



# **User Manual**

## **English**

This manual covers all the details and explanations of the TEASI models  
TEASI one, TEASI pro and TEASI per volt.  
The specific sections of the devices are easy to identify.

# Teasi - User Manual

Ver. 3.3.1

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**TONE**

Affects only TEASI ONE

**TPRO**

Affects only TEASI PRO

**TVOLT**

Affects only TEASI VOLT

**TEASI**

Affects all models

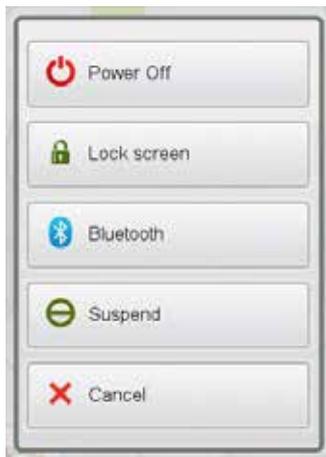
## 1. Getting to know your device



### Affects only TEASI PRO

Teasi Pro has 3 hardware buttons, two of them are placed on the left side of the device, one is on the bottom, below the display.

The lower button is responsible for switching on and off the device, and for locking the screen.



*Long pressing the power button*

Long pressing this button will pop up the menu allowing the locking or the powering on or off, and opening Bluetooth Settings menu (section 3.7.4.3.)

To reset your device, press and hold power button for at least 15 seconds, until the screen is completely black. After device is turned off, it can be turned on again.

When the screen is locked, no input can be taken besides pressing the power button again to unlock the screen, or power off the device. Under locked screen every navigation and process continues to run.

Upper button allows you to have a quick access to the most important screens of your Teasi Pro device: check Settings – System to see which screens can be set for quick access.

The button on the front of your device is for getting back in a menu, or getting to an upper level of the menu system.

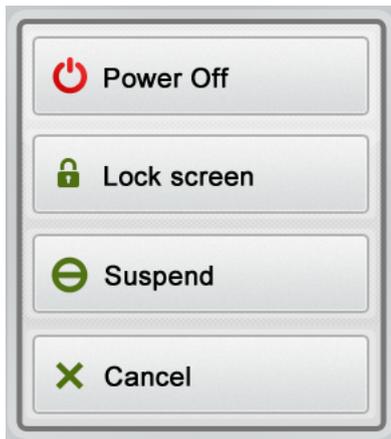
Most of the application flow is handled directly on the screen.

## TONE

Affects only TEASI ONE

Teasi One has 2 hardware buttons on the side of the device.

The lower button is responsible for switching on and off the device, and for locking the screen.



*Long pressing the power button*

Long pressing this button will pop up the menu allowing the locking or the powering on or off.

To reset your device, press and hold power button for at least 15 seconds, until the screen is completely black. After device is turned off, it can be turned on again.

When the screen is locked, no input can be taken besides pressing the power button again to unlock the screen, or power off the device. Under locked screen every navigation and process continues to run.

The upper hardware button is for getting back in a menu, or getting to an upper level of the menu system.

Most of the application flow is handled directly on the screen.

## T VOLT

Affects only TEASI VOLT

Teasi Volt has 2 hardware buttons on the side of the device.

The lower button is responsible for switching on and off the device, and for locking the screen.



*Long pressing the power button*

Long pressing this button will pop up the menu allowing the locking or the powering on or off.

To reset your device, press and hold power button for at least 15 seconds, until the screen is completely black. After device is turned off, it can be turned on again.

When the screen is locked, no input can be taken besides pressing the power button again to unlock the screen, or power off the device. Under locked screen every navigation and process continues to run.

The upper hardware button is for getting back in a menu, or getting to an upper level of the menu system.

Most of the application flow is handled directly on the screen.



**Affects all models**

### **Direct selectors**

Some of the settings can be chosen from only a few options. If the values can be described graphically or shortly enough, all values are available on the screen.



*For example the From GPS / Manual settings is a direct selector*

Tap one of the fields to choose the desired value.

## List selectors

When more options are available, only the actual value is shown; the current value can be changed by tapping on it. When tapped, a list will appear with the available options.



Tap on one option to select it.

## Sliders

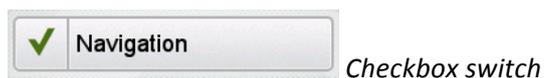
When a feature can have values that can be assigned to a scale, the software will show sliders that look like analogue potentiometers to set the desired value.



If the values are not shown, the values are increasing from the left to the right. You can select the right value by dragging the slider directly to the desired value.

## Checkbox switches

When a function can only be enabled or not, a switch is used. The field contains the name of the setting, and there is a tick on the right to show whether the function is active or not.



When the tick mark is not shown, then the function is disabled. When it is displayed, the function is enabled. Tap on the field to change the status.

## Virtual keyboards and numeric pads

As mentioned earlier, the main input method is via the touch screen.

This means that an on-screen keyboard (OSK), and numeric pad is needed for proper input possibilities.

## ABC keyboard

The keyboard is for any letter-based input.

The alphabetic keyboard in the software does not contain special characters, but they can be substituted with their simple versions.

This means that if you want to search for the city of “Münster”, you can simply type “Munster” to find it.



*The keyboard only allows possible characters to be tapped*

### **Numeric Pad**

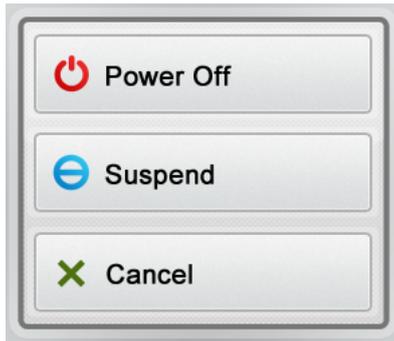
Entering numbers is possible via the numeric pad. It is also available from the ABC keyboard by the button “123”.



*Numeric keypad*

### **Power management**

Power management is for saving power for the device. If no movement is detected, and there is no ongoing recording, the device will ask whether to suspend or power off after the set time (default is 10 minutes).



*Suspend popup*

If suspend is chosen, the device will go to sleep mode, so that the ongoing recordings and processes will be paused, but they can be continued by waking up the device via the power button. If power off is selected, these processes will be ended, for example a recorded track will be saved with an end point where the device has been turned off.

### **Swipe function**

Swipe function is the right tool for fast and accurate navigation inside our software.

This function allows the user to get back to previous screen(s) easily.

The method is to tap on the top of the screen, and with a pulling move, move down thumb until previous screen is reached.



*Swipe function is by pulling down the previous screen from the top*

If you decide to stay on the same screen, just don't finish but reverse the movement.

*Note: This function is disabled on main screen.*

## 2. Starting the device

### 2.1. First Startup

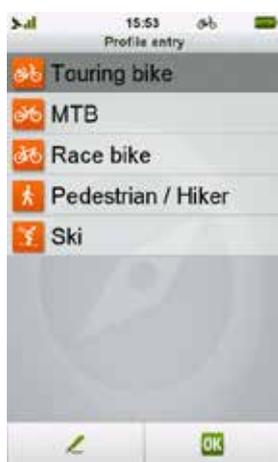
After the boot of the device and the initialization process have completed, the **language** selection screen appears.

Tap on a language to choose your own language, then tap OK (  ) button on the bottom to move to the next screen.

Supported languages are: Czech, Danish, Dutch, English, Finnish, French, German, Italian, Hungarian, Norwegian, Polish, Portuguese, Spanish and Swedish.  
See Settings – Language for details.

After selecting a language, the **End-User License Agreement** will show. After reading and accepting the EULA by pressing OK (  ) on the bottom of the screen, date & time screen will show.

It is also essential to set up your own **Profile** or select a preset one, so Teasi will be able to navigate using the most preferable roads for you.



*Preset Profiles*

See Settings – Accounts for details.

In the next step **Date and Time** format and value can be set by tapping on the fields.

Time and Date can be automatically set using the GPS signal.

Select your preferred Date (Day / Month / Year, Month / Day / Year, or Year / Month / Day), and Time (AM/PM or 24 hours) format, and if manual settings are chosen, then set the Date and Time.



*Date and time settings*



**Affects only TEASI ONE & Affects only TEASI VOLT**

## **2.2. Easy Mode – Full Mode**

At the end of the first startup, operating mode can be selected. The options are Easy mode, and Full mode.

The Easy mode is a compact layout with the essential features of the Teasi software, which makes the device a simpler, yet more effective and more comfortable tool to use.

Full mode containing all the features can be set again by selecting Full mode in Settings – System menu (3.8.2 in the manual).

In Easy mode you can access only Map, Search, Memory (and some limited, easier Settings) features.

In search, the Coordinates and Tours features are disabled as the most complex destination modes.

Tour navigation can still be started from Memory -> My Tours, or Imported Tours.

When startup procedure is completed, the main menu will welcome you, with a clock, a GPS signal icon, and battery strength indicator on the top of the screen.



Affects only TEASI PRO

### 2.3. Full Menu – Custom Menu

At the end of initial startup, and in System settings, you can change between Full menu, and Custom menu. Full menu contains all available features on the device, and Custom menu can be set to show only the essentials, thus gaining speed and comfort in everyday use of the device. Select “Enable Custom Menu” by ticking it, then tap on “Select Menu Items”.



*Selection of Custom Menu Items*

By default, Custom mode contains all available features.

Tap on a menu item to select / unselect it. If a red ‘X’ is shown next to a feature, then it will be hidden in the Main Menu.



Affects all models

### 2.4. Second and further startup

After the initial startup, the device boots directly into the main menu.

You can change the values set in the first startup in the settings submenu, covered later in the manual.



Affects only TEASI VOLT

## 2.5. Connection to E-bike

Since Teasi Volt is especially made to work with connections with E-bikes, menu behavior is set to adapt to both connected and not connected situations.

In addition to the main menu changing (section 3.), the status bar is also changed in style and provided information.



*Menu layout, status bar, and Computer info with connected E-bike*

On the status bar the E-bike profile icon is shown, and the battery percentage shows the e-bike battery status, not the device.

*Note: Teasi Volt device is charging while connected to E-bike.*

*Computers are also expanded to handle E-bike related information – explained in section 3.6.1.*

### 3. Main Menu

## T ONE

Affects only TEASI ONE



*Main Menu of BikeNav Teasi One*

From the Main Menu you are able to access all the feature of Teasi.  
In the next sections you will be able to learn what you are able to do with this device and have the most beautiful experience during your outdoor activity.

## T PRO

Affects only TEASI PRO



*Main Menu of BikeNav Teasi Pro*

From the Main Menu you are able to access all the feature of Teasi.  
In the next sections you will be able to learn what you are able to do with this device and have the most beautiful experience during your outdoor activity.



Affects only TEASI VOLT

From the Main Menu you are able to access all the feature of Teasi.

Main menu in Teasi Volt is displayed in 2 different ways:

When there is no connection with E-bike, the map button will be transparent, displaying the underlying map of current location for easier orientation.



*Main Menu of BikeNav Teasi Volt without E-bike connection*

When there is a connected E-bike transmitting data, the main menu changes to provide information about the status of the E-bike. In this case the bike computer is transparent so battery information of E-bike is visible from the main menu.

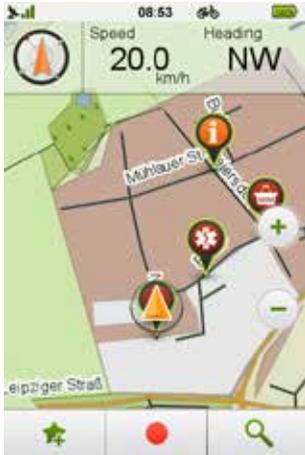


*Main Menu of BikeNav Teasi Volt with E-bike connection*



Affects all models

### 3.1. Map



Map screen

Map is the core of Teasi, displaying the road network and your current location on this map.

It gives you also basic information about your tour and during the navigation it shows you all the details about your routing.

When there is no navigation on-going, on the top of the screen you can find a compass, and two changeable fields: by default they are 'Speed', and 'Distance to Destination' (which actually shows you information when you are navigating to reach a target place).

They can be easily changed by tapping on them and choosing from the upcoming list of available computers.

Map can be panned by tapping on it, and zoomed in and out via the zoom buttons (



Jumping back to the current location is possible by the current location button (  ).

These buttons will disappear after a while; they can be brought back by tapping on the screen again.

At the bottom of this screen there are additional buttons: your current location can be stored as favorite (  ) (this button will prompt whether to save as a favorite), you

can start to record your tour (  ) (when you are moving, a red line will show your recorded path), and you can open the Search menu also from the Map screen (  ).

When there is an ongoing recording, a point can also be saved as a POI, not only as a favorite. This way it will be attached to the track, and can be opened through the track itself (Memory → My Tours).



*Add point as POI or Favorite*

During **Navigation** the behavior of the Map screen is slightly different.



*Map screen during Navigation*

In the upper left corner you will get the next turning instruction to be followed, with the distance to the turning point.

Next to it there are still the two bike computers that provide information about your activity.

They can be easily changed by tapping on them and choosing from the upcoming list of available computers.

The map can still be panned and zoomed.

At the bottom of the screen you can see the altitude graph of your route. You will be able to see on the graph your current position and which part is still ahead. You can hide the altitude graph by dragging on the left of the screen, or tap back to show it again.

Points of Interests, alias POIs can be displayed and selected on the map. The POIs will be shown on map when the right settings are used (this is better explained in Settings – Maps chapter).



Map Screen with POIs

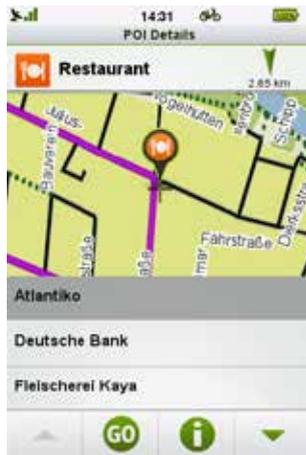
To select a POI on map, tap on a POI indicated visually by its category icon.



POI Details

This way the POI Details screen is opened, showing useful information (name, address, direction) about the POI. Tap on 'Go' icon to start navigating, and tap on 'Map' icon to show on map.

When more POIs are close to each other, they are visually grouped with this sign: . Tapping on this icon will open the Multiple POI selection screen.



*Multiple POI selection*

This screen lists the POIs available in the vicinity of the tapped area. Tapping on one of them will bring the map over the location of the desired POI. When the right POI is selected, tapping on 'Go' (  ) will start routing, and tapping on information (  ) will bring up the POI Details screen.



*POI Details*

*Note: POIs without name will show their category as a name (for example "Café/Pub"). To separate POIs with same name you can use their address, or direction.*

Favorites can also be shown on map.



*Favorites shown on map*

The favorites will be shown on map, if the right settings are used (this is better explained in Settings – Maps chapter).

The favorites can also be grouped when they would fit next to each other.



A group of favorites will be shown by the sign:  Tapping on it will result in a list containing nearby favorites.



*Favorite POI Details*

This screen lists the Favorites available in the vicinity of the tapped area. Tapping on one of them will bring the map over the location of the desired Favorite. When the right Favorite is selected, tapping on 'Go' (  ) will start routing, and tapping on information (  ) will bring up the Favorite POI Details screen.

When a track is saved as a favorite, navigating through map will navigate to the start point of track. To navigate not just to the track, but also on the track, select it from the Favorites in Memory, as discussed in 3.2.2.

### 3.1.1. Recursive Height Analysis (RHA)

Teasi Volt uses Recursive Height Analysis (RHA) for accurate e-bike range calculation and display.

In this way the areas that can be reached with current battery level are presented on map screen.

The area covered by the RHA darkens as getting further from current location. These areas can also be reached, however more battery will be drained during the process.

Locations outside the RHA area cannot be reached with the current charge available in the battery and the current assist level in use.



*Map display with Recursive Height Analysis (RHA)*

RHA calculation can be turned on -  , or can be turned off -  inside the Map Screen.

Calculation of RHA area is also indicated on this button, when calculation is over, the RHA layer is displayed.

### 3.1.2. Suggested Assist Level Popup

When current assist level is too high based on battery capacity and remaining distance to destination, Teasi Volt will notify about this problem and offer a new assist level that is calculated to be sufficient for finishing the route.



*Warning to lower assist level for reaching destination*

If there is no assist level that lets the user finish the route, a recalculation will be started for a route that can be finished with currently remaining battery level.



*Recalculating route for optimal battery saving*

If there is no possible route that can be completed with the current battery level, the application will warn that “Not enough battery power to reach the destination. You still have power for the next X km/miles at the lowest assist level”, where X is calculated based on the current available battery.



**Affects all models**

### **3.1.3. Navigation Popup**

If you have an ongoing navigation, but the device is not on the map screen, and a turning instruction is approaching, the device will show a popup message with the related instruction.



*Navigation Popup*

If you tap on the instruction itself, the map screen will be displayed to show the details of the navigation.

If you tap outside of the popup, it will just fade away and you will return to your previous screen.

### 3.2. Memory

Memory is the menu where you can reach your own Tours and Favorite places you have stored on Teasi.

Opening this menu, you have the possibility to choose between “My Tours”, “Favorites”, “Imported Tours”, “Imported POIs” and “Statistics” submenus.



*Memory*

#### 3.2.1. My Tours

**My Tours** contains all your tours recorded with the Teasi device or the routes you have planned and saved.



*My Tours*

On the bottom of the screen you can choose to order the tours by distance (  ) (this way the shortest tour will be on top), or by time (  ) (this way the latest tour will be on top).

You can browse the list via the up and down arrows that are only available if the list contains at least 9 items.

The tours are recorded with the timestamp as a name, so they can be easily identified later.

Tap on a tour to see its details, and modify it. On the first tap it will be shown on the map.



*Details of the Tour shown on map*

To change its name and type, tap on the name on the top of the screen.

After changing the values, press OK (  ) to commit your changes.

On the bottom of the details screen there are additional options.

With the arrows (  and  ) you can see further data about the track, altitude and speed graphs are available.

With the “Go” button (  ) you can start navigation to the track, and with the bin icon (  ) you can erase the track from your device.

The tours are saved in GPX and FIT format, and can be drag and dropped to computer or bikemap.net account via Teasi Tool.

Tracks can be: Imported, Exported, Uploaded, and back up can be made of tours recorded by the user.

Further information about connecting Teasi device to computer can be found in chapter 4.

### 3.2.2. Favorites

**Favorites** shows your favorite places that you have stored on Teasi.



*Favorite Tours and POIs*

This can be achieved in three ways: you can save your positions from the Map or you can store Point Of Interests (POIs), Addresses or coordinates as a favorite also. The third way is to add a tour to favorites. The track will be copied into favorites.

On the bottom of the screen you can choose the sorting method by alphabet (  ), reverse alphabet (  ), or by time (  ) (this way the latest favorite will be on top).

You can browse the list via the up and down arrows that are only available if the list contains at least 9 items.

Tap on a favorite to see its details, and modify it. On the first tap it will be shown on the map.



Details of Favorite shown on Map

To change its name and type, tap on the name on the top of the screen.



Edit Favorite

After changing the values, OK (  ) commits your changes.

On the bottom of the details screen there are additional options. You can start navigation to the favorite item, and with the bin icon (  ) you can erase it.

*Note: Erasing a track from favorites doesn't erase the track itself.*

### 3.2.3. Importing Data & TEASI Tour

#### 3.2.3.1. Imported Tours

**Imported Tours** contains the tracks that weren't recorded on your device but created elsewhere and imported via computer. If you don't have any yet, the device will notify you.



*You can download GPX tracks to the device*

#### **To import tours:**

The simplest and easiest way for importing tours is connecting the device to computer via Teasi Tool. With Teasi Tool tracks can easily be drag and dropped or copied to and from the device, even from bikemap.net directly.

Usage of Teasi Tool is explained in chapter 4.

#### **How to import tours manually:**

Connect the Teasi device to a computer.

Create a folder on the device inside the BikeNav folder called "ImportedTrips", if not already existing.

All imported tours must be placed here ("**BikeNav\ImportedTrips**") to be able to see them on the Teasi device.

#### **How to import tours from SD card:**

Open the SD card on your computer.

Create a folder on the SD card inside the BikeNav folder called "ImportedTrips", if not already existing.

All imported tours must be placed here ("**BikeNav\ImportedTrips**") to be able to see them on the Teasi device.

When you have imported tours, these will be shown inside this area.



*Imported Tours*

On the bottom of the screen you can choose the sorting method by alphabet ( **A-Z** ), reverse alphabet ( **Z-A** ), or by distance (  ) (this way the shortest route will be on top).

You can browse the list via the up and down arrows that are only available if the list contains at least 9 items.

The tours are recorded with the timestamp as a name, so they can be easily identified later.

Tap on a tour to see its details, and modify it. On the first tap it will be shown on the map.



*Tour details*

To change its name and type, tap on the name on the top of the screen. After changing the values OK ( **OK** ) commits your changes.

On the bottom of the details screen there are additional options.

With the arrows (  and  ) you can see further data about the track, with the “Go” button (  ) you can start navigation to the track, and with the bin icon (  ) you can erase the track.

When an imported track is presented with an icon with a green number on it (  ), it means the track is a TEASI Tour *track*, that contains additional data compared to a regular track, such as POIs with Pictures and descriptions.

### 3.2.3.2. TEASI Tour

TEASI Tour tracks are extended tours that are based on regular GPX files, but they may contain numerous additional features such as:

- Track description
- Track picture
- TEASI Tour POIs with picture and description

Teasi also has an integrated connection with the bikemap.net and wandermap.net websites, therefore any track created or stored on those sites can be easily imported to any Teasi device via Teasi Tool that can be downloaded from [www.teasi.eu](http://www.teasi.eu) website.



Inside Teasi Tool Select “Tours” → “Bikemap.net/Wandermap.net” (  ) to log in or register to bikemap.net, or you can visit [www.bikemap.net](http://www.bikemap.net) to manage your tracks, or to add already existing ones to favorites

After importing, on device open Memory -> Imported Tours to see TEASI Tour tracks.



Imported Tours containing TEASI Tour tracks with pictures and POIs

Tracks containing pictures and POIs are TEASI Tour tracks.

Tap on the track to see its overview.



Overview of TEASI Tour track

Track can be renamed by tapping on name of the track



Editing name and type of track

Press right arrow (  ) for tour details



On the overview, tap onto a POI, or group of POI then info button to see its details.



*TEASI Tour POIs in track*

*(second screen contains only description)*

To preview a POI on map, press the map icon.



*Map preview of Teasi Tour POI*

On the tour overview, Select left or right arrow (  and  ) to see additional details of the track.

### 3.2.3.3. Imported POIs

**Imported POIs** contains the POI categories that weren't already on this device but created elsewhere and imported via computer.

#### To import POIs:

1. Connect the Teasi device to a computer.
2. Create a folder on the device inside the BikeNav folder called "ImportedPOIs", if not already existing.
3. All imported POIs must be placed here ("**BikeNav\ImportedPOIs**") to be able to see them on the Teasi device.

The import started successfully when the following screen appears on next startup:



*Importing POIs*

When you have imported POIs, these will be shown inside this area.



*Imported POI categories*

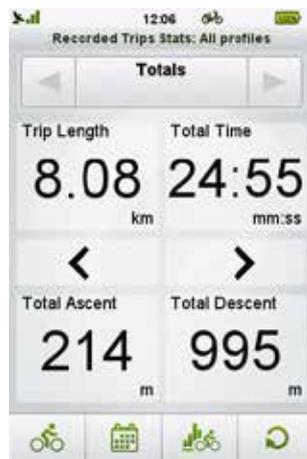
Tapping on , edits the selected Category's icon.

On the bottom of the screen you can choose the sorting method by alphabet (  ), reverse alphabet (  ), or by distance (  ) (this way the closest POI will be on top).

You can browse the list via the up and down arrows that are only available if the list contains at least 9 items.

### 3.2.4. Statistics

Statistics is the tool that shows you a summary of your activity.



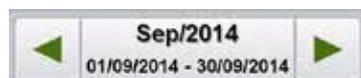
Statistics screen

Statistics can summarize all user related data based on profiles, time, and only on-track (recorded tours), or off-track data included (all information since first power up / last reset).

By default, the device shows the totals of recorded track on all profiles. These settings can be changed in 3 different ways:

- Tapping on the Profile button (  ) each profile can be selected for examination, or "All" covers every value of each profile aggregated.

- Tapping on the calendar (  ) different time intervals can be chosen (Totals / Year / Month / Week / Day). When a time interval is selected, it will be shown on the top of the screen.



Tapping on this field results a date selector window, where the needed date can be selected.



You can increase with plus, decrease with minus sign. Accept the changes with tick sign, cancel with 'X'.

The upper text matches the unit of the selected time interval (for example 1/2014 gives the first week of 2014), and the lower one tells the exact interval.

- Tapping on the data source selector (  ), two different sources can be selected:



*Statistics type of data*

- Recorded track data shows the aggregated values of the recorded tracks on the device
- All data informs about all collected data since the device was first powered on / was reset.

Select by tapping on the radio button next to the desired option.

Changing between different screens with different fields can be done by tapping on the arrow to the left or to the right.

Values can be reset by the reset button – (  ).

### 3.3. Fitness

Fitness option allows you to set a route based on some parameter you would like to put the emphasis on. These parameters can be divided into two sections. You can set for how long do you want to train, or you can set the intensity of your training. Two different parameters can be chosen, giving flexible, and customizable interface for best user experience. The guidelines of the training will be set based on the two parameters set manually. To change the initial numbers on a parameter, tap on it, and set the desired value. The other parameters will change correspondingly. For example setting a higher Speed will result in lower Pace, and higher Distance, and Calories values.



*Fitness can be set by Distance, Time, Speed, Pace, and*

*Calories*

Calories can also be set by selecting an item from a list of foods and beverages. Tapping on 'Calories' makes the list appear.



*List of food and beverages*

*Tap on an item to select its Calorie content as a target value for your Fitness training.*

When the values are set, three different methods can be selected for training. Pressing 'Go' starts the training without any additional navigation. The route of the training depends only on the user. You can also plan a route with the given parameters, by selecting the "Plan route" option. Please refer to chapter 3.5 for further information about "Plan route" function.

Parameters based on how long should the training last are Distance, Time, and Calories.



*Training by Distance*



*Training by Time*



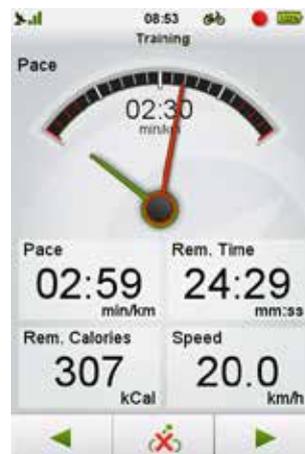
*Training by Calories*

On these screens the upper half of the screen is responsible for displaying the remaining units from the training, with visual aids indicating the estimated progress of the workout. Placed lower on the screen are the computers. Tap on a computer to access the list of the available tour computers to customize the training screens to be as informative as it gets.

Parameters based on how intense should the training be are Speed, and Pace.



*Training by Speed*



*Training by Pace*

The upper half of these screens shows the current intensity of your training. Speed and Pace screens also show the average speed/pace on the short hand, so it can be easily compared to the current values indicated by the long hand. The computer tours on the lower half on the screen are also changeable by tapping on them.



Affects only TEASI PRO

### 3.4. Training

Training option allows you to set a route based on some parameter you would like to put the emphasis on. These parameters can be divided into two sections. You can set for how long do you want to train, or you can set the intensity of your training. Two different parameters can be chosen, giving flexible and customizable interface for best user experience. The guidelines of the training will be set based on the two parameters set manually. To change the initial numbers on a parameter, tap on it, and set the desired value. The other parameters will change correspondingly. For example setting a higher Speed will result in lower Pace, and higher Distance, and Calories values.



*Training can be set by Distance, Time, Calorie, Speed, Pace, or Heart Rate Zone*

When the values are set, three different methods can be selected for training.

Pressing 'Go' starts the training without any additional navigation. The route of the training depends only on the user.

You can also plan a route with the given parameters, by selecting the "Plan route" option. Please refer to chapter 3.5 for further information about "Plan route" function.

Additionally, pressing the right button on the bottom of the screen (  ) makes "My Tours" available, so the trainings can be routed to a previously recorded, or imported track. Tap on a track to route the training based.

To race track (more information in section 3.3) select the 'Race' icon (  ), to simply train tap 'Map' icon, and then 'Go'.

Parameters based on how long should the training last are Distance, Time, and Calories.



On these screens the upper half of the screen is responsible for displaying the remaining units from the training, with visual aids indicating the estimated progress of the workout. Placed lower on the screen are the computers. Tap on a computer to access the list of the available tour computers to customize the training screens to be as informative as it gets.

Parameters based on **how intense** should the training be are **Speed, Pace, and Heart Rate Zone**.



The upper half of these screens shows the current **intensity** of your training. Speed and Pace screens also show the average speed/pace on the short hand, so it can be easily compared to the current values indicated by the long hand.

On the HR Zone screen the Heart Rate Monitor is shown with the previously recorded data. The computer tours on the lower half on the screen are also changeable by tapping on them.

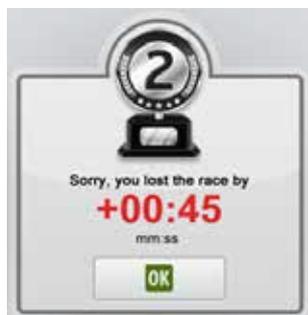
### 3.4.1. Race Training

It is also possible to start race on a previously recorded training. This way a 'ghost racer' will be shown during navigation, displaying the progress from the previous recording. The actual difference is shown in time and in distance also.



*Race training*

To reach race training function select a track from track list in training. Press the right button on the bottom of the screen (  ), select a track, then tap on 'Race' (  ). After the race started, the device will guide through the recorded track, showing the position compared to the opponent. At the end of the race, the results are shown.



*Race results*



Affects all models

### 3.5. Destination

Destination menu is implemented in a complex, yet simply understandable way to make finding any particular address or location in an easy way.



*Search Destination*

#### 3.5.1. Address

**Address** search is to find a location by its postal address.

You can specify each detail to find the location you are looking for.

New address selection has a simple method:

First, **Country** has to be chosen. Tap on the button to change, and browse the available countries with the up/down arrows (  and  ).

Next step: select **City/Postal code**.



*Enter City in Address Search*

By tapping the field under the city/postal code the virtual ABC keyboard will appear. You can start typing the city you are looking for, and only the possible next characters will be available on the keyboard, thanks to the predictive input engine.



*Enter City via keyboard in Address Search*

In the text field on the right you can find a number in brackets that shows the number of the available cities that match the entered characters. If the number is fewer than 500, the list button appears, and by clicking on it the list of available cities is shown.

You can move up and down in the list with the up and down icons (  and  ) if there is more than 8 cities in the list.

If less than 8 items are left, the list pops up automatically.

You can also select the city by postal code.

Whenever you need to enter a digit instead of a character, you can switch to the numerical keypad by pressing the “123” keyboard button.

Tap in the list the selected City.

Next step: select **Street**.



*Enter Street in Address Search*

By tapping the field under the street the ABC keyboard will appear. You can start typing the street you are looking for, and only the possible next characters will be available on the keyboard, thanks to the predictive input engine.



Enter Street via keyboard in Address Search

In the text field on the right you can find a number in brackets that shows the number of the available streets that match the entered characters. If the number is fewer than 500, the list button appears, and by clicking on it the list of available streets is shown.

*Note: Some small cities have only their City Center available, thus not containing any street information. In these cases the City Center of the city will be used as the destination point.*

You can move up and down in the list with the up and down icons (  and  ) if there are more than 8 streets in the list.

If less than 8 items are left, the list pops up automatically.

Tap in the list the selected Street.

Next and final step is the **house number**.



Enter house number in Address Search

When tapping on the house number field the virtual numeric keypad activates.

On this keypad you can enter the house number you are looking for.

If the house number is not valid, the device will ask whether it should target the center of the street itself.

*Note: You don't need to enter all the details. Without house number the center of the street will be used, and without given street name, then the center of the city will be used (the latter may not work in smaller cities).*

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After the address is selected, "Start navigation" screen will appear.



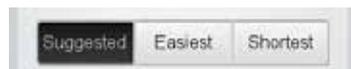
*Destination details*

On the upper side of the screen the selected address and the distance is calculated. Until the distance is calculated the beeline distance is displayed.

A graph with the altitude outline will be shown after calculation.

*Note: Teasi is able to calculate routes that are far not more than 300 km (beeline) from your current position. If the beeline distance is above 300 km, then you will be warned.*

Teasi application proposes three alternative routes.



*Alternative route selector*

The "Suggested" path gives the best combination of roads, paying attention to optimize the type of roads (based on user profile), hardness and length of the route.

The "Easiest" option calculates the route to meet the least difficulties on the road, avoiding too sharp altitude changes, for example.

The “Shortest” option will take the user to the destination using the shortest available path, regardless of the difficulty of the route.



Affects only TEASI VOLT

When the desired address is selected, a Destination – GO screen is displayed with preliminary route information and Current Assist Level – the base of this calculation. When Current Assist Level is changed, the new calculated route is shown with the changed assist level.



*Navigation plan with Current Assist Level and ECO mode*

A coloured line under the altitude graph will display the battery charge evolution during the course of the navigation.

When Destination cannot be reached with current battery level, the unreachable part of the elevation graph will be shown in red, with an empty battery icon as indication.

If you still press ‘Go’ then you will be warned you might have problems to reach your destination:



*Battery level is not enough to reach destination*

Selecting 'Yes' will start navigation, and selecting 'No' will make new destination selection available.

On the upper side of the screen the selected address and the distance is calculated. Until the distance is calculated the beeline distance is displayed. A graph with the altitude outline will be shown after calculation.

*Note: Teasi is able to calculate routes that are far not more than 300 km (beeline) from your current position. If the beeline distance is above 300 km, then you will be warned.*

Teasi application proposes three alternative routes.

The "Suggested" path gives the best combination of roads, paying attention to optimize the type of roads (based on user profile), hardness and length of the route.

"ECO mode" calculates routes that use the least amount of energy, this way making the e-bike last for the longest possible.

The "Shortest" option will take the user to the destination using the shortest available path, regardless of the difficulty of the route.



#### Affects all models

By tapping on one of the three possibilities, the device will show the route that belongs to that option. When on the Details screen, the Altitude profile will be shown, and on Map Preview the map of the calculated route itself is available.

At the bottom of this screen there are 3 buttons.

By tapping the "Star" button (  ), the address is added to favorites.

By tapping the "Go" button (  ) navigation starts immediately.

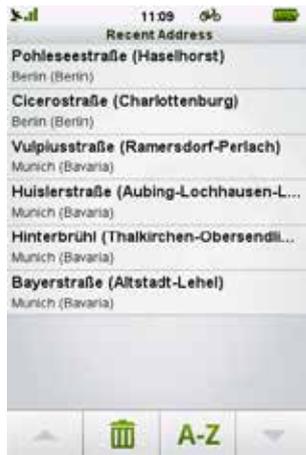
By selecting the map icon (  ) the map will show with the preview of the calculated route.

If you are in preview mode you can see a colored preview of the calculated route. Also on this screen it is possible to choose an alternative route.

If you want to start navigation, just press the "Go" (  ) button.

If you want to get back to the previous screen, press the back button.

A list of the previous address searches can be reached by tapping on the recent addresses button on the bottom of the screen.



*Recent Addresses*

If there are more than 8 addresses, you can go through them by the up/down buttons (  and  ).

A star (  ) means that the address has been saved as a favorite too.

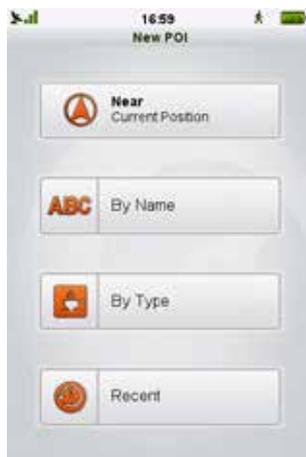
You can sort the list with the “A->Z” button (  ).

The ordering options are: from A to Z (  ), from Z to A (  ), or Time (  ) (most recent searches on the top).

With the bin icon the recent addresses can be cleared after a prompt question.

### 3.5.2. Extended POI Search

You can also search for **POIs**, by tapping the POI icon inside the Search menu. Extended POI search further expands the capabilities of regular POI searching, by giving new base locations for POI search.



*You can search by Name, by Type, or you can browse the recent POI searches with “Near...” search location can be set*

When “Near...” is pressed, the base options for searching are presented



“Near...” categories

“Near...” categories are: Current Position, Map Point, Address, *Planned Route*, and *Destination*

*Note: Planned Route and Destination are only present if currently available!*

Use “Current Position” for default POI search – using actual location as a base.

Map Point and Address search “Near...” categories work exactly the same way as in destination selection.

After “Near...” is set, POI Search should be started by selecting search mode.

You can search by Name, by Type, or you can browse the recent POI searches.

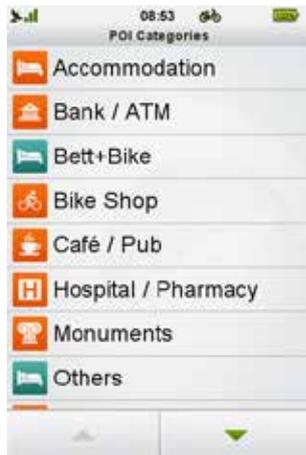
Searching by name, the name or part of it has to be inserted via the ABC keyboard. Input method is similar to what already described for Address Search.



Searching POI by Name

Searching by Type, a list will show the available categories, and the desired one should be selected.

Also Categories from Imported POIs will be listed here.



*POI Search by Type*

Recent searches can be ordered by alphabet (  ), reverse alphabet (  ), or by time (  ) (most recent search will be on top).

They can be also erased by the bin icon (  ).



*Recent POI searches*

POIs are always searched around your current position and when you will get a list of the matching items, you will get the beeline distance from the POI.

When you have selected your desired item, then the “Start Navigation” screen will be displayed, as already explained inside the Address Search.

### 3.5.2.1. Ski POI Categories

For easier navigation in any Ski Resort, Teasi comes with additional Ski related POIs.

These categories are: Ski Lifts, Ski Schools, Ski Shelters.



*Ski-Related POI Category*

Select Ski category to browse the near Ski venues.

### 3.5.3. Favorites

You can also search your **Favorites**, by selecting the Favorites icon in Search.

A list will appear with your saved locations.



*Search by Favorites*

Favorites can be ordered by alphabet ( **A-Z** ), reverse alphabet ( **Z-A** ), or by time (  ) (most recent search will be on top).

When you have selected your desired item, then the “Start Navigation” screen will be displayed, as already explained inside the Address Search.

### 3.5.4. Map Point

Search based on a **Map Point** is also available.

This option will bring up a map that can be panned and zoomed.



*Search by Map Point*

Tap on the map to select your target destination. A checkered flag will be displayed.

If the point is right, then just press “Go” to move to the “Start Navigation” screen, as already explained inside the Address Search.

### 3.5.5. Coordinates

In the **Coordinates** menu you can manually insert the coordinates of your target destination.



*Search by Coordinates*

Enter the Latitude coordinate inside the “Latitude” field.  
You can change between North and South with the “N/S” button.

Enter the Longitude coordinate to the “Longitude” field.  
You can change between East and West with the “E/W” button.

Multiple coordinate formats can be inserted:

Degrees, minutes, seconds:	40° 25' 46" N	79° 56' 56" W
Degrees, decimal minutes:	40° 25.767' N	79° 56.933" W
Decimal degrees:	40.256° N	76.962° W

Coordinates can be entered in one of the three formats, virtual keyboard will adapt to the format during the input.

For example, if decimal degrees are to be used, use punctuation after the degrees, and ° as closing item for the coordinate.

If you want to add the minutes or seconds instead of fraction of degrees, ' (after minutes) and " (after seconds) should be used.

When you have entered the coordinates, then the "Start Navigation" screen will be displayed, as already explained inside the Address Search.

### 3.5.6. Tours

You can also search your **Tours**, by selecting the Tours icon inside the Search menu.

A list will appear with your saved tours, both local, and imported ones.

Tours can be ordered by distance (  ) (the shortest will be on top), or by time (  ) (most recent search will be on top).

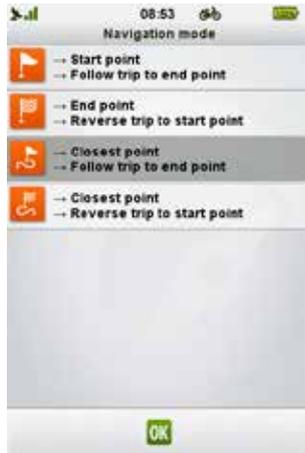
They can be also erased by the bin icon (  ).

When you have selected your desired item, then the "Start Navigation" screen will be displayed, as already explained inside the Address Search, but with some further possibilities to customize the tour.



*Start Navigation to a Tour*

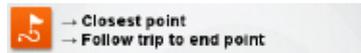
Additional options are present, based on the tour details (location, direction), and current location:



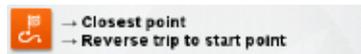
Selecting this option allows routing from the current location to the start point of the desired track, then navigation will be continued on the tour until its end point.



This option reverts the navigation, going first to the end point of the tour, then guiding till the original start point.



This option guides the device to the closest point from current location of the selected tour, then navigates to the end.



The last option is for getting to the closest point from current location, then navigating the tour in reverse mode to the original start point of the tour.

Selection of suggested/easiest/shortest route, and previewing on the map works as in all the other navigation cases.

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### 3.5.7. Multiple Destinations

Multiple Destinations feature makes several locations available to be added to one route.

This way, navigation will route through the multiple points added as targets to be reached.

This list can be saved, edited, new points can be added, points can be moved and deleted during navigation.

Adding more than one destination can be done in several ways.

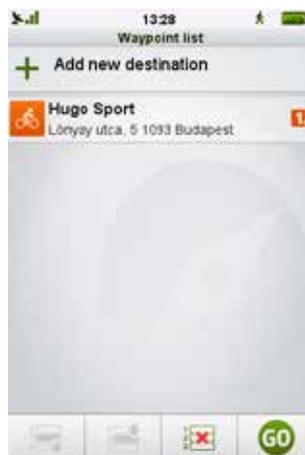
When a single destination is selected, further target locations can be added by tapping on the “add next destination button” (  ) on the bottom left of Destination – Go screen.



*Destination – GO with additional Multiple Destination feature*

When the “Add another destination” button is pressed, the Waypoint list is shown, with the previously set destination as first item of the list (thus the first destination to reach).

Any further destination will be added to the waypoint list, this way the list will contain all set destination in a manageable way.



*Waypoint list from Destination - Go*

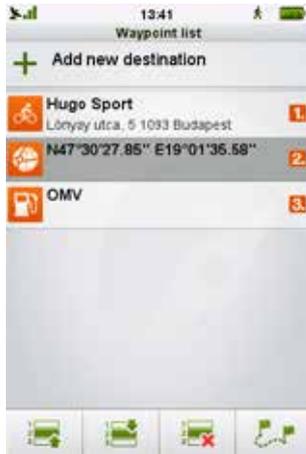
Another destination can be added by tapping on this button:



This will bring up the Destination screen again. Any type of target location selected will be added to the list as next item, and routing (if there was an ongoing navigation) will now be calculated further, navigating to the new endpoint.

*Note: Adding route to Multiple Destination is not supported*

Currently up to 7 items can be added to Multiple Destinations. Tapping on an item will select it for manipulation in the list.



*Selected destination can be moved in list or deleted from it*

The selected destination can be moved up  or down , or can be deleted from the list .

If there is no destination selected, and 'Delete'  is pressed, the list will be emptied. If there was an ongoing navigation first it will be stopped, then list can be cleared.

*Note: Already reached destinations cannot be manipulated.*

When there is more than one destination point in the waypoint list, the 'calculate route'  button is present.

Pressing this button will show the calculated route between the first and the last point.



Plan – Go screen

Note: This calculation does not include current location. This feature is to save the tracks for future use.

To save the track, just press the 'Save' button . The application will inform if saving is successful.

To see the route on the map before any other operation, press 'Map Preview'



To use the calculated route immediately, just press 'Go'  on this next screen again

This will give a new calculation that contains routing from current location to the first point of Multiple Destinations route.

This route can also be saved by tapping on the 'Save' button , can be previewed by selecting 'Map Preview' .



Map preview of Multiple Destination route from current location

Press 'Go' on either Map Preview or Multiple Destination – Go for starting the navigation.

Progress of destinations being reached will be shown on map screen on the altitude graph:



*Ongoing Multiple Destination navigation*

The already passed destinations will be green in the waypoint list also.



*Waypoints that have their number in green have already been passed*

### 3.5.8. Ski Destination

Route calculation in Ski mode (3.8.4.2. – Ski Profile) offers the possibility to navigate onto and between pistes and ski lifts.



*Ski – Destination – Go screen*

Ski destination can be used with 2 different routing method:

- **Suggested** (*default*) route will use only pistes that are available based on your route settings (min. – max. experience level)
- **Shortest** will use every piste that not exceeds the max experience level set for the current profile.

*Note: Routing will only happen when correct settings are used! Not only experience level, but proper ski type has to be used.*

*For example: Downhill profile will not route on SkiTour and Nordic pistes.*

If route calculation is not possible, the altitude graph will be empty, and on map preview the beeline to the target point will be shown.



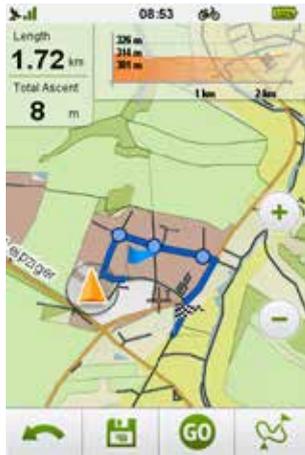
**Affects all models**

### 3.6. Route

Route is our unique feature to create individual tracks in real time – on your Teasi device.

You can easily create your routes with few steps:

When you select this option from the Main Menu, a map will be displayed



*Plan Route (Fitness mode)*

Tap on the screen to create a start point for the track (you can pan and zoom to choose the preferred location).

If you tap the screen inside the circle that identifies your current location, then the starting point will be automatically set to your current location. Start point will be displayed on the map with a blue flag.

Tap on the map to select additional waypoints to customize your track.

If you want to make a circular route that ends on your starting point, then just taps the screen close to the blue flag and Teasi will automatically calculate a circular route.

There are additional options on the bottom of the screen:

- Last entered waypoint can be removed by the back button (  )
- The created track can be saved via the floppy button (  )
- Navigation on the planned route (or to the first point of the route, if the start point is not the same than current location) can be started with the “Go” button (  )
- Alternative routes can be generated by tapping on the alternate route button (  )

On the top of the screen an altitude graph is available to see the altitude outline during the route.

On the left you can see the length of the calculated route and the total ascent of the track. This last field is changed to “Remaining distance”, when the Route was started from inside the **Fitness** menu.

When you start the Route planning from the Fitness menu, this function has also some other characteristics: your current position will be the start point of your route, and you will see the blue flag on your GPS location.

Also, a blue circle will be displayed around the last entered waypoint to show approximately how far the route can go to fulfill the Fitness requirements you set.

### 3.7. Computer



Affects only TEASI VOLT

#### 3.7.1. E-Bike Computer

Teasi Volt comes with a special computer screen that contains the most valuable information for E-bike: Battery, Range, Engine Power, Assist level, and Current Speed of E-bike.

The centerpiece of the screen is an interchangeable element that can display battery in percentage or range in distance.



*E-bike computer screen with switchable Battery/Range*

*feature*

E-bike Computer screen also shows the power input from E-bike and also from user.

The arc shaped on top shows the power input from 0W to 500W.

The green part of the scale is the human effort, and the orange part is the power given by the e-bike.

Tap on the centerpiece to change between range and battery display.



Affects all models

### 3.7.2. Dashboard

Computer is a configurable tool that displays useful data since the device was first powered on / was reset.

In general, two kind of data are available: the aggregated ones (max speed, all distance covered, etc.), and the momentary ones (current speed, altitude, etc.).

The aggregated values can be reset by tapping the reset button (  ).



*Bike Computer with customizable data fields*

Two, three or six **bike computer** screens are built inside this function, depending on the chosen layout.

Changing between them is possible with the arrows on the top of the screen.

The layout settings can also be changed by tapping on the layout button (  ).

These 12 fields can be changed by tapping on them.

You can browse the list via the up and down arrows.

By tapping on the new item, the field will change accordingly.

With the buttons at the bottom of the screen you can reach other options of this

function: you can start/stop recording with the recording icon (  ), or move to the **Speedometer** and the **Compass** screen by selecting the arrow buttons.

### 3.7.2.1. List of Available Teasi Computers

Active Time	Time spent moving when recording
Altitude	Height of position compared to sea-level
Arrival Time	Your estimated arrival time
Average Active Speed	Your average speed based on time spent moving
Average Pace	Your average pace (time to ride one kilometer or mile)
Average Speed	Your average speed (including pauses)
Calories	Calories burnt
Climb left	Remaining uphill climb on current navigation route.
Device Battery	Battery percentage left
Distance to Destination	Distance to Destination (needs ongoing navigation)
Distance to Next Turn	Distance to Next Turn (needs ongoing navigation)
Distance to Tour	Distance to reach your loaded Tour (needs ongoing navigation to Tour)
Grade	Degree of inclination of the road
Heading	The course or direction in which the device is moving
Latitude	Your Latitude position
Length	Distance covered
Longitude	Your Longitude position
Maximum Altitude	The highest Altitude reached by the device
Maximum Pace	The maximum reached value of Pace
Maximum Speed	The maximum reached value of Speed
Pace	Current pace (time to ride one kilometer or mile)
Speed	Current speed
Sunrise	Time of Sunrise of the current day
Sunset	Time of Sunset of the current day
Time of Day	Current time
Time to Destination	Estimated time to destination (needs ongoing navigation)
Time to Next Turn	Estimated time to next turn (needs ongoing navigation)
Total Ascent	The sum of all vertical units of those parts of the track that ascents.
Total Descent	The sum of all vertical units of those parts of the track that descents.
Total Time	Time since training started.



Affects only TEASI ONE & Affects only TEASI PRO

Downhill Ski related Computers:

Skiing Length	The length of your skiing, without considering the parts spent on lifts.
Skiing Active Time	The active time of your skiing, without considering the parts spent on lifts.
Skiing Average Speed	Your average speed based on the time spent skiing down.



**Affects only TEASI PRO**

Sensor related Computers:

Cadence	The number of revolutions of the crankset per minute
Heart Rate	The number of heartbeats per minute
Average Cadence	The average of recorded cadences over time.
Average Heart Rate	The average of recorded heart rates over time.
Maximum Cadence	The maximum reached number of revolutions of the crankset per minute
Maximum Heart Rate	The maximum reached number of heartbeats per minute
Pressure	Air Pressure



**Affects only TEASI VOLT**

Sensor related Computers:

Heart Rate	The number of heartbeats per minute
Average Heart Rate	The average of recorded heart rates over time.
Maximum Heart Rate	The maximum reached number of heartbeats per minute

E-bike related Computers:

Cadence	The number of revolutions of the crankset per minute
Average Cadence	The average of recorded cadences over time.
Maximum Cadence	The maximum reached number of revolutions of the crankset per minute
E-Bike Battery	Current battery percentage of E-bike
Remaining Battery at Destination	Estimated Remaining Battery percentage of E-bike when destination is reached
Remaining Range at Destination	Estimated Remaining Range of E-bike when destination is reached



Affects all models

### 2.7.3. Speedometer



*Speedometer*

The **Speedometer** screen shows your current speed, scaled for the bicycle/pedestrian type that is chosen for the selected profile.

Under the speedometer, there are also two changeable computers that can be set by tapping on them.

Recording can also be started from here. Just press the record button (  ), and select 'Record' when prompted. For pausing or stopping select the (  ) button.



Affects only TEASI ONE & Affects only TEASI VOLT

### 2.7.4. Sun Compass



*Built-in Compass*

The **Compass** screen shows the direction to north, based on heading displayed on Teasi device. An icon with the sun is displayed on the compass to help you in the orientation when you are standing.

Under the compass, there are also two changeable computers that can be set by tapping on them.

Recording can also be started from here. Just press the record button (  ), and select 'Record' when prompted. For pausing or stopping select the (  ) button.



Affects only TEASI PRO

### 2.7.5. Compass



*Built-in Compass*

The **Compass** screen shows the direction to north, through the built-in Compass available inside the Teasi Pro device.

Under the compass, there are also two changeable computers that can be set by tapping on them.

Recording can also be started from here. Just press the record button (  ), and select 'Record' when prompted. For pausing or stopping select the (  ) button.

Recalibration can be initiated by pressing 'Recalibrate'





Affects all models

### 3.8. Settings

Inside the Settings menu you have the possibility to choose your preferred configuration to live the best experience with your Teasi device.

#### 3.8.1 Maps & Clean Up Maps



Map settings

In **Maps**, three pages of features can be fine-tuned for efficient optimization.

The first page contains settings regarding zoom, and orientation.

The “Auto Zoom” can be turned on or off, thus enabling automatic zoom.

Orientation can also be decided: Checking “Head up” allows the device to always turn the map to the heading, while unchecking it keeps the map with north on the top of the screen.

When snapping is enabled, the cursor will be snapped to the track in the event of navigation on a track. This way the noise of the signal is reduced on the GUI so progress can be seen in a more demonstrative way.

*Note: The recording itself would contain the original signals, so the movement of the location cursor and the red line of recording might differ.*

To see the unfiltered position, disable the snapping feature. Navigational pop-up informs about next turn when map screen is not visible.



Navigation Popup

To disable these pop-ups, uncheck the option in the menu.

On the second page of map settings are placed the settings of displaying favorites and POIs.

The display of each item can be set by its individual “Show on map” button

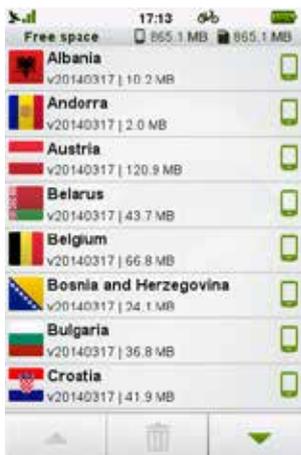


For Map, and Imported POIs the shown categories are also selectable by the “Select Categories” button ().

When an ‘X’ () is shown next to a category, it will **not** be displayed on map.

Third and last page contains Clean up Maps, and Raster map feature.

Clean Up Maps is a feature to delete maps on the device, making free space for any needs on the go.



Clean Up Maps

Under the status bar, on the top of the screen is the free space presented both on device and memory card.

Under the free space indicator you can find a list of installed countries. Select the countries to be deleted by tapping them once. If the bin is enabled on the bottom of

the screen, the countries marked by 'X' (  ) will be deleted after a prompt question in a pop-up box. Select yes on the box to confirm deletion.

At least one country has to be present, therefore it will not be possible to remove all the countries.

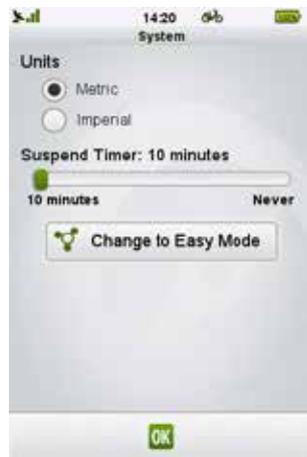
Raster maps can be used by checking the "Use Raster Maps" checkbox, and by selecting valid sources. Open "Select Sources", and select a raster map to be used (selected maps are dark gray).

Pan on map screen to the affected area to see the difference made by the feature.

*Note: Raster maps on SD card will be loaded on Software startup. If SD is inserted, but raster maps are not visible, please restart the device!*



### 3.8.2 System & Easy Mode – Full mode



System settings

In System the units can be changed. Tap on 'Metric', to use metric system, and tap on 'Imperial', to use the imperial.

The timer for Suspend mode can also be set here: tap on the slider, and move it to the desired value, then press OK (  ) button to accept the changes.

### 3.8.2.1 Easy mode - Full mode



*Easy Mode of Teasi One*

Easy mode contains only the essential features: Map, Destination, Memory, and Settings (where full mode can be set).

Easy mode can be selected by “Change to Easy Mode” when device is set to Full Mode, and Full mode can be set by tapping “Change to Full Mode” when device is set to Easy mode.

Full mode contains all features of the Teasi One device.



Affects only TEASI PRO

### 3.8.3 System & Full menu – Custom menu



*System settings*

In System the units can be selected. Tap on the circle next to the desired unit system.

The timer for Suspend mode can also be set here: tap on the slider, and move it to the desired value, then press OK (  ) button to accept the changes.

The function button can also be set from here by tapping (  ).

When function button is pressed, the order set in Function Button Setup will be rotated on every press.



*List of order of function button features.*

Tap on an item to execute a task on it:

Move up:  Move down:  Unselect:  .

Unselected functions can be reselected by tapping on  .

### 3.8.3.1 Full Menu – Custom Menu

In System settings, you can change between Full menu, and Custom menu. Full menu contains all available features on the device, and Custom menu can be set to only show the essentials, thus gaining speed and comfort in everyday use of the device. Select “Enable Custom Menu” by ticking it, then tap on “Select Menu Items”.



*Selection of Custom Menu Items*

By default, Custom mode contains all available features.

Tap on a menu item to select / unselect it. If a red 'X' is shown next to a feature, then it will be hidden in the Main Menu.



Affects all models

### 3.8.4 Accounts



Account settings

In **Accounts** you are able to create up to 8 user profiles. Existing profiles can also be edited or removed.



Affects only TEASI ONE & Affects only TEASI VOLT

*Note: When easy mode is selected, new profiles cannot be added, and existing profiles cannot be deleted.*

If Create and Edit options are not enabled in "Accounts", **Normal mode** should be reactivated in Settings → System → "Change to normal mode".



Affects all models

To **create** a profile (only if less than 8 profiles are existing):

1. Tap on the plus sign (  )
2. Tap on the details you want to change from the default values
3. Tap on OK (  ) when finished.

To **edit** a profile:

1. Tap on the profile
2. Select the Pen button to edit profile (  )
3. Tap on the details you want to change
4. Tap on OK (  ) when finished.

To **activate** a profile:

1. Tap on the profile
2. Select OK (  ) to close the screen.

To **delete** a profile:

1. Tap on the profile
2. Select the Pen button to edit profile (  )
3. Tap on the bin icon to delete (  )
4. Select “Yes” in the upcoming confirmation query.

For each profile you can set a Name, Weight, Bike Weight, bicycle/pedestrian type, by tapping on each field.



*Editing Profile Entry*

Pressing arrow buttons, you can define other parameters for your account, like the road preferences you would like to be used when a route is calculated.

Also, further, more advanced routing settings can be done in the last page of this menu, on “Advanced Route settings”:



*Advanced Route Settings*

In Advanced Route Settings the navigation mode can be selected – Turn By Turn, or Beeline. Turn by turn gives the normal navigation where every turn is instructed, and beeline shows the direction straight to the destination.

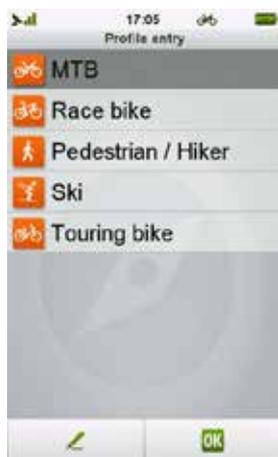
Also, one-way streets can be used by bicycle. For this, select “Both ways”.

## **TONE**      **T**VOLT

**Affects only TEASI ONE & Affects only TEASI VOLT**

### **3.8.4.1. Easy Mode**

When easy mode is selected, new profiles cannot be added, and existing profiles cannot be deleted.



*Easy Mode*

Profile settings can still be edited

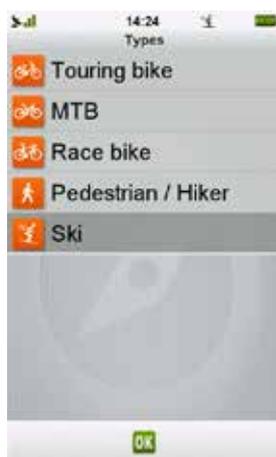
### 3.8.4.2. Ski Profile

Teasi now supports creating a Ski Profile. This profile enables the features for skiers, such as displaying and routing on pistes, ski lifts, ski-related POI. Record your runs, set up a meeting point, route to it! Ski runs and ski performances are measured and can be read later on.

When the Ski account is selected, the device displays ski pistes, ski lifts, and all ski-related POIs such as Ski Schools and Ski Rentals.

Device will use these ski pistes and lifts for routing, so every skier is able to navigate on the pistes, and record his exact runs.

For activating Ski profile, select a profile where type "Ski" is set, or create a new profile with the type set to "Ski".



*Ski profile for Skiing activities*

If the Ski profile is not yet configured, then you will be asked to make proper configuration for it.



*"Set up ski profile now?"*

If “No” is selected, the default parameters will be used (Downhill with Novice-Easy pistes).

If ‘Yes’ is selected, the Route Options are shown for ski profile settings:

On this page the route settings such as experience level and type of ski can be set.



*Route Settings for Ski profile*

Here you can select the type of the skiing:

- Downhill
- Nordic
- SkiTour.

Experience level can be set, so that you will be routed only on the preferred types of pistes.

- Novice → Green slopes allowed
- Easy → Blue slopes allowed
- Intermediate → Red slopes allowed
- Advanced → Black slopes allowed
- Extreme -> Extreme (yellow+expert) slopes are allowed

For example:

- If the user sets the minimum experience level to “Easy” and the maximum to “Advanced”, then only blue, red and black pistes will be considered.
- If the user sets both levels to “Intermediate”, then only red pistes will be considered.

Not only pistes, but ski lifts can be taken out of routing (for example ski lift is not working currently because of weather issues / seasonal reasons).

For this, POI details of a Ski lift should be opened, and “Use in route planning” should be unchecked.

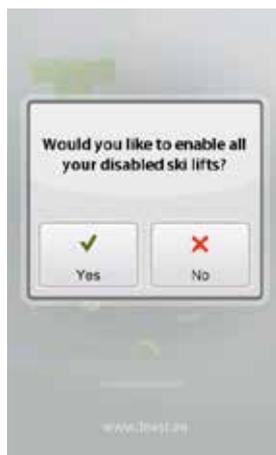


*Ski lift POI*

On map screen the POI will change when disabled:



Every day after first startup from power off / suspend, if there were disabled ski lifts present, the device whether Ski Lifts should be re-enabled:

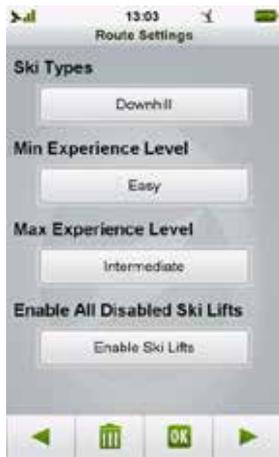


*Popup for Disabled Ski Lifts*

If "Yes" is selected, every disabled ski lift is enabled again.

If "No" is selected, the previous settings are kept.

Enabling Ski Lifts again can be done from "Route Options" menu also.



*Route Settings*

“Enable Ski Lifts” button is enabled, when there is at least 1 disabled ski lift.

After pressing “Enable Ski Lifts” select “Yes” to re-enable all Ski lifts.

Pressing “No” closes the pop-up with previous settings kept.



**Affects only TEASI PRO & Affects only TEASI VOLT**

### 3.8.5 Sensors



**Affects only TEASI VOLT**



*Sensors – Bluetooth switch and Heart Rate Sensor*

In Teasi Volt the Bluetooth sensor can be turned on / off in settings.

Tap on “Bluetooth On / Bluetooth Off” to enable / disable Bluetooth.

Bluetooth On – Bluetooth is enabled

Bluetooth Off – Bluetooth is disabled



Affects only TEASI PRO



*Sensors settings*

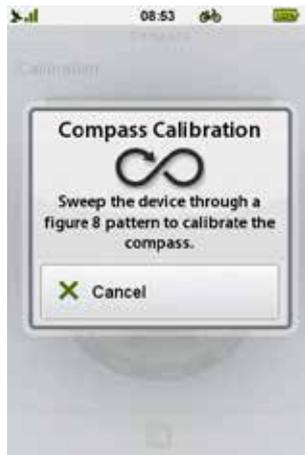
The sensors setting screen covers all possible hardware sensor related features.

### 3.8.5.1 Compass



*Compass Screen*

The compass screen shows the built in compass of the device. Recalibration is also possible by pressing the 'Start' button under 'Calibration'.



*Compass calibration screen*

When compass calibration is started, sweep the device through a figure 8 pattern to calibrate the compass. During sweep, also rotate the device so its screen is faced to the center of the movement. The device signals, if the calibration was successful or not.

*Note: The compass calibration might not succeed at the first attempt. Please, try to repeat the operation whenever you have the impression that the compass is not orientated correctly.*

### 3.8.5.2 Barometer



*Barometer calibration*

The built-in Barometer sensor is used to provide you information about the altitude variations during your activity.

This sensor needs to be calibrated, setting an initial altitude value that might come from the GPS or it can be set manually, if you know the exact altitude of the place where you are.

When the sensor is calibrated, 'Calibrated' text will notify you. Recalibration can be achieved by pressing the 'Reset button'.

*Note: Any change to the weather means a change to the air pressure, which can lead to a change to the current altitude. The reference value in the barometer settings is used every time the user switches the Teasi on, which means the barometer must be recalibrated every time after Teasi has been turned off then on, or position has been changed.*

If you want to enter the altitude manually, select 'Manual', then press the height button (default: '0m'), and insert the desired value.

### 3.8.5.3 Bluetooth settings



*Bluetooth settings*

*To switch on/off the Bluetooth feature of the device, press 'Turn On/Off'. Switching off will disconnect every presently connected sensor, and disable the Bluetooth.*

*Turning on the Bluetooth makes Bluetooth pairing available.*

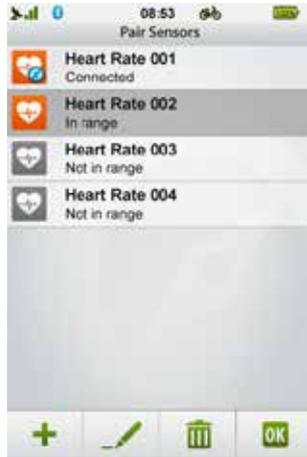
*The Bluetooth sensors can be divided into 2 categories: 'Heart Rate' is the first, and 'Speed and Cadence' is the second category. Each category can be disabled or enabled individually, by tapping on the checkbox.*

*The individual categories are separated in two different submenus in 'Settings menu'. The 'Heart Rate', and the 'Speed and Cadence' menu.*



Affects only TEASI PRO & Affects only TEASI VOLT

### 3.8.5.4 Heart Rate sensor settings



*Heart Rate Sensor settings*

Tapping on 'Heart Rate' in Settings will show a list with the previously paired sensors.

*Note: if Bluetooth, or Heart Rate category sensors were disabled, the device will notify the user and prompt if settings should be changed for an enabled Bluetooth and sensor feature.*

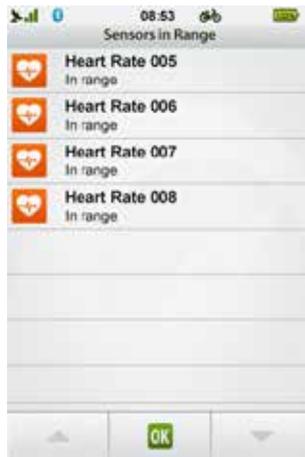
This list is grouped and ordered based on the range of the sensor, and its last known connection date.

The first item would be a connected and present sensor. If there is no connected sensor, the sensors in range will be shown, and under them the sensors that are paired with the device, but are not in range.

These list items will be further ordered by the date of last connection, so the latest sensor will be found at the top.

If there are not any paired sensors yet, new ones can be connected by tapping the plus sign on the bottom of the screen.

After tapping the plus sign, the available sensors in range will be shown.



List of sensors in range

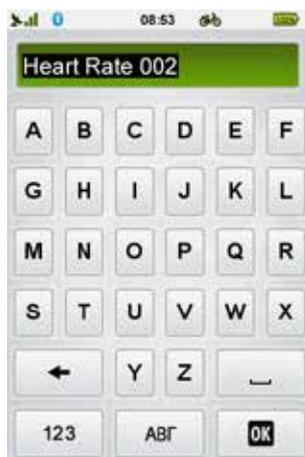
Note: a sensor that is not in range during the attempt, will not be shown in the list, thus pairing won't be available.

In HR settings, the icon next to the sensors name is to indicate the status of the connection to the sensor.

Tap on a sensor, then select 'OK' (  ) from the popup dialog to connect, and select 'No', to just select it.

Tap on a sensor, then select bin icon (  ) to forget the sensor.

Sensors can be renamed by tapping on the sensor, then tapping on the edit button (  ).



Edit name of sensor



Affects only TEASI PRO

### 3.8.5.5 Speed and Cadence (SAC) sensor settings



SAC Sensor settings

Tapping on 'SAC' in Settings will show a list with the previously paired sensors.

*Note: if Bluetooth, or SAC category sensors were disabled, the device will notify the user and prompt if settings should be changed for an enabled Bluetooth and sensor feature.*

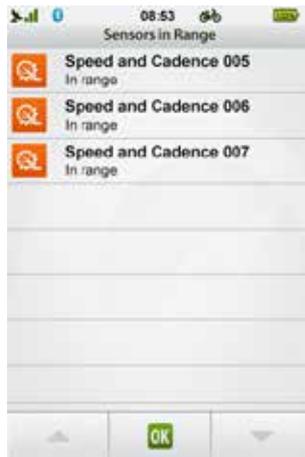
This list is grouped and ordered based on the range of the sensor, and its last known connection date.

The first item would be a connected and present sensor. If there is no connected sensor, the sensors in range will be shown, and under them the sensors that are paired with the device, but are not in range.

These list items will be further ordered by the date of last connection, so the latest sensor will be found at the top.

If there is not any paired sensor yet, new ones can be connected by tapping the plus sign on the bottom of the screen.

After tapping the plus sign, the available sensors in range will be shown.



List of sensors in range

Note: a sensor that is not in range during the attempt, will not be shown in the list, thus pairing won't be available.

In Speed and Cadence settings, the icon next to the sensors name is to indicate the status of the connection to the sensor.

Tap on a sensor, then select 'OK' (  ) from the popup dialog to connect, and select 'No', to just select it.

Tap on a sensor, then select bin icon (  ) to forget the sensor.

Selecting a sensor, and tapping on the settings button (  ), will bring up the settings menu. This menu contains options for changing the name of the sensor, and calibrating it.

Tap on the name of the sensor to rename it, and on the rim / wheel circumference to set them.



SAC - Speed Sensor Calibration

The 'Rim' button gives you the possibility to select a standard rim, which will set an average value for the wheel circumference. You can still adjust the correct size of the circumference, by manually enter the exact value inside the 'Wheel Circumference' field.

'Wheel Circumference' is used to calculate correctly the speed from your Speed sensor.

Renaming the sensor:



*Edit name of sensor*

Tap 'OK' (  ) to set the new name, or back button to cancel.



**Affects all models**

### 3.8.6 Language



*Language selection*

In **Language** you can select the language for the user interface.

Browse the languages with the up and down arrows (  and  ) tap on the desired language to select, then OK (  ) to accept the change.

### 3.8.7 Date & Time



*Date & Time settings*

In **Date & Time** the automatic (from GPS), or manual (Manual) setting can be chosen.

You can also change the Date & Time format.

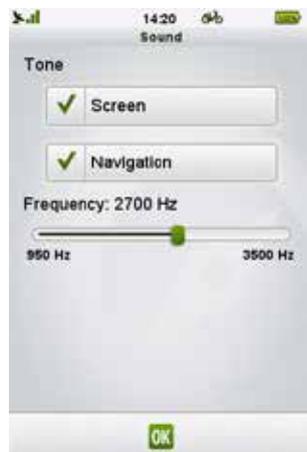
Date can be “Day / Month / Year”, “Month / Day / Year”, or “Year / Month / Day”.

Time can be AM/PM or 24 hours.

When Automatic time is chosen, you need to set your own Time Zone.

When Manual setting is chosen, Date and Time can be set.

### 3.8.8 Sound



*Sound settings*

In **Sound** settings you can set certain settings connected to sounds.

If you want Teasi to emit a sound when you tap over the screen, then select the “Screen” option.

If you want a warning beep when a navigation instruction is approaching, then select the “Navigation” option.

Sound frequency can also be set here from 950 Hz to 3500 Hz.

If you want to lower the pitch of beeping, move the slider to the left.

To set a higher pitched beep, move the slider to the right.

### 3.8.9 Screen



Screen settings

The Screen settings contain options related to skin, brightness, timer, and screen calibration.

The skin selector is to change between ‘Dark’, ‘Light’, and ‘Auto’ skins, for different lighting conditions.

Auto feature changes the ‘Dark’ and ‘Light’ skins based on the sunset and sunrise based on the devices actual GPS position and time settings.

In **Screen two different** brightnesses can be changed by moving their slider.

The slider presented by the icon:  is the **standby brightness**.

The slider presented by the icon:  is the **operational brightness**.

The timers for the Backlight can also be set here: tap on the slider, and move it to the desired value, then press OK (  ) button to accept the changes.

Screen calibration can also be started from here. After tapping on “Start” Screen Calibration, please tap on the cross lines firmly. The procedure will repeat until the calibration is successful.

### 3.8.10 GPS Status

GPS Status shows the availability of nearby GPS Satellites for orientation of the device and the quality of the received signal.



*GPS Status display*

GPS reception status, and location of individual satellites is presented on this screen. Under current location in Latitude and Longitude the location of satellites is displayed.

On the bottom of the screen current health of each GPS Satellite is presented. The higher the values, the stronger the signal is.

### 3.8.11 Info



*Information about BikeNav Teasi One*

In **Info** it is possible to:

- Check the version numbers of the software.
- Read the End-User License Agreement by selecting “EULA” (  )
- Check the copyrights.
- Reset the device to factory defaults by tapping on “Reset” (  ) and selecting yes in the confirmation query.



Affects only TEASI VOLT

### 3.8.12 E-Bike Info

Detailed information about currently connected E-Bike is shown under E-Bike Info.



*E-bike related Information*

The Unique Id of the E-bike, the software and firmware version, gear type, and useful battery information are presented here.



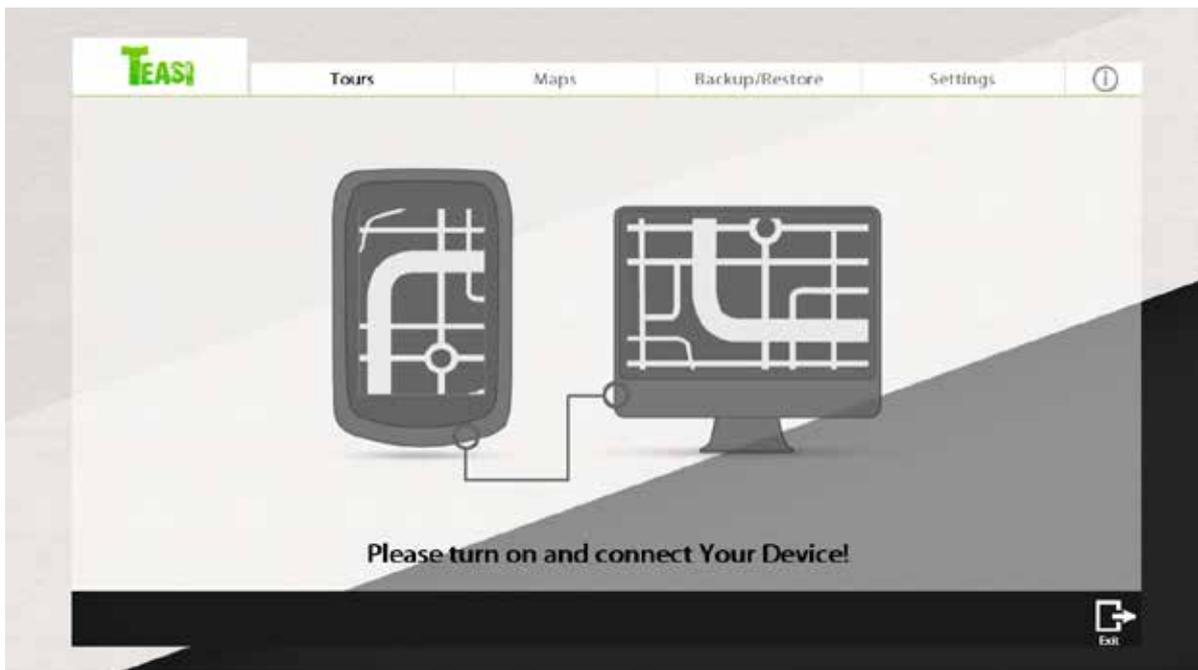
#### 4. Connect Teasi to your Computer / The TEASI Tool

##### TEASI Tool

TEASI Tool is *the* universal online tool for your TEASI. It allows you to manage everything related to your TEASI like updating the software and the operating system, install and update additional maps, as well as manage your routes on the device, download them or upload them to the device.

Please register your TEASI on the TEASI website [www.teasi.eu](http://www.teasi.eu) and download the TEASI tool from there for the first time and install it on your PC or Mac.

At the start of TEASI Tool you will see the following display:



**Note:** As soon as there is a new version of TEASI Tool available, TEASI Tool will download it first and then updates itself automatically.

Now, please turn on your TEASI and connect it via PC USB cable with your PC as soon as it is started. Tap on “Connect to PC” on the TEASI screen.

If new software is available for your TEASI, you will receive a note and you can download it now to bring your TEASI up to date. We always recommend using the latest software and maps for your TEASI because we are constantly striving to make improvements and enhancements available to our TEASI customers as soon as possible.

On the tab “maps” you will find the available maps on the left side and on the right side are the maps installed on your TEASI.



**Note:** If you have a Micro SD card installed in your TEASI it will be recognized by the TEASI Tool and displayed for selection in the right windowpane next to the TEASI.

For performance reasons we recommend to always store maps, POIs, tours, etc. in the internal memory of your TEASI.

To free up internal memory you can delete maps you do not need in the TEASI Tool (right) of your TEASI (simply click on the X in the upper right corner of the tile) and load them via TEASI Tool to your TEASI (free of charge) any time.

To do this, or if you want to install additional maps to your TEASI, simply drag a tile with a map from the left to the right. At the bottom of the respective tile a progress bar is displayed that shows how many maps have already been downloaded from the internet (left) or how much of the map was already transferred to your TEASI (right). The progress bar will disappear after successful transmission.

On the Tracks tab, file transfer can be done between your local computer, a bikemap.net or wandermap.net account, or tracks can be downloaded from TourBook. These are Teasi Tour tracks with POIs and rich description.



For copying onto device from bikemap.net (or wandermap.net), use the “Download from Bikemap/Wandermap”.

Upload to Bikemap/Wandermap, GPSies and route you account is also possible. Just drag and drop the tracks, or press “Upload to Bikemap/Wandermap”.

Note: If local source / destination is selected, Copy to PC and Copy to Device (from PC) are the enabled features instead of upload/download.

When all operations are completed, please disconnect your TEASI again. *Please do not turn off!*

TEASI will now reboot and carries out all necessary changes on the device. This can take between a few seconds and several minutes, depending on the changes made. In any case, do not turn off your TEASI until you see the display with the main menu on your TEASI again. Now you can turn off your TEASI.

## Declaration of Conformity

Hereby Baros GmbH, declares, that the devices TEASI one, TEASI pro and TEASI volt are in compliance with the essential requirements and other relevant regulations of Directive 1999/5/EC.

The Declarations of Conformity can be found at: [www.a-rival.de](http://www.a-rival.de)

