

**ULTRACOM**

SHARE THE ADVENTURE

**Ultracom App for Android (2.1.6 and newer)**

**Printable user guide**

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## 1. General

Some features and functions may differ depending on the operating system, used device, country of use and software version.

The user guide may contain errors and is subject to change at any time. This user guide has been updated on 8<sup>th</sup> of February 2019. You may consult our technical service for support: [support@ultracom.fi](mailto:support@ultracom.fi)

### 1.1 Ultracom subscription and additional services

**Ultracom subscription:** There are three different types of Ultracom subscriptions available for the application: 1 month, 3 months and 12 months. Without a valid subscription you can use the map, track Avius device, track GSM based devices with SMS and locate your own position.

Server functions, like sharing your location, tracking devices using data or sharing your devices location are not available without a valid subscription.

**Tracker/ Pointer cross tracking:** Tracker- and Pointer- device cross tracking via data. Cross tracking requires an active Ultracom subscription. This feature is not available in all countries.

### 1.2 Operator settings

The mobile device operator subscription must be able to use data and SMS-messages. Please check the suitability of your mobile subscription from your operator. If a prepaid SIM -card is used, please check that there is enough paid balance on the SIM -card.

### 1.3 Appstore and mobile device requirements

A valid Google account is required to download the application. Mobile devices user manual, or the mobile device manufacturer will advise you about creating a Google account.

After installation the application is an unregistered version and it must be registered. Application is registered and locked to the user's mobile phone number. The application can be transferred to another phone number if necessary.

Minimum required Android version is 4.0 Ice Cream Sandwich. Ultracom Avius VHF-tracking device requires Bluetooth Low Energy (BLE) support from the mobile device and also minimum Android version of 5.0 Lollipop.

## 2. Downloading the application

1. Open the Google Play Store on your mobile device.
2. In the search field type Ultracom and tap on "**Search**".
3. Tap the Ultracom -icon on the list.
4. Tap "**Install**". Read and accept the terms of use by tapping "**Accept**".
5. Your mobile device will download and install the application automatically.
6. Click "**Open**" or find the application icon on the mobile devices application list and start the application.

## 3. Registering the application

1. Application will ask your permission to use the phones functions. Allow all the permissions that the application requests. The application will be registered to your mobile phone number. When the application prompts for registration, select "**Yes**".
2. Select the region where application will be used and enter the mobile phone number (number must be the same where the application will be used)

3. Accept the terms and conditions, and tap **“Register”** on the bottom of the screen.
4. To complete your registration the application requests you to enter the security code that was sent to you by SMS. Enter the security code and finalize the registration by tapping **“Confirm”**.
5. Application will inform that your registration is complete. To confirm this, tap **“OK”**.
6. The application will change to a map view and you can start using the application.

If you skipped the registration, the application will ask you to register it every time you start using the application. Unregistered application will function with limited features.

Registered application will have a free subscription for two weeks. After the free period, you can make a subscription directly in the application, at an authorized Ultracom retailer or in Ultracom webshop. For more information on ordering and activating subscriptions. For more info see chapter 4.

## 4. Ordering and activating a subscription

Ultracom subscription can be purchased directly from the application, from your retailer or from the Ultracom store on our website. You can also purchase a separate subscription activation card, which is then activated on the application.

To order directly from the application or to activate your subscription activation card tap on the **“UC”**-icon on the upper left corner of the map view to open the main menu. Select **“Order/Activate”** on the main menu.

Select **“order method”** from the drop-down menu:

- **Activation code:** enter the activation code from your subscription card. The card will redeem you the subscription indicated on the card (1 month, 3 months or 12 months).
- **Order an invoice by SMS:** select the desired product in the drop-down menu. After selection, tap **“Proceed”** and you will receive payment instructions via SMS. After your payment, the service will be activated after 1-3 bank days.
- **Pay now online:** select the product in the drop-down menu. After selection, tap **“Proceed”** and the application will transfer you to the mobile payment website. You will find more information of the payment methods on the site.

## 5. Adding a tracking device to the application

Make sure that the tracking device has been set-up according to the user manual of the device. The following device options are available in the application:

### 5.1. Device search

Open the main menu from the top left corner by tapping on the **“UC”**-icon. Select **“Add device...”** on the menu. On the device type menu, select **“Device search”**.

You may search the device by device ID (Ultracom R10 and Avius) or by telephone number (Ultracom Novus and Dog-GPS). Novus and Dog-GPS can be found with device search -function, only if the device has sent location data to the server (you are tracking a friend’s device).

With Ultracom R10 when you enter the device ID on to the field and tap **“Search”**, if it is the first-time-use of the device the password will not be asked and you will become the admin user of the device. However, if the device has been used before and you are adding your friend’s R10, the application will ask for device password.

### 5.2. Ultracom R10

Open the main menu from the top left corner by tapping on the **“UC”**-icon. Select **“Add device...”** and from the list select **“Ultracom R10”**.

Enter the device ID -number to the indicated field and tap “**search**”. If the device is added for the first time, the application will not ask you for a password and you will become the admin user of the device. If the device has been in use before and you are adding a friends R10 device, then the application will ask for the password. You will find the device’s ID -number on the first page of the R10 user manual or under the collar part of the device on a sticker.

When adding the device for the first time, the application will ask you to input information on the device.

**Details information fields are:**

- **Name:** you can enter a name for the device. Tap on the field and write a name for your device.
- **Icon:** you can select an icon for the device. To find more icon options, tap on the icon.
- **Master Password:** you can define a master password for the device. For other users to track and change the settings of the device, they must know the ID-number and master password. Master users cannot add, delete or change the device admins. Admin user is the owner of the device who is fully entitled to all functions of the device. The first admin is the user that first adds the R10 device to the application.
- **Visitor Password:** you can define a visitor password for the device. For others to track the device, they must know the device id and visitor password. Visitors cannot change the devices settings.

**Optional information fields are:**

- **Tel. number:** you can enter the telephone number of the device. This will enable the call function (bark listening) for the device. Note that if your device came with the Ultracom GlobalSIM, the SIM-card number can be found on the first page of the user manual. The Ultracom GlobalSIM number is input in the international format (+45).
- **Visible:** selected mode defines if the device is shown on the map. This option is useful if you wish to remove the device temporarily from the map view.
- **Color of the route:** selection defines the color of the device route.
- **Barklimit:** number defines how many barks the bark calculator must register before the device will interpret that the dog is barking. Too high barklimit may cause a situation where the device is not reacting quickly enough to the dog’s barks. Too low barklimit may cause a situation where the device is too sensitive to barks and ground vegetation touching the collar may be interpreted as barking. Standard setting (2) is the recommended setting.
- **Track size:** the number defines how many location waypoints will be drawn on the map. If you enter a greater figure the pathline will be drawn from a longer period and when the figure is smaller the pathline will be from a shorter time.
- **Favorite:** you can select your device to be a favorite on the devices list. Devices can be filtered according to the favourites, activity etc.

**Admin info fields are:**

- **Admin phone 1,2 and 3:** you can add up to two other admin users for the device. Admin user can always call the device (if the phone number has been defined). Admin user can also add more admins and change all the settings on the device. Admin user is usually the owner of the device.

When you have entered all the required information, tap “**Save**” on the top of the screen. Application will return to “**devices**” view. Return to the map view and tap on the red “**Paw**”-icon on the lower left part of the map view to focus on the device.

### **5.3. Dog-GPS/Novus**

Open the main menu from the top left corner by tapping on the “**UC**”-icon. Select “**Add device...**” and from the list select “**Dog-GPS/Device**”.

#### Details information fields are:

- **Type:** device type (device type is already defined).
- **Phone:** enter the device's mobile telephone number in an international format.
- **Password:** give the device a preferred password.
- **Name:** give the device a preferred name.
- **Icon:** Set an icon for the device. You may browse the icons by tapping on the icon.

#### Optional information fields are:

- **Visible:** selected mode defines if the device is shown on the map. This option is useful if you wish to remove the device temporarily from the map view.
- **Tracking mode:** defines the operation of the red "paw"-icon on the mapview. With "Data" -option an extra single data tracking location request is made when tapping on the paw-icon and with "SMS" -option, one text message location is made.
- **Color of the route:** selection defines the color of the route.
- **Barklimit:** number defines how many barks the bark calculator must register before the device will interpret that the dog is barking. Too high barklimit may cause a situation where the device is not reacting quickly enough to a dog's bark. Too low barklimit may cause a situation where the device is too sensitive to barks and ground vegetation touching the collar may be interpreted as barking. Standard setting (2) is the recommended setting.
- **Track size:** the number defines how many location waypoints will be drawn on the map. If you enter a greater figure the pathline will be drawn from a longer period and when the figure is smaller the pathline will be from a shorter time period.
- **Favorite:** you can select your device to be a favorite on the devices list. Devices can be filtered according to the favourites, activity etc.

When you have entered all the required information, tap "Save" on the top of the screen. Application will ask you to define the access point name (APN). If you are adding your friend's tracking device select "Cancel". If you are adding your own device select "Set APN".

In the opening view, tap on the "select network" and select the operator of the SIM-card on the tracking device. If you can't find the correct operator, you can always write the operator APN on the area that is under the selection menu.

Send the settings to the device by tapping on the "Send request". Application will return to "Devices" -view. Go back to the map view by tapping the added device. Tracking will start in couple of minutes.

#### 5.4. Ultracom application

Open the main menu from the top left corner by tapping on the "UC"-icon. Select "Add device..." and select "Application" from the list.

#### Details information fields are:

- **Type:** device type is selected automatically (Ultracom application)
- **Phone number:** enter the telephone number of the application that you want to track. The number has the put in international format.
- **Name:** write a descriptive name for the application that you are going to track.
- **Icon:** select an icon for the application to be tracked. You may browse the icons by tapping on the icon.

#### Optional information fields are:

- **Visible:** selected mode defines if the tracked application is shown on the map. This option is useful if you wish to remove the tracked application temporarily from the map view.
- **Color of the route:** selection defines the color of the route.
- **Track size:** the number defines how many waypoints will be drawn on the map. If you enter a greater figure the track of the tracked application will be drawn from a longer period and when the figure is smaller the track will be from a shorter time.
- **Favorite:** you can select that the application you are adding to be a favorite on the devices list. Devices can be filtered according to the favourites, activity etc.

When all the required information is added, tap “**Save**” on the top right corner. Application will return to the devices list. Return to the map view and the application you are tracking appears on the map.

### 5.5. Ultracom Avius

Open the main menu from the top left corner by tapping on the “**UC**”-icon. Select “**Add device...**” and select “**Avius**” on the list.

#### Details information fields are:

- **Type:** device type is automatically selected (Avius).
- **Device ID:** enter the device ID number of your **Avius collar**. You can find the device ID from the Avius user manual’s first page or under the collar part of the Avius by sliding the collar part off from the device.
- **Name:** write a name for the device to be tracked.
- **Icon:** select an icon for the device to be tracked. You can tap the icon and browse by swiping the icons.
- **Device password:** when adding a new Avius device, the password should be left to the pre-programmed default password (0000). You can change the password later from the info-menu (more of it later on the manual).

#### Optional information fields are:

- **Visible:** selected mode defines if the device is shown on the map. This option is useful if you wish to remove the device temporarily from the map view.
- **Color of the route:** selection defines the color of the route.
- **Barklimit:** number defines how many barks the bark calculator must register before the device will interpret that the dog is barking. Too high barklimit may cause a situation where the device is not reacting quickly enough to a dog’s bark. Too low barklimit may cause a situation where the device is too sensitive to barks and ground vegetation touching the collar may be interpreted as barking. Standard setting (2) is the recommended setting.
- **Track size:** the number defines how many location waypoints will be drawn on the map. If you enter a greater figure the pathline will be drawn from a longer period and when the figure is smaller the pathline will be from a shorter time.
- **Favorite:** you can select your device to be a favorite on the devices list. Devices can be filtered according to the favourites, activity etc.

When you have entered the required information, tap on the “**save**” button on the top right corner of the screen. The application will return to the “**Devices**” view. Return on the map view by tapping on the “**Back**” button.

When adding the Avius for the first time, the application will ask if you have Avius host device in use. Select “**Yes**” and the mobile device will ask for a permission to make a Bluetooth connection. Select “**Yes**” to all permission

requests and the application will look for nearby Avius host devices. When the application finds your Avius host device, select it from the list. If the application does not open automatically the host device search, you can start search by selecting the small “**AviusLINK**”-icon on the top corner of the screen (small Avius host device icon, more information can be found in chapter 6.1)

*Note! Device pairing should be done with no other Avius host devices in use nearby!*

Accept the Bluetooth connection by clicking “**ok**”. Connection is made between the mobile phone and the Avius host device.

If you wish to share the location information of the Avius device, turn the device tracking on by tapping on the “**Tracking on/off**”-icon (see more information in chapter 6.1.). When the tracking is on, the location information will be sent to the server from where other users can see the devices location (they need to know the Avius collar’s ID and password). The location interval is received on 30 second intervals when tracking an Avius through server. Every user needs their own Avius host device to receive the location on 3 second interval.

AviusLINK can be turned off and on by tapping “**AviusLINK**” -icon.

## 5.6. Avius SEARCH

Open the main menu from the top left corner by tapping on the “**UC**”-icon. Select “**Add device...**” and select “**AviusSEARCH**” on the list. Set the Avius collar and the Avius host device next to each other so that the antennas on the devices cross each other. Application will ask the name of the Avius device to be added. Enter the name and tap “**Start**” from the top right corner.

Application will start an Avius host device search. Application will ask a permission to use the mobile phone Bluetooth connection. Tap “**Accept**” and the application will start to search Avius host devices nearby. Select your Avius host device on the list.

Application will add the device on its default settings to the “**Devices**” list.

*Note! Device pairing should be done with no other Avius host devices in use nearby!*

If you wish to share the location of the Avius to others, turn the device tracking on by tapping on the “**Tracking on/off**”-icon on the upper corner of the screen (see more information can be found on chapter 6.1.). When the tracking is on, the tracking information will be sent to the server where other users who know the device’s ID number and password can track the device in 30 seconds interval.

Look for other Avius settings and options and their definitions in chapter 5.5.

## 5.7. Tracker LIVE

Open the main menu from the top left corner by tapping on the “**UC**”-icon. Select “**Add device...**” and select “**TrackerLive**” on the list.

**Details information fields are:**

- **Type:** correct device is already selected (Tracker LIVE).
- **Share name:** enter the device share name. Request the share name from the Tracker device owner.
- **Name:** write a name for the device to be tracked.
- **Icon:** select an icon for the device to be tracked. You can click the icon and browse by swiping the icons.
- **Viewer password:** give the device a viewer’s password. You will get the password from the device owner.

**Optional information fields are:**



- **Visible:** selected mode defines if the device is shown on the map. This option is useful if you wish to remove the device temporarily from the map view.
- **Color of the route:** selection defines the color of the route.
- **Barklimit:** number defines how many barks the bark calculator must register before the device will interpret that the dog is barking. Too high barklimit may cause a situation where the device is not reacting quickly enough to a dog's bark. Too low barklimit may cause a situation where the device is too sensitive to barks and ground vegetation touching the collar may be interpreted as barking. Standard setting (2) is the recommended setting.
- **Track size:** the number defines how many location waypoints will be drawn on the map. If you enter a greater figure the pathline will be drawn from a longer period and when the figure is smaller the pathline will be from a shorter time.
- **Favourite:** here the device can be defined as a favourite. Devices and applications can be filtered in the list by popularity, activity etc

When you have entered the required information, tap on top right corner on the “Save” selection. The application will return to “Devices” view. Return to the map view from the upper left corner.

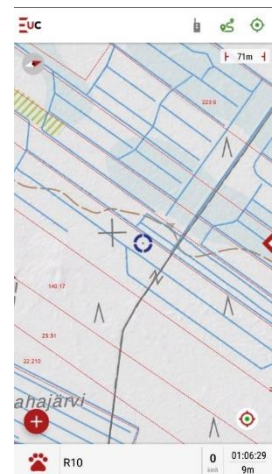
Application will search for the added device from the Tracker server. Device should be found in about one-minute. If a notice “Device not found” appears after one minute, check the settings (share name and viewer password) and make sure the device is turned on.

## 6. Map view

In application map view you can see the devices route and you can modify the general settings.

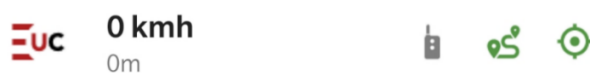
On the upper corner is the distance reference (distance between the red bars). On the right side is the map scale selection. To move the map, drag your finger in the direction you want to move the map. To zoom in and zoom out pinch two of your fingers together or spread your fingers apart.

*Note! Only the active devices are shown on the map view.*



### 6.1. Top menu and icons

On the top left side of the screen is the main menu button. Main menu is opened by tapping on the “UC” icon. Next to it is the own location speed and travelled distance (requires that own location is set “on”). You can reset the distance by tapping on the meter/kilometer amount.



**AviusLINK on/ off:** this option will turn the AviusLINK on or off. Avius link is required to establish a Bluetooth connection with the Avius host device.



**Tracking on/off:** this option turns the tracking on, on the GSM- based devices (R10, Novus, Dog-GPS). This also turns on the sharing of Avius collars location.



**Own location on/off:** turn your own location on. User's location status is shown on the lower right corner of the screen with its own icon. When own location is set on, your travelled distance and speed appear on the top bar of the map view.

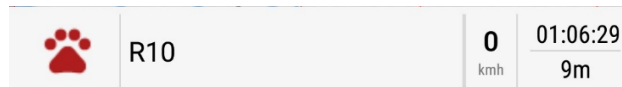


## All of the symbol colors are the following:

- **Grey**, the function is off
- **Yellow**, function is starting up or the desired function cannot be finalized without user's action (for example mobile devices GPS receiver is off, server connection is not available, mobile devices GPS is turned off or Avius host device is off.
- **Green**, connection is on and the function in use

## 6.2. Bottom menu and icons

In the applications bottom menu you find the options for controlling your device.



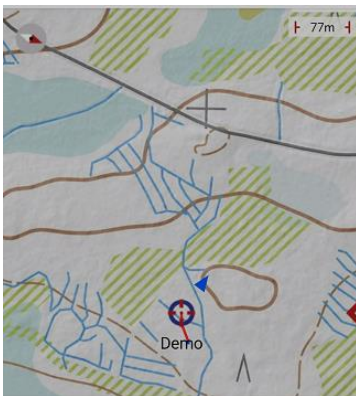
You can lock the tracking for the device by tapping on the “paw” -icon. A small white lock appears inside the paw to indicate that the map view is locked to the selected device. You can unlock the view by moving the map with your finger to any direction.



In the middle of the bottom menu is the device name and on the right side is the speed of the device, time of the latest tracking information (hours, minutes and seconds from last received location update) and your own, or the cursor's distance from the selected device. When the dog starts to bark, then the bark calculator's information is also shown on the bottom bar.

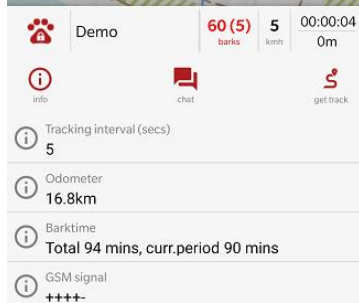
By tapping on the bottom bar, you can see the the quick-functions and settings of the selected device. You find more information of the device specific selections starting from chapter 7.

## 7. Locating devices and applications



After the device has been set-up and all the required settings have been sent to the device, the device will start to send location to the server automatically. In Avius the default location interval is 3 seconds and in other devices it is 20-60 seconds depending on the device. The tracking interval can be changed on all devices from the info menu.

Application will start sending the information to the server automatically after device has been added and selected, except for the Avius device which will not automatically start to share the location to the server. Tracking can be turned on or off on the top right corner of the map view by tapping the “Tracking On/Off” -icon.



If the sharing is activated for an Avius device, the application will send the tracking information with a 30 second interval to the server. Other users who know the device ID and password can track the device without the need of Avius host device.

To be able to use the data tracking, you need to have a valid Ultracom subscription in your application. Without valid Ultracom subscription, you can see your own location and the location of Avius via host device.

### 7.1. Menus and changing the tracking interval

By swiping upwards in the bottom menu of the map view you can see the selected device's quick info view. When you swipe upwards again, a full screen menu will appear revealing more basic info and settings.

- **Info:** by tapping the info symbol (i-letter) devices info and settings view will open. There you can find all the functions for the device. Device functions are listed in chapter 7.2.
- **Chat:** opens a chat window where you can send messages to other users following the same device.
- **Get track:** with this function you can fetch a route from a certain time period. For Tracker/Pointer devices you can fetch the route for the last 4 hours.
- **Call:** with this function you can call the device, if the device supports the call function. With Ultracom R10 a telephone number should be defined for the device otherwise the call function is not visible.
- **SMS textmessage:** this feature allows you to take a single SMS location from the device (this function depends on the device you are using. Ultracom R10 device should have a phone number defined for the device, so that the SMS function is available.)

Tracking interval can be changed by tapping on the “**Trackig interval (sec)**” option and selecting the desired tracking interval. The command can be sent by data via the server by selecting “**OK**” or directly as a text message by selecting “**SMS**”. Note that SMS commands may be expensive depending on the pricing of your mobile subscription.

Note that on Avius the tracking interval can only be changed when the Avius collar is close enough to the host device (approx. 500m-1000m depending on the terrain). Avius cannot use SMS, so the command is sent as VHF command.

Info menu is opened by tapping in the “**info**”-icon on the side of the menu. All functions are further explained in chapter “**7.2 Other device specific options**”.

## 7.2. Other device specific options

Depending on the model of the tracking device and your mobile device, different kind of features might appear on the menu. Commands can be sent to the device using data or SMS. By selecting “**OK**” the application will send the command to the server and the tracking device receives the command next time it contacts the server. By selecting “**SMS**”, the device will send a commande to the collar by SMS.

All of the options that are selectable in the info-menu are listen in alphabetical order:

**Add admin:** you may add a new administrator to the device. Application will ask you to add the new admin’s telephone number. There can be maximum of three administrators in use. Administrator can add and remove other admins and change the device settings. With Avius device everyone who own a host device and know the Avius collar’s ID and password can act as admin.

**Add temporary listener:** you can add a user’s phone number that temporarily call and listen the device. Temporary listeners will be removed automatically when the device is turned off.

**Bark Alarm:** You can set the device to send an alert as SMS (Ultracom R10 will send the alarm as a push-notification) to the software when the device registers the given number of barks per minute. The alarm can be set from 1 to 100 barks. Setting the alarm to 0 will disable the set alarm.

**Bark sensitivity:** You can adjust the bark sensitivity either gradually (on Ultracom R10) or in five different steps (least sensitive, less sensitive, factory setting, sensitive, more sensitive). With a more sensitive setting, the device responds more sensitively to barking and other sounds. When adjusted less sensitive, the device does not react so easily to barking and other sounds.

**Bark frequency:** How many barks has the device registeres during the last minute.

**Bark time:** the total bark time registered by the device and the bark time of the current period in minutes.

**Battery status:** the remaining battery capacity. Tap to change the power saving mode (normal, medium, high -> see more on power saving below).

**Beacon light:** if the device has a beacon light, you can turn the light on and off on the application. Beacon light is a useful safety feature when it’s getting dark.

**Call management:** allow or disable all calls to the device. Device will always answer to the call coming from the

admin, regardless of what the call management settings is.

**Change password:** change the password of the Avius device.

**Contact mode:** sets the Avius host device in contact mode. In contact mode the Avius host device transmits the signal of the selected Avius collar to other Avius host devices. The mode switches off the host devices Bluetooth connection. By using the contact mode, the range of the Avius collar can be increased significantly.

Note that when in contact mode the host device cannot transfer information to the user's mobile device, so a second Avius host device is required. You can switch off the contact mode by tapping the connection button on the host device.

**Country:** you can change the country of use. The Avius device will change settings according to the country of use.

**Delete temporary user:** remove temporary listeners (users that can call to the device) from the device. Option asks you to enter the telephone number to be removed. All temporary users may be removed by restarting the device or by deleting them individually.

**Device APN:** If the mobile operator on your devices SIM-card has changed, you may change the contact info (APN) of the device with this option. In the drop-down menu choose the operator of the SIM card. Send both SMS-messages created by the application to the device.

**Device version:** version of the device's firmware. By tapping on the selection, the update command will open. Enter the safety code in the field and send the command, either as a data or SMS command. The device will be updated to the latest firmware version and it will return to normal tracking after the update. More information of the update and changes in the firmware versions can be found on our support site.

**Firmware - collar:** Avius collar firmware version.

**Firmware – host device:** Avius host device firmware version.

**Geofence:** device will send an SMS (on R10 the application sends a push-notification) to the application when the device crosses the preset distance. Distance is 10-10000 meters. Setting the distance to 0 will turn off the set geofence alarm.

**GSM signal:** the GSM signal level of the device (coverage).

**Host device- battery status:** Battery status of the host device.

**Host device – frequency:** you may change the host device's radio frequency to a other channel if there are too many Avius collars on the same channel and the channel traffic is causing you not to receive location of your collar.

**Latitude:** latitude of the device

**Longitude:** longitude of the device.

**Odometer:** the distance travelled by the device or application in meters. Tap on the option to change the value to the desired metric amount.

**Power saving:** Set the power saving mode as follows:

-Normal power saving: normal operation mode, no enhanced power saving.

-Mid level power saving: turns off the GPS from time to time to save power.

-High power saving mode: in addition to mid level power saving, device prevents calls and text messages from all other users except for the admins.

**Query listeners:** lists all of the temporary users (users that can call your tracking device). Temporary users will be reset automatically when the device is turned off.

**Reset barktime:** reset the total barking time calculated and the barking time of the current session.

**Satellites:** number of currently found satellites.

**Show admins:** device will show its administrators. There can be maximum of three administrators. Administrator can add and remove other administrators and change the device settings.

**Signal level:** Avius VHF signal strength of the device.

**Smart tracking:** you can turn on smart tracking by speed or barking interval. Device will automatically increase the tracking interval if the preset speed or barking interval is exceeded.

**SMS settings:** allow or prevent SMS-messages to the device. The admin can always send text messages to the device even if the setting is disabled.

**SMS tracking (min):** sets up a text message monitoring for your device. Minimum is one minute and maximum is

3600 min. It is not advisable to use SMS tracking as a default tracking method, because it is generally charged by network operators for each message.

**Speed km/h:** speed of the device in km/h.

**Stand alert:** this selection will set a standing alarm for the device. When the device does not move in the preset time, application gives an alarm to the admin's mobile device. Standing alarm can be set from 15 seconds to 250 seconds.

**Temperature:** the temperature of the device. Temperature is measured inside the device, so the temperature is indicative only and should not be used for accurate temperature measurement.

**Time elapsed:** time of last received location from the device.

**Timestamp:** date and time of the last location information.

**Tracking interval (secs):** tracking interval in seconds. Tap the option and you may choose the tracking interval for the device

## 8. Main menu functions

The main menu is opened by tapping on the "UC"-logo on the upper left corner of the screen. On the main menu there are the following options.

### 8.1. Devices and adding a device

"Devices" will open the device menu. You can filter the device list by activity or by favourites. You can edit devices and remove a device by holding your finger on the device.

By clicking the "Add..." selection on top of the devices-menu you can add a new device to the list.

You can backup and restore the device list and store it to the server by tapping on the top right corner of the screen (three overlapping points). From the opening menu select "**Backup to server**" or "**Restore from server**". More information on storing and restoring devices can be found on chapter 9.6.

With the "Add device..." function the device will be added quickly on the device list, without going to the full devices-list. More information of this function will be found on chapter 5.

### 8.2. Recently used devices

Recently used devices appear to the main menu's "recently used" listing. You can easily change between the device you want to focus on, by tapping on the desired device.

### 8.3. Landmarks and map tools

Tap on the "Landmarks" option on the main menu to open the landmark entries stored in the mobile device. The arrow on the top left corner of the view returns to the map view.

You can create landmarks (lines, markings etc.) by using the map tools. Map tools can be opened from the lower left side of the **map screen** (red dot which has a cross inside it). The map tools open in the middle of the screen.

To start making an entry, select the left most "**pen**" icon. You can see the coordinates of the cursor on the top of the screen and the distance between the points of measurement. The drawing line of the measure is indicated by dotted line.

To confirm the drawn line, tap on the icon again. To cancel the drawing, you may tap the pen icon with a minus next to it.

Diskette icon opens the marking or line saving menu. Enter a name for the entry and select whether to display it on the map. For example, if you want later to temporarily remove a map entry, you can set the "**Visible**" -option off.

Select and icon for the marking and tap **“save”** to save the marking to the mobile device.

Note that the marking will not be automatically exported to the server. You can export the marking with the **“Back up to Server”** function. More info can be found on chapter 9.6.

The location marker **“XY”** -icon will open the coordinate search. Enter the coordinates Lat/N and Lon/W and tap **“Show on map”** and the cursor of the application will focus on the given coordinate.

On the map tools the rightmost icon (arrow circling itself) updates the map tiles of the current map view. Map tiles are saved in the mobile device as they are downloaded from the server. The program uses primarily the map tiles saved in the mobile device.

#### **8.4. Drawings collections**

You can create your own drawings collections (map areas and markings) in the **“Ultracom My Pages”**-service. You can access **“My Pages”** via our website or from the applications **“Account info”** selection, which is found in the main menu.

You can find the available drawing collections by opening the main menu of the program and select **“Drawings”**. Select the refresh-icon (arrows circling each other) and your own collections and the collections that are shared with you will appear on the screen.

If you are an owner of a drawing collection you can add an access to the collection directly from the application by holding your finger on the collection and selecting **“Add access”** from the drop-down menu.

This option opens a view to user’s mobile phone number, description (a name, for example) and the access level. There are three levels of access; read, edit and administration. With read access you can view the markings made in the application. With edit -access you may edit the collection in your **“My pages”**. Administration access gives you a full access to the collection so that user can edit, add and delete notes and user rights.

#### **8.5. Application settings**

**“Settings”** -menu can be found in the application’s main menu. To access the main menu, tap on the **“UC”**-icon in the top left corner of the screen. Tap on the **“Settings”** -option to open the application settings. There are three tabs of settings: map, my location and display.

The **“Map”** options tab contains a selection of available map material.

- Tap on the **“Map Database Id”** option to access the map material you want to use.
- You can add additional information to the map. These include your own drawings, highlights and hillshades. Tap on the **“Include all available features...”** to select the option you want to use.
- Last option is **“Remove maps...”** By tapping on this option, you can remove the map data stored on your mobile device. This choice is convenient e.g. in situations where the map material has changed, and you need to download the updated map data.

On **My Position** -tab you will find the settings related to your own location.

- In the **“My password”** -field you can specify the password for your own location. If you give your friend your phone number and this password, your friend can add your phone number as a trackable application. The default setting is 0000.
- The **“Track size”** option allows you to specify that how many location waypoints of your own location are shown on the map. By increasing the value, a longer period of location time will be shown. The default setting is 50.

- **“Start GPS automatically at application start”** –option enables the mobile devices internal GPS-receiver automatically when the application is started. In this case your location can be automatically displayed when the program is starting.
- With the **“Keep my last position visible...”** -option you can specify whether to display your own location on the map when GPS receiver is switched off.
- You can select an icon for your own position by tapping on the **“My position icon”**.

On the **Display** – tab you can find the settings for the information displayed on the map.

- **“Show only active devices”** you can select that are other devices that are currently not active shown on the map or not (the last known position is shown if the setting is set to yes).
- **“Silent Mode”** -option allows you to choose if there is a sound when a setting is changed. Default setting is off.
- **“Map screen orientation”** allows you to specify that is the map view shown in portrait or landscape view, or is dynamic where the map view turns when you turn your mobile device.
- **“Hide sidebar buttons”** -option determines how long the map scale tools appear on the right side of the screen.
- **“Alternative barking color”** option allows you to change the color of the route line shown in the dog bark. Default setting is **“No”**. This option is meant for colorblind users.
- **“Linewidth”** allows you change the route lines thickness from the default to more thicker options. A thick line can be easier to see in certain maps.
- **“Map cursor”** selects the appearance of the cursor in the in the center of the map.

In the upper right corner of the screen you can find an additional menu (three dots), from which you can reset the **“AviusLink”**, if the Avius host device has to be connected to another mobile device (feature releases the Bluetooth connection).

Remember to save the changes by tapping on the **“Save”**-selection on the top right corner of the screen.

## 8.6. Account info

Account info -option is in the application’s main menu. To access the main menu, tap on the **“UC”** -icon in the top left corner of the screen. On the **“account info”** –view you can find the mobile phone number on which the application is locked, your license type, your service subscriptions and your My Pages password. By tapping on the refresh -icon (round arrows) the application will update the latest information to My account -view.

On the top right corner of the screen is also an additional menu (three dots) that you can tap to open other functions:

- **Open My Pages** option will open your personal application pages in the mobile device browser. In My pages you can manage the marketing permissions, manage your contact information, view your device routes, order additional services and subscriptions and manage your drawing collections.
- **Register** option opens the program registration screen. If your phone number changes, you should move the application first with the **“Change phone number”** function.
- **Order/Activate** allows you to order a subscription or activate an Ultracom subscription code. For more information, see chapter 8.7.
- With the **“Change phone number”** option you can transfer your account (subscription, markings, device lists etc.) to a new phone number. Enter a new phone number and select **“Start change”**. You can then change your SIM-card and register the program to the new phone number.

## 8.7. Order/ activate -function

You can order a subscription directly in the program, from your retailer, or you can buy a separate subscription activation card. **“Order/activate”** -function can be found on the application main menu. Open the main menu by tapping on the **“UC”**-icon on the upper left corner of the map view. From the main menu select **“Order/ Activate”**.

From the **“Order Method”** -dropdown menu select the order method:

- **Use Activation code:** you can enter an activation code from a subscription card and activate the card to receive to subscription indicated on the card.
- **Order an invoice by SMS:** select the product in the drop-down menu. After selection, tap **“Proceed”** and you will receive payment instructions via SMS. After your payment, the service will be activated after 1-3 bank days.
- **Pay now online:** select the product in the drop-down menu. After selection, tap **“Proceed”** and the application will transfer you to the mobile payment website. You will find more information of the payment methods on the site.

## 8.8. About application

**“About the application”** is found in the main menu of the application. To access the main menu, tap on the **“UC”**-icon on the upper left corner of the map view. In **“about the application”**-view you can find the application version number, information on the map licenses and link to our privacy policy.

## 9. Other functions

### 9.1. Reset AviusLINK (host device Bluetooth release)

Avius-host device may be connected to one mobile device at time. If you want to reconnect it to another mobile device, you will need to reset the AviusLINK. This is done by opening the main menu and selecting settings. In settings menu, open the additional menu on the top right corner (three dots) and select **“Reset AviusLINK”**. Tap OK and the Avius host device is resetted and it can be connected to another mobile device.

### 9.2. Ultracom R10 factory reset

It is possible to reset the Ultracom R10 to the factory settings so that the device admin and other settings are removed from the device memory. You can also remove all of the route data that the device has sent to the server.

Select your Ultracom R10 device and the open **“Info”** -menu. In the upper right corner of the screen open the additional menu (three dots) and select **“Factory reset”**. Application asks if you want to reset the device settings and if you want to also remove the saved routes from the server. Select the desired function and tap ok.

Please note that routes will be **permanently** removed, and they cannot be restored. Once the device is resetted to the factory settings, the device will reboot to first-time-use mode to wait for an admin to add it to the application.

### 9.3. Transferring the app to another mobile device

Ultracom application is always registered to the mobile phone number where the registration request is made. However, you can move the application to a new mobile phone number as follows:

- **In the application:** open the main menu and select **“Account info”**. In the upper right corner, open the additional menu and select **“Change phonenumber”**. Enter your new phone number (where the application should be transferred) in the field **“Your new phonenumber”** and select **“Start Change”**. After this you can change the SIM-card and register the application to a new number. Application registration can be found in the additional menu of **“Account info”**.



- **My Pages -service:** Sign in to My Pages and select **“My account”**. Next to the telephone number field is **“Change phonenumber”** selection. Tap on the selection and enter the new phone number to which the application is moved. After this you can change the SIM-card and register the application to a new number. Application registration can be found in the additional menu of **“Account info”**.
- **Technical support:** phone number change can be made in Ultracom technical support. After the change have been made the application has to be registered. Application registration can be found in the additional menu of **“Account info”**.
- **Reseller:** Ultracom retailers can guide you in the transfer of application as well as in other possible problems.

#### 9.4. Changing the admin user of Ultracom Novus and Dog-GPS

If you wish to change your Ultracom Novus or Dog GPS admin do the following:

1. Remove the SIM card from the device.
2. Insert the card into your mobile device and turn on the mobile device.
3. Navigate to the contact list in the mobile phone menu and remove **“DOGPS”**-contact from the SIM card.
4. Remove SIM -card from the mobile device and put it back in to the tracking device.
5. Insert the charged batteries into the tracking device.
6. Open the device menu and remove the device from the list by holding your finger on the device and selecting **“Delete”**.
7. Add the device to the application again. When the application asks you to configure the access point (APN), select the operator from the dropdown menu and send the settings to the device.
8. Return to the map view and when the device appears on the map view, you are the admin of the device.

#### 9.5. Filtering the devices list (favorites, active devices etc.)

Tap open the main menu, tap on the **“UC”**-icon on the upper left corner of the map view. Select **“Devices”** from the main menu. In the menu are listed all the devices added in your application.

From the dropdown menu on the top of the screen you can filter the device view with following options:

- **“All”** shows all devices and applications on the list.
- **“Favorites”** show only the devices and applications added as favorites. You can mark a device as a favorite by putting the **“Favorite”** tab on, when the device or application is added.
- **“Favorites + Active”** show the devices and applications marked as favorites and that are currently on and active.
- **“Recently used”** show the last used devices and applications.
- **“My Devices”** show only the devices where you are the admin user.

#### 9.6. Backing up and restoring device and markings list

Tap on the UC-icon on the upper left side of the screen. From the main menu select **“Devices”**. In the view you see listed all devices you have added in your application.

In the upper right corner of the screen there is an additional menu (three dots). Tapping on the selection will open the backup and restoring functions:

**Back up to server:** Tap on the **“Back up to server”** to export the data to the server. You can either back up your markings, devices or both. The application will tell you in an info window how many devices and markings were saved on the server. At the same time, the program will give you an ID number that allows the device list to be retrieved later. You can also share the ID so that your friends can restore the same list you have backed up.

**Restore from server:** Tapping this option will open a window where you can restore the saved devices to the **“Device”** list. If you leave the ID field blank, the application will bring you the latest saved device list, if there is one

available. You can also enter the last used device list ID number or for example your friend's device list number and the application will download the the devices on that number to your devices list.

### **9.7. Editing and deleting devices from the device list**

Tap on the UC-icon on the upper left side of the screen. From the main menu select "**Devices**". In the view you see listed all devices you have added in your application.

You can remove or edit devices by holding your finger on the device. From the menu select "**Edit**" to edit the device or "**Delete**" to remove the device.

"**Send to a friend**" selection sends the selected device info to your friend. Enter your friends phone number or select it from the contacts list and tap "**OK**" to send the information to a friend's mobile device. Your friend needs to have the Ultracom application installed. Send to a friend is supported only in the Android operating system, so a device cannot be sent to Apple iOS application.

### **9.8. Adding a demo**

To open the application main menu, tap the "**UC**"-icon on the top left corner of the screen.

In the upper right corner of the screen there is an additional menu (three dots). Tap the "**Add demo**" selection. This feature will add a demo device in the application, so you can try how the tracking on the application works. Tap on the "**Save**" option at the top of the screen to add the demo device to the "**Devices**" -list. Demo device can only be tracked, and its settings cannot be changed.