

USEE MANUAL



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USEE

1.1 INTRODUCTION

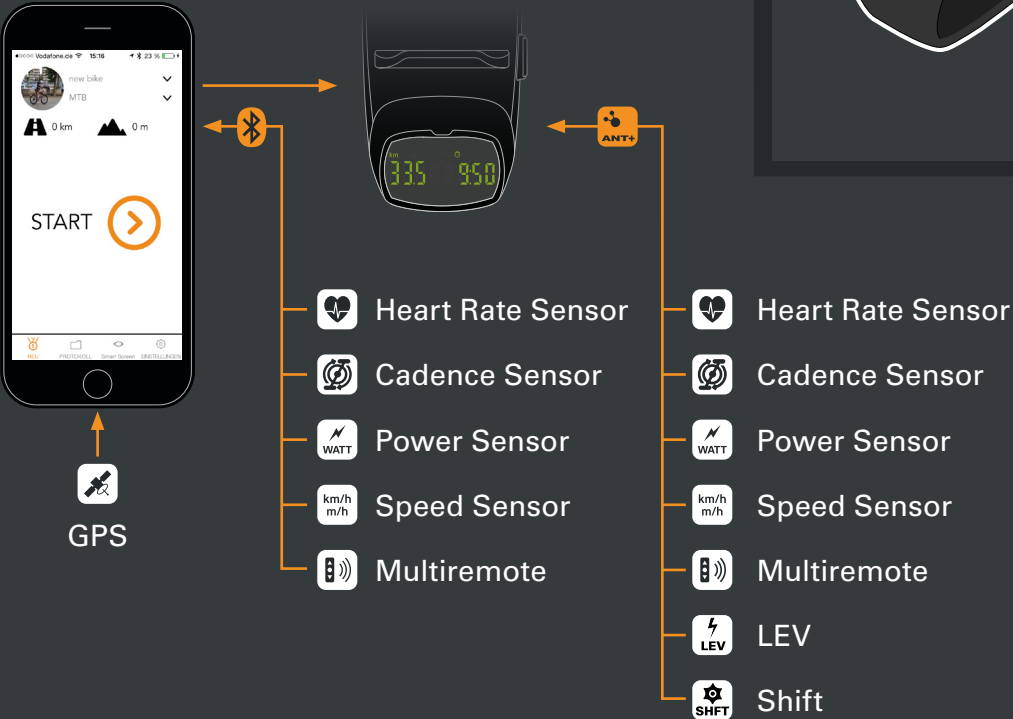
You can use the USEE in many ways:



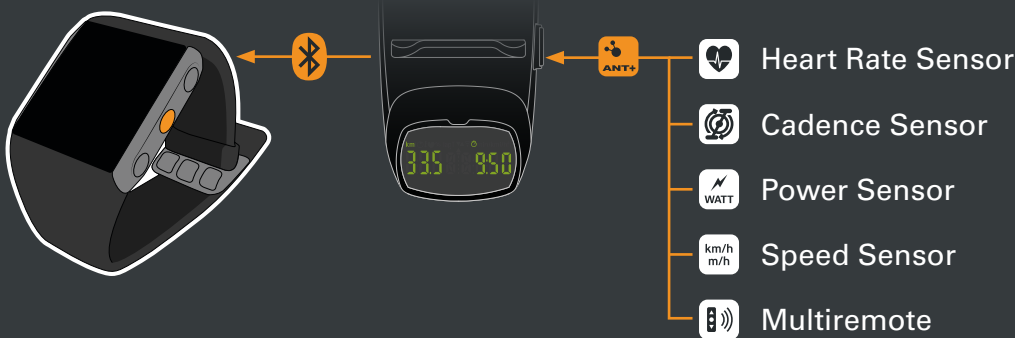
What is ANT+?

What is Bluetooth Smart?

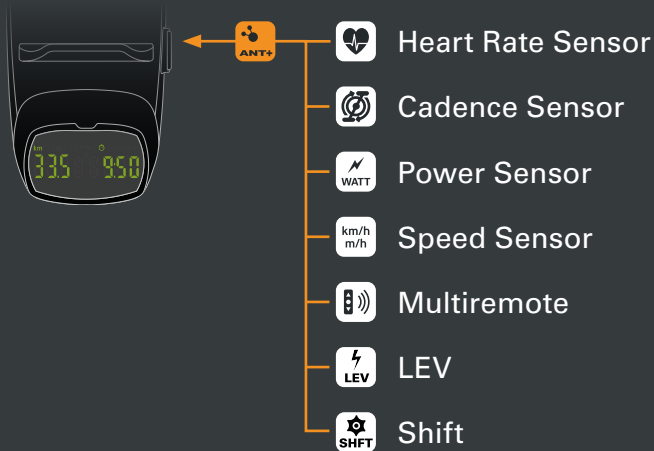
MIRROR MODE
Syncs an mirrors all data



BRIDGE MODE send ANT+ data to other Bluetooth Smart Devices



STAND-ALONE MODE
Use as a cyclometer with ANT+ Sensors

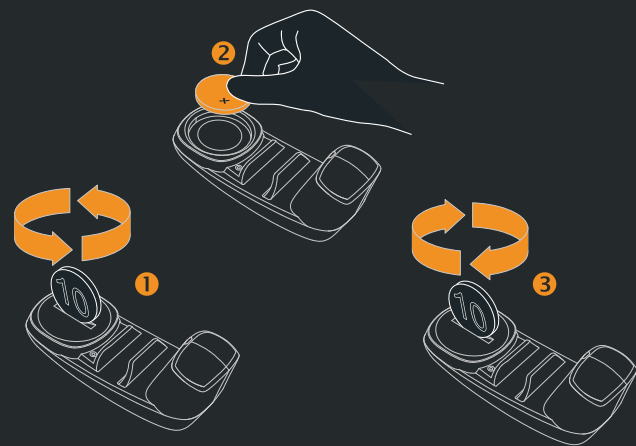


1.2 FIRST STEPS AND SETTINGS



INSERTING THE BATTERY

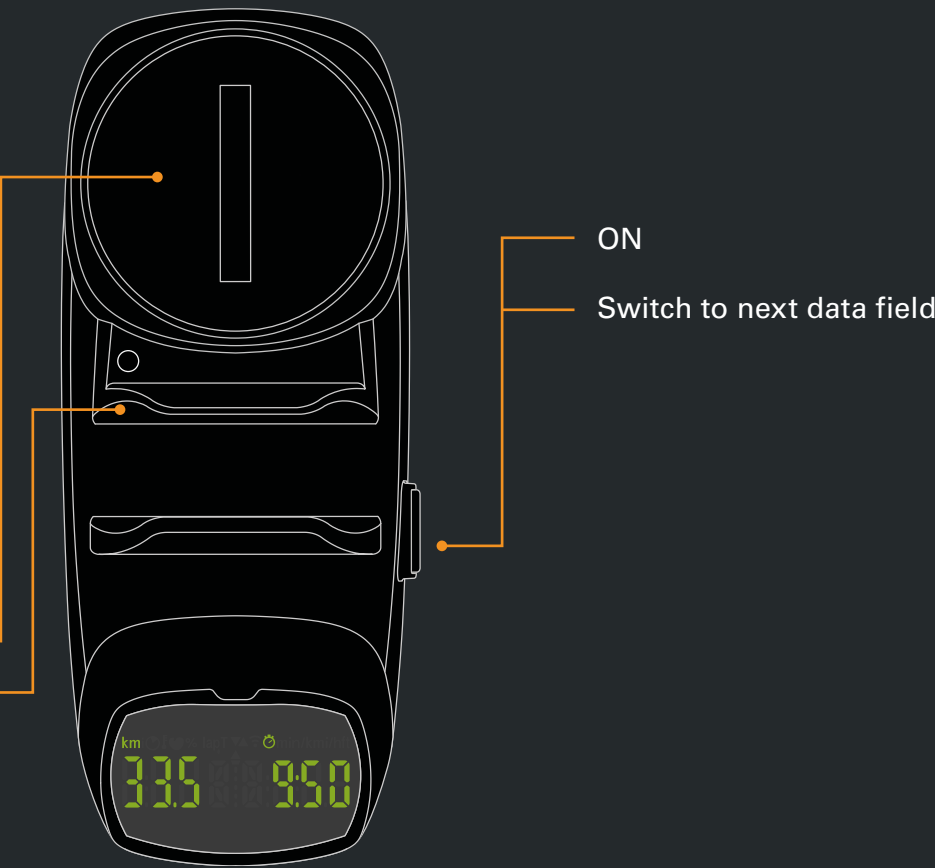
Please pay attention to the position of the rubber ring



(Back) Battery Case

(Back) Reset Button

BUTTONS AND FUNCTIONS



1.3 USEE DISPLAY OVERVIEW

 **Night Vision:**
Four LEDs ensure the illumination of the display even in the dark. The brightness of the display can be adjusted. To set the brightness, please select the mode 'riding time' on the display and keep the button on the side pressed. The display switches between LIGHT 0 - LIGHT1 - LIGHT 2 - LIGHT 3.



Simultaneous display of heart rate and power measurement

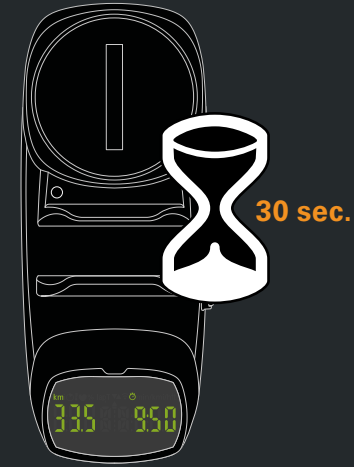
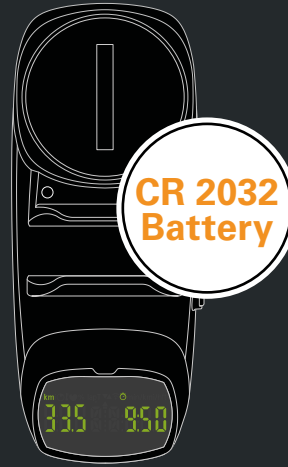


Speed (km/h or mi/h)

- Sensors and data fields
- Riding Time
 - Reset time
 - Display brightness
 - Display brightness adjustment (0-3)] long press
 - Speed
 - Heart Rate
 - Cadence
 - Distance
 - Reset distance
 - Circumference
 - Toggle metric/imperial units
 - Power
 - Battery level of power meter
 - Power meter calibration] long press
 - Electronical shifting systems
 - Battery level
 - EBike Status
 - Time
 - Lap
 - Navigation] only in Smartphone Mirror Mode

1.4 PAIRING USEE WITH ANT+ SENORS

The USEE can be connected to ANT + sensors without the use of a smartphone.



1. Activate your ANT+ sensors. Please check your sensor manual on how to activate it (pairing mode).

Please make sure that all other ANT+ sensors are not active or out of reach!

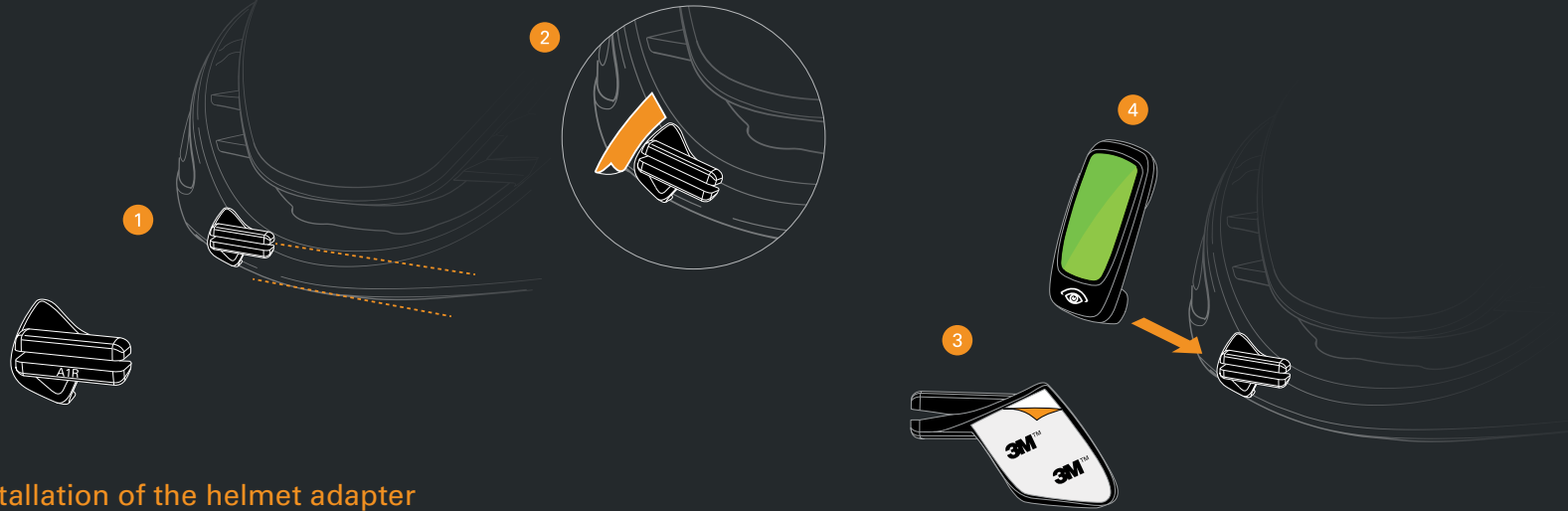
2. Insert the battery or press the reset button to re-activate pairing mode.

3. The USEE will search and pair all available (activated) ANT+ sensors located close to the USEE .

Paired sensors will be automatically connected at any new start within a few seconds after turning on the USEE.

The USEE is preset for the wheel size of 2100 mm and metric units. The setting can be changed any time with the o_synce mobile App.

1.5 USEE HELMET ADAPTER



The installation of the helmet adapter should be performed at room temperature.

1. Position the adapter on the very edge of the front side of the helmet. Make sure the slot of the adapter stays parallel to the helmet's edge.

The adapters are marked with the following designations:

- A1R for ABUS helmet Game Changer
- A2R for ABUS helmets Aventure & Viantor

2. Mark the position of the adapter with a removable pen or strip of tape.
3. Remove the foil of the sticker and affix the adapter to the marked spot.

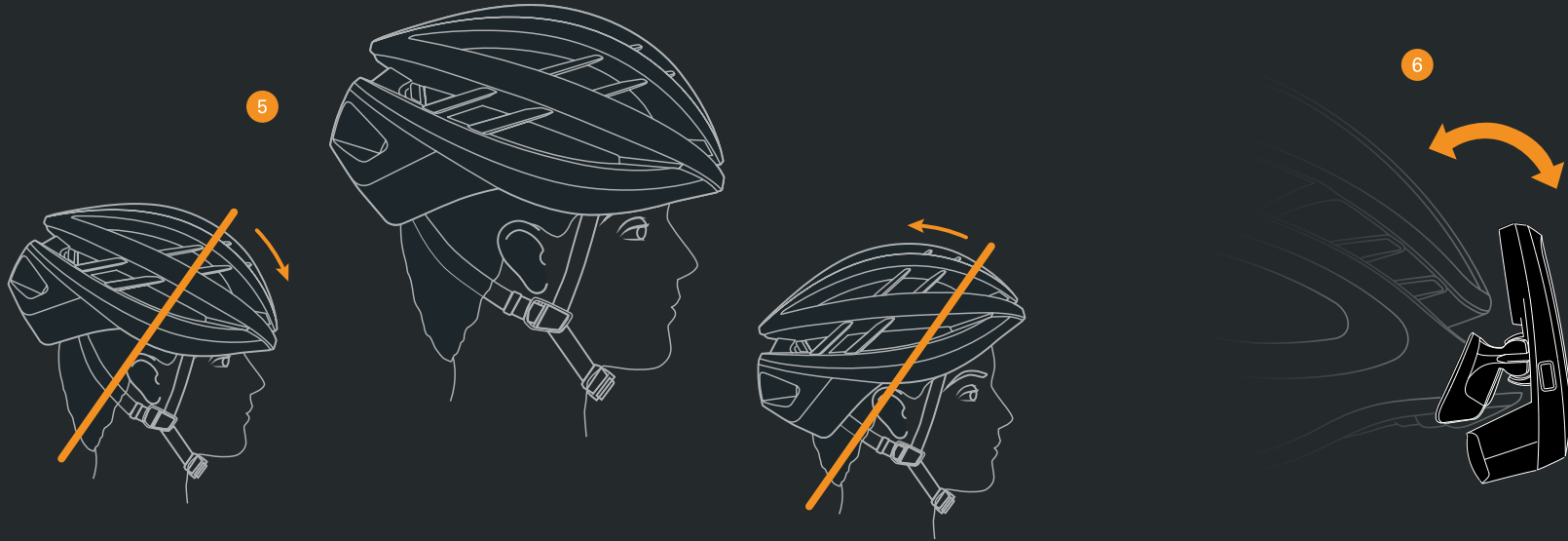
Now press the adapter tightly to the helmet.

Please make sure of the correct orientation, the positioning can not be adapted afterwards.

Full strength of the sticker will be reached after 30 minutes.

4. Slide USEE onto the helmet adapter.

1.5 USEE HELMET ADAPTER



5. Put on the helmet. Please regard the according manufacturer information.
6. Adapt the angle of the USEE to your eye. The closer the USEE is positioned to the helmet, the further the display moves to the upper edge of your field of view.
7. You're ready to go!



Safety Information

The USEE should never cover the driver's field of view! After a successful mounting, the USEE should be positioned above the rider's eye and not directly in front of it.

1.6 USING USEE IN MIRROR MODE WITH SMARTPHONE



Use the following links to download the **o_synce mobile** app:

Apple App Store:

<https://itunes.apple.com/de/app/o-synce-mobile/id878973037?mt=8>

Google Play Store:

<https://play.google.com/store/apps/details?id=eu.virtualtraining.outdoor.osynce&hl=de>

After starting a tour, the screen of the phone can be switched off for energy saving and stored safely in a pocket or back pack. Depending on various circumstances the connection remains stable up to 20 meters.

Our tip: Switch off the mobile data and the W-LAN connection to save even more energy.

1.7 NAVIGATION WITH USEE

You can use worldwide turn-by-turn navigation with the **Naviki App**.

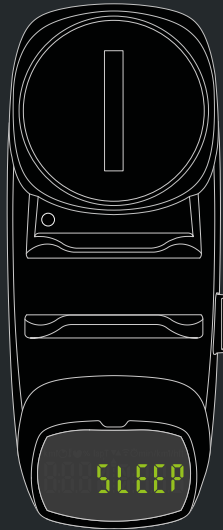
The Naviki app is free. However, you have to activate the navigation instructions. The activation costs one-off 3.79 EUR for Android and 3.99 EUR for iOS.



www.naviki.org



1.8 TURN OFF USEE



The USEE automatically deactivates after a few minutes of inactivity, briefly displaying „SLEEP“ on the screen.

In smartphone mode:

If the App is inactive or loses connection to the smartphone and the paired ANT+ sensors remain disconnected for an extended period of time, the USEE turns off.

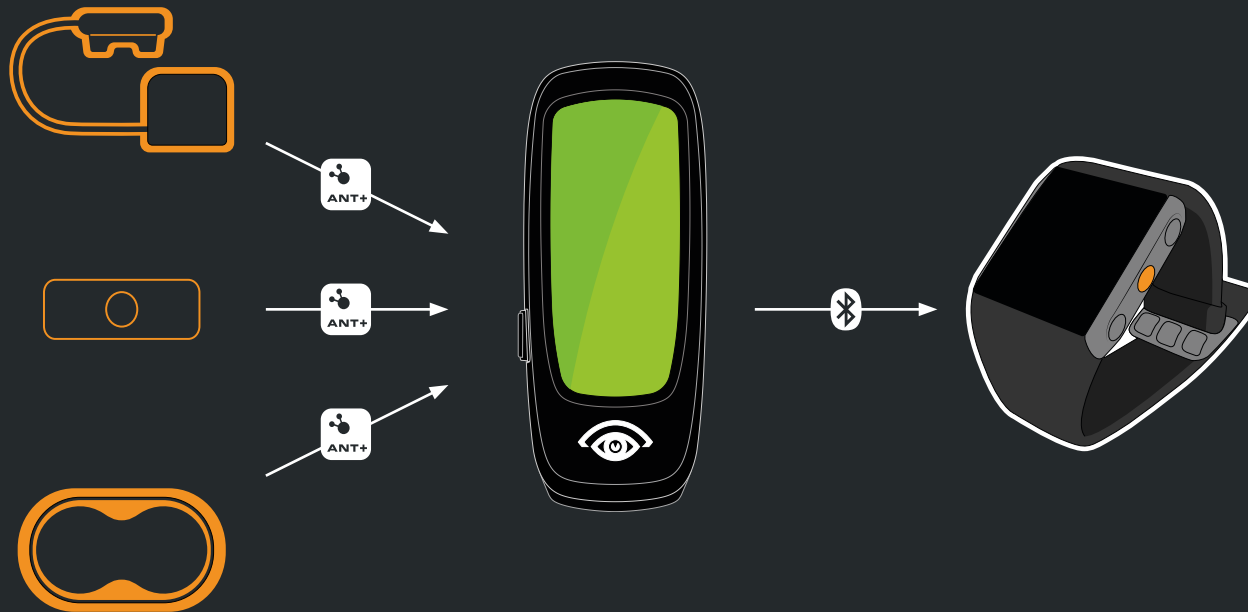
In stand-alone mode:

The USEE turns off when the coupled ANT+ sensors remain unconnected for a long time.

OTHER USE CASES

2.1 USING USEE WITH OTHER DEVICES

The USEE can bridge the data of the paired ANT + sensors to any external device (e.g. sports watch). The selected device must be able to connect to Bluetooth Smart Sport sensors.



Example: Sports Watch

The USEE will be seen as a Multi Service Bluetooth Smart Sensor and the data of the ANT + sensors such as heart rate, speed, cadence or speed / cadence and power can be used.

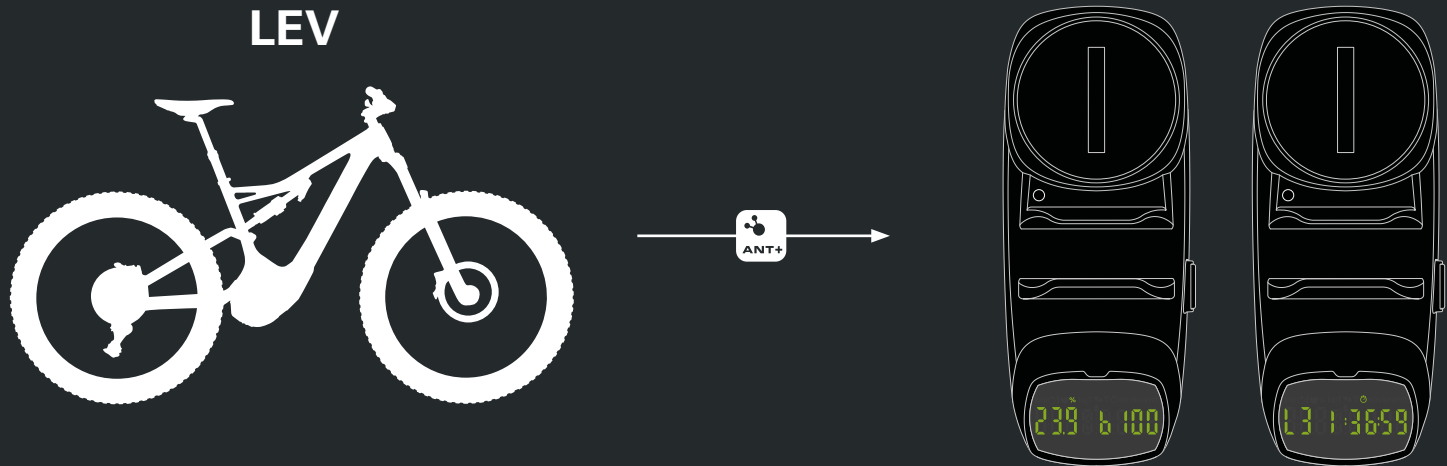
For further set up please check the user guide of the chosen device.

2.2 USING USEE WITH E-BIKES AND WITH ELECTRONICAL SHIFTING SYSTEMS



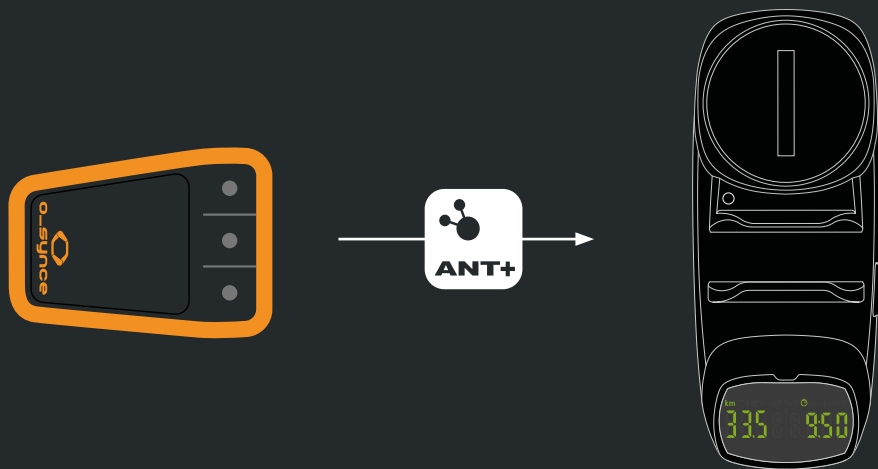
USEE can be used as an additional display for e-bikes with the ANT+ LEV profile, such as the Turbo LEVO Series by Specialized. Here, USEE can display the current assist level and the battery level of the e-bike.

USEE is also compatible with electronic shifting systems like Shimano Di2, SRAM eTAP, Campagnolo Super Record EPS, FSA K-Force WE. It can display the current gear as well as the battery status of the shifting systems.



2.3 USING USEE WITH THE MULTIREMOTE

The Multiremote is able to control the USEE. In addition, the display fields can be switched with the electronic shifting systems Shimano Di2 and Ultegra. (In this case, a Shimano Di2 SM-EWW01 D-Fly electric transmitter is possibly necessary).



You can use the multiremote directly with the USEE via ANT +.

Then you can operate the **USEE** remotely and **change the display** without having to take your hands off the handlebars.

The multiremote is available in our online shop.

www.o-synce-shop.de

SMARTPHONE SETTINGS, TECHNICAL INFORMATION AND LEGAL NOTICE

3.1 BLUETOOTH



Bluetooth Smart (4.0) is a wireless personal area technology that is mainly being used in healthcare, fitness and home entertainment industries. It consumes fewer energy than classic bluetooth while ensuring a similar communication range. With Bluetooth Smart you can easily connect your Smartphone to other devices and monitor/control these live.

The o-synce mobile app currently supports models from the iPhones 4S and Andriod from version 4.4.4



ANT+ is the wireless technology that allows your monitoring devices to talk to each other. Leading brands design ANT+ into top products to ensure that you get the data you want - when and where you want it. Fundamentally, ANT+ gives you the simplest, most expandable and most reliable user experience possible.

ANT+ stands for interoperability which means that ANT+ products from multiple brands work together. Plus, because devices are compatible, you can always add to or update your monitoring system.

ANT+ allows you to mix and match products and brands with the assurance that they will 'just work' together.

ANT+ activity icons represent the information that the product is capable of transferring. Sensors and displays with matching activity icons will work together. For example, an ANT+ heart rate strap will send heart rate data to a watch, phone, bike computer, tablet, and/or any other device that reads ANT+ heart rate.

Mix multiple displays with multiple sensors all at the same time! For example, an enabled bike computer can read data from a power meter, speed/cadence sensor and heart rate sensor at the same time. Or have multiple displays read the same sensors at once. For example, both your watch and mobile App can read data from your sensors at the same time, allowing you to conveniently view live feedback on your watch while you work out, and track and analyse your workout with your App later.

3.3 LEGAL NOTICE



Disposal

Batteries must not be disposed of in household waste (European Battery Law)! Please take the batteries to an official collection point or to the retailer for disposal.



Lithium Ionen

Electronic devices must not be disposed of in household waste. Please take the device to an official waste collection point or to the retailer.



CE - Erklärung

This product is compliant with the Directive 1999/5/EC. The relevant Declaration of Conformity is available at <http://www.o-synce.com>

Technical Specification

Bluetooth: 2402MHz -2480MHz

ANT+: 2457MHz

Max power: ANT+ : <1dBm ,Bluetooth : <6dBm

FCC ID: O4GUSEE

Model: USEE

FCC Statement

This device complies with Part 15 of the FCC Rules.

Caution: If any changes or modifications are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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.

The RF Exposure Compliance distance is 20 millimeters.

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

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We are not able to guarantee the completion,
correctness and accuracy of this document.

Design:

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