vibby Hub to transmit the following information:

- 1** It stores your activity data when you are away from your Vibby Hub. It synchronizes with the Hub once a day, returned within its perimeter.
- 2** It sends fall alerts and alarm signals to the telecare call-centre via the Vibby Hub when you are within connection range*.

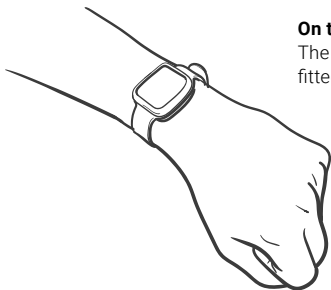
* The connection range from the Vibby Hub to your Vibby Oak S has a maximum radius of 100 meters. This distance may vary depending on your home (room configurations, types of walls, etc.).

1.3 Wearing the Vibby Oak S

The Vibby Oak S is set up by your installer in wrist-worn or pendant mode. **You must not change the wearing mode without prior notification to your installer.**

Regularly clean your Vibby Oak S with a damp cloth to prevent dust or dirt from obstructing its sensors.

We recommend following the instructions below to ensure the Vibby Oak S effectiveness and avoid causing false alarms or failure to detect falls.

**On the wrist:**

The Vibby Oak S should be well-fitted and worn comfortably

As a pendant:

The Vibby Oak S should be worn over clothing to ensure easy access to the alarm button in case of need.



2.0

Using the Vibby Hub





12:00
Friday, March 7th

☀️ 28° 📍 72° 📶 4G 🔋

2.1 Recommendations

The Vibby Hub is a unit plugged into a power outlet in your home. **It connects your Vibby Oak S to your Alarm Receiving Centre** (alarms, technical information). **It also provides various applications for your daily needs** (activity monitoring, weather forecast, etc.).



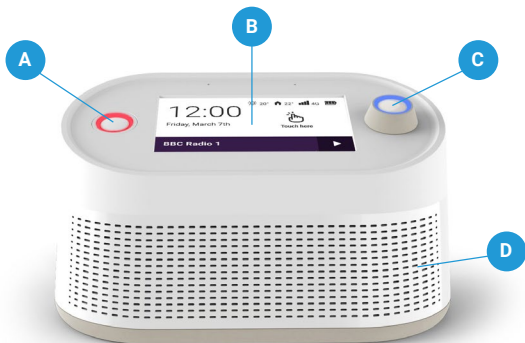
With the assistance of a technician, **we recommend placing your Vibby Hub in the center of your home** in order to ensure clear communication via the intercom in case of an alarm.

Additionally, **your Vibby Hub is the only relay for alerts sent from your Vibby Oak S to the Alarm Receiving Centre.** Therefore, it's important that it is centrally located to ensure full coverage.

The Vibby Hub should not be placed against a wall or obstructive surface. Also, avoid placing it near heat sources (such as windows exposed to direct sunlight, radiators, etc.) or cooling sources. It should not be placed in a dusty or humid environment.

Do not move the Vibby Hub yourself. Its location has been chosen by your professional installer based on all these factors. Changing its location could affect its performance.

2.2 Front view of your Vibby Hub



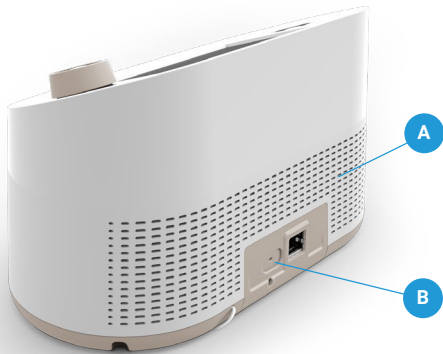
A Alarm Button: Push down the push button to send an alarm.

B Touchscreen: Touch the screen to navigate through the available menus.

C Rotary Button: Turn to adjust the volume. Click the rotary button to return to the home screen.

D Loudspeaker

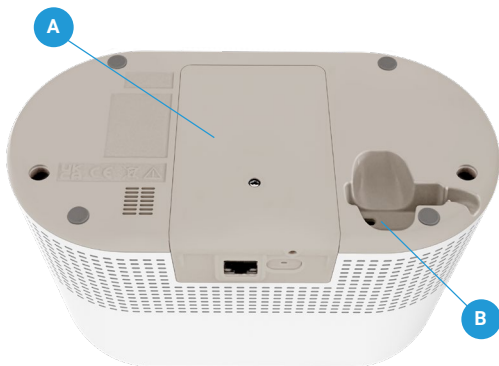
2.3 Back view of your Vibby Hub



A**Speaker****B****USB-C port***

* USB-C port is intended for charging another USB-C device only.

2.4 Bottom view of your Vibby Hub



A

Battery cover: SIM card, battery, reset button, USB port.

B

Power Supply connector USB-C

NOTE

Do not open the battery cover.

In case of need, please contact your telecare service provider or the Alarm Receiving Centre by pressing the alarm button should you encounter any battery related issue.

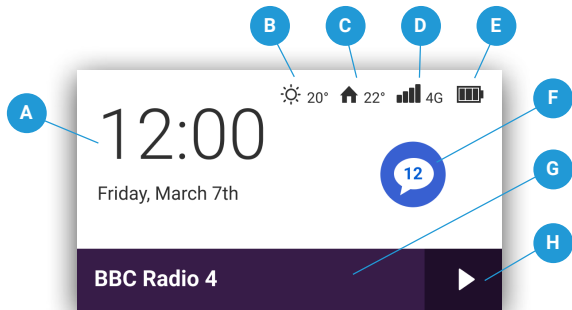
3.0

The Vibby Hub applications





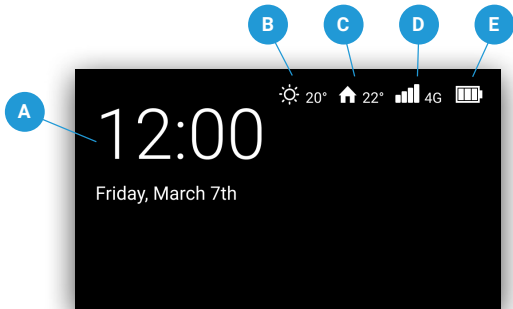
3.1 Home screen



The home screen appears by default when exiting the screensaver. It provides access to the application menu by clicking on the white area.

- A Time and date
- B Weather forecasts and outdoor temperature
- C Indoor temperature
- D GSM signal quality
- E **Battery level indicator** (if the Vibby Hub is running on battery)
- F Notifications
- G Display of the last listened radio station
- H Play/pause button for the last listened radio station

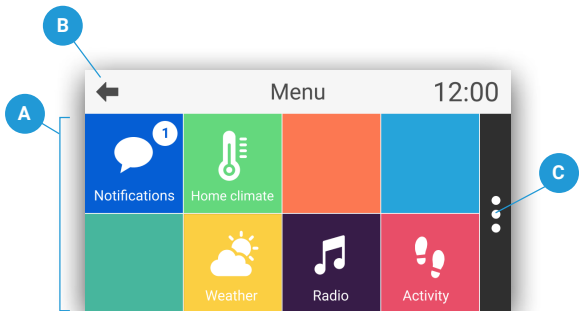
3.2 Screen saver



The screensaver appears after 5 minutes of inactivity. With a single touch, the Home screen will be displayed.

- A** Time and date
- B** Weather forecasts and outdoor temperature
- C** Indoor temperature
- D** GSM signal quality
- E** Battery level symbol appears if the power supply is disconnected

3.3 Applications menu



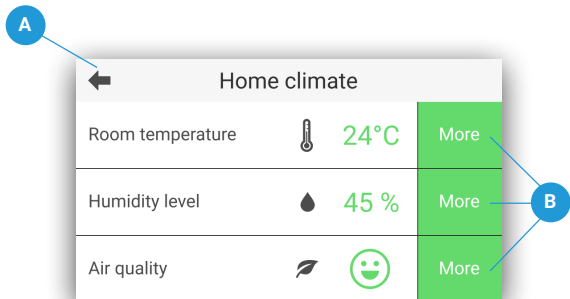
The applications menu allows you to access the different features of your Vibby Hub. Click on the icon of your choice to launch the corresponding application.

- A** Available applications
- B** Return to the home screen
- C** Settings Menu

NOTE

Your menu may differ depending on the configuration chosen by your telecare service provider.

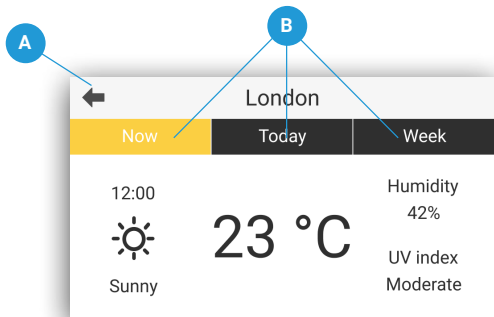
3.4 Home environment



Your Vibby Hub helps you maintaining a safe environment by reporting temperature, humidity level, and air quality of the room.

A**Return to the applications menu****B****Get advice for each indicator**

3.5 Weather forecasts



Your Vibby Hub informs you about the weather outside your home. Find the following information: **current weather conditions, outside temperature, outside humidity level, and UV index.**

A**Return to the applications menu****B****Find out more detailed information for the selected period**

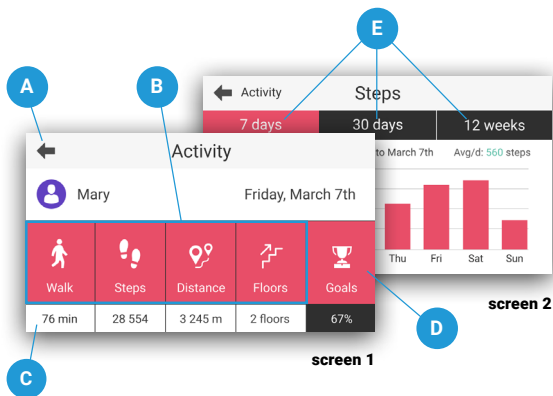
3.7 FM radio



Listen to your favorite radio stations from your Vibby Hub. This application can also be used from your home screen. To increase or decrease the volume, use the rotary button.

- A** Return to the applications menu
- B** Station information
- C** Station frequency
- D** Touch to add/remove the radio station from favorites
- E** Add/remove the radio station from your favorites
- F** Manual search for radio stations
- G** Automatic search for radio stations

3.8 Activity



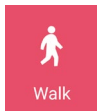
Your activity is measured by the Vibby Oak S when you wear it.

You can monitor your activity in detail from your Vibby Hub after the daily synchronization, which takes place at night.

It is also possible to modify your goals and view your results for the past week, month, and quarter.

- A Return to the applications menu
- B View activity for the desired period
- C View the results of the previous day
- D Customise your daily goal
- E View activity for the desired period

RECOMMENDED WALKING DURATION



This indicator counts your walking time starting from the moment you exceed the threshold of 40 seconds of continuous activity. It can accumulate throughout the day. **For reference, the World Health Organization (WHO) recommends 30 minutes of continuous walking per day.**

4.0

Alarms and falls





Automatic alarms

If the Vibby Oak S detects a heavy fall, an alarm is automatically sent.

What is a heavy fall?

It is a sudden fall occurring after a period of normal activity while standing. It is followed by a strong impact to the ground, resulting in loss of consciousness and an inability to get up, characterised by a period of immobility on the ground.

Some falls (soft falls, controlled descent against a wall or chair...) are not detected by the Vibby Oak S. The technologies which the solution is based on do not allow for analysing and interpreting all situations and detecting all falls.

If needed, the wearer can manually trigger the alarm at any time by pressing the push button.

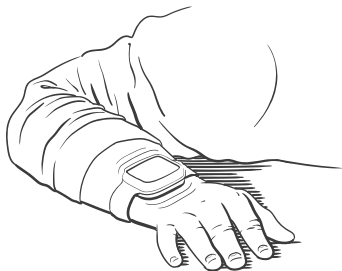


Automatic alarms

Operation:

After a fall, the Vibby Oak S verifies that you are unable to get up by conducting a 30-second analysis. **It then vibrates intermittently and flashes for 30 seconds.**

Scenario 1: The fall is confirmed. A fall alert is then sent to your Alarm Receiving Centre if you are within the connection range of your Vibby Hub*.



* The connection range of the Vibby Hub to your Vibby Oak S corresponds to an average radius of 100 meters. This distance may vary depending on your home (room configuration, wall types, etc.). The range of your Vibby Oak S must be verified by the installer during setup.

Scenario 2: It is a false alarm; you can then **cancel it before it is transmitted to your Alarm Receiving Centre.**

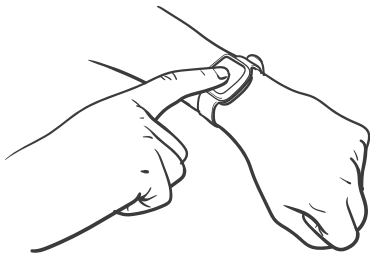


Cover the Vibby Oak S with the palm of your hand and remove it after the series of rapid vibrations.

Manual alarms

In case of an emergency or if you feel unsafe, **you can manually send an Alarm to your Alarm Receiving Centre.**

From your Vibby Oak S, press the alarm button marked by small dots. The Vibby Oak S blinks and vibrates for a few seconds. It is then impossible to cancel the alarm.



From your Vibby Hub, press the left button until the bar displayed on the screen fills up. In case of an operating error, you can still cancel the alarm before it is sent to the Alarme Receiving Centre by pressing the «cancel the alarm» button.



4.1 Acknowledgment of alarms and



Once the Alarm is triggered or a fall is automatically detected from the Vibby Oak S, the Vibby Hub will display an acknowledgement notification on the screen. A further message will be displayed once the alarm has been received by the Alarm Receiving Centre. The buttons on your Hub will continue to blink until the operator has assessed the situation and taken the appropriate action. The Hub will exit alert mode once a response has been provided, or once 6 minutes have passed from the initial alarm call time.

* Call from the Alarm Receiving Centre to assess the situation and call for help or contact relatives if necessary.

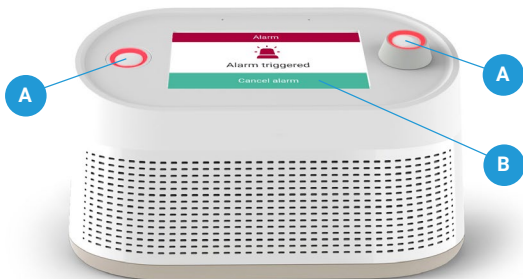
A

alarm triggered or fall detected: a red LED blinks on both buttons of the Vibby Hub.



Unlike other alerts, **alarms received from the Vibby Oak S cannot be canceled** (neither from the Vibby Oak S nor from the Hub).

4.2 Acknowledgment of alarms



Once the alarm is triggered, a first message informs you that **the alert has been acknowledged by the Hub device**. A second message indicates that it has been **successfully sent to your Alarm Receiving Centre**.

* Call from the Alarm Receiving Centre to assess the situation and call for help or contact relatives if necessary.

A

Alarm triggered: a red light blinks on both buttons of the Vibby Hub.

B

Cancel an alarm to avoid calling the Alarm Receiving Centre unintentionally.

4.3 Alarm verification



When your Alarm Receiving Centre handles the alarm*, your Vibby Hub answers and automatically activates its speaker. This way, they can talk to you even if you are a few meters away.

* Call from the Alarm Receiving Centre to assess the situation and call for help or contact relatives if necessary.

A

Ongoing verification: The red LED blinks on both buttons of the Vibby Hub.

Note: Even if you have adjusted the volume of the Vibby Hub, in verification mode, it readjusts so that the voice of the operator is audible. Once the verification is complete, your Alarm Receiving Centre alerts emergency services (if necessary) and then hangs up. Your Vibby Hub then exits alert mode.

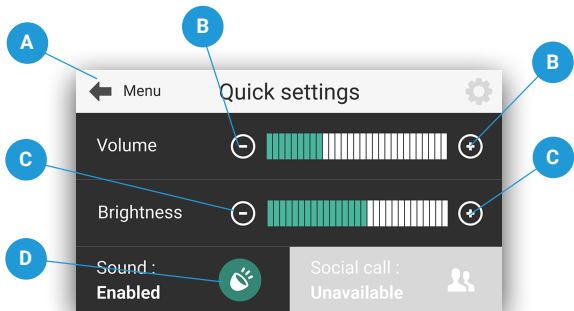
5.0

Settings





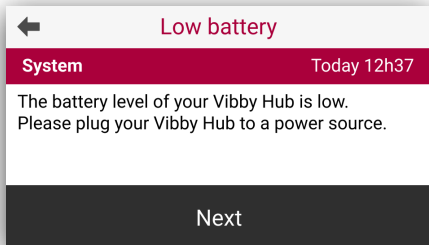
5.1 Settings



To modify the settings of your Vibby Hub, click on the button located on the right side of the applications menu.
Your changes will be applied.

- A** Return to the applications menu
- B** Increase or decrease the volume
- C** Increase or decrease screen brightness
- D** Enable/disable phone call sound

5.2 Important system alerts

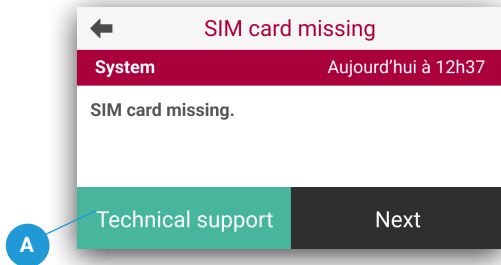


System alerts indicate an issue with your Vibby Hub. They need to be resolved for your system to function correctly. They appear in your notifications until they are fixed.

System alerts may concern:

- A low battery level
- An unplugged power supply

5.3 Critical system alerts



Critical system alerts indicate an inability of your Vibby Hub to function correctly and protect you.

When they occur, the entire system locks, and a message prompts you to contact technical assistance to resolve the issue as soon as possible.

A

Contact technical support**System alerts may concern:**

- A SIM card removed, not detected, or not functional.
- A battery removed.
- A critical battery level.
- An open battery door

Vibby Hub technical characteristics

Trademark: Telecom Design

Model: VB-BOX-05

FCC ID: 2AGMK-BOX05

Contains FCC ID: XMR202212EG21GL and **FCC ID:** 2AC7Z-ESPS3WROOM1
IC: 21552-BOX05

Contains IC: 10224A-2022EG21GL and **IC:** 21098-ESPS3WROOM1
CAN ICES-003(B) / NMB-003(B)

Weight: 801g

LCD screen: 4,3" Touchscreen

Cleaning: dry cloth

Operating temperature: +50°F / +104°F (+10°C / +40°C)

Primary power supply: via provided 12V power supply.

Backup battery: rechargeable lithium polymer, removable, replaceable.
Autonomy of 72 hours under normal operation with 30 min of outgoing voice.

Speaker: Harman Kardon. 10W output power.

Voice Over IP (Ethernet and WiFi), **BLE** (Bluetooth Low Energy)

	Radio frequency	Power
4G*	Band 2 : (Tx) 1850MHz – 1910MHz Band 2 : (Rx) 1930MHz – 1990MHz Band 4 : (Tx) 1710MHz – 1755MHz Band 4 : (Rx) 2110MHz – 2155MHz Band 5 : (Tx) 824MHz – 849MHz Band 5 : (Rx) 869MHz – 894MHz Band 7 : (Tx) 2500MHz – 2570MHz Band 7 : (Rx) 2620MHz – 2690MHz Band 12 : (Tx) 699MHz – 716MHz Band 12 : (Rx) 729MHz – 746MHz Band 13 : (Tx) 777MHz – 787MHz Band 13 : (Rx) 746MHz – 756MHz Band 25 : (Tx) 1850MHz – 1915MHz Band 25 : (Rx) 1930MHz – 1995MHz Band 26 : (Tx) 814MHz – 849MHz Band 26 : (Rx) 859MHz – 894MHz	23 dBm

* For versions with GSM connectivity.

Vibby Hub technical characteristics

	Radio frequency	Power
SRD	902 - 928 MHz	-2 dBm
Wifi	802.11b, 802.11g, 802.11n 2400 - 2483.5 MHz	20 dBm
BLE	2400 - 2483.5 MHz	10 dBm
RADIO FM	VHF Band II 87,5 – 108 MHz	N/A

FCC Compliance Statement

This device complies with part 15 of the FCC Rules and 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 harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

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 exempt de licence. L'exploitation est autorisée aux deux conditions suivantes :

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

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.

FCC RF warning statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This Equipment shall be installed and operated with minimum distance 20 cm between the radiator & body.

Radio Frequency Exposure Statement for IC:

This equipment complies with IC exposure limits set forth for an uncontrolled environment. This Equipment shall be installed and operated with minimum distance 20 cm between the radiator & body.

Cet équipement est conforme aux limites d'exposition IC définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé en respectant une distance minimale de 20 cm entre l'antenne émettrice et le corps humain.

Find all technical and legal information at the following address:

<https://telecomdesign.com/downloads/>



FCC ID: 2AGMK-BOX05
IC: 21552-BOX05
CAN ICES-003(B) / NMB-003(B)



Vibby Oak S technical characteristics

Trademark: Telecom Design

Model: VB-WTC-10

FCC ID: 2AGMK-WTC10

IC: 21552-WTC10

CAN ICES-003(B) / NMB-003(B)

Weight: 35g

Water resistance: IP67

Shock resistance: IK04

Cleaning: damp tissue

Casing: hypoallergenic

	Radio frequency	Power
SRD	902 - 928 MHz	-8 dBm

Monitoring the radio link between the Vibby Oak S and the Hub device

Radio range: 300m in free field

Operating temperature: +41°F / +104°F (+5°C / +40°C)

Battery lifetime: CR2477 / LiMnO₂

Maximum 3 years. Battery replacement will be done by your installer

Storage recommendation

- **Temperature :** +41°F / +104°F (+5°C / +40°C)

- **Humidity:** 70% maximum

- 6 month maximum

FCC Compliance Statement

This device complies with part 15 of the FCC Rules and 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 harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

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

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.

Find all technical and legal information at the following address:

<https://telecomdesign.com/downloads/>



FCC ID: 2AGMK-WTC10
IC: 21552-WTC10
CAN ICES-003(B) / NMB-003(B)



IP 67



Used symbols



DANGER! WARNING! CAUTION!

This symbol indicates a danger, warning, or caution. It means: Attention! Operator safety is at stake.



WARNING: Read the instruction manual and follow all warning and safety instructions. It contains special messages intended to draw attention to potential safety issues and risks of damage to the machine, as well as useful tips for starting, using, and maintaining the tool. Read all the information carefully for optimal use of the tool.



Dispose of batteries at a recycling centre that collects old batteries, where they will be delivered to an ecological recycling centre.



The Power Supply is for indoor use only.



The Power Supply is for indoor use only.



Do not throw the battery into household waste, fire, or water.



Protection Class II: This machine is designed with double insulation. It does not need to be connected to a grounded outlet.



Do not expose to rain.

Vibby_{HOME}

telecom design_