



Telethings Control Box Mobile Application User Manual

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User manual:
Control Box Mobile Application



TeleThings Control Box mobile application

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TELETHINGS CONTROL BOX MOBILE APPLICATION USER MANUAL

1.1. BASIC INFORMATION / PRODUCT DESCRIPTION

Control Box mobile application was made with the goal to add new functionalities while using Control Box and Home Sensor. The main function of the application is connecting with Control Box via Bluetooth and configuring Control Box and Home Sensor. Application layout deviations are possible depending on the mobile phone's Android OS version.

2.1. STEPS FOR PAIRING WITH DEVICE VIA BLUETOOTH

After the application is downloaded and installed on a mobile device, Control Box must be paired with a mobile device using Bluetooth.

Upon entering the application, permissions will be requested to accept in order for scanning the Control Box devices could work.



1.1. CHANGING BLUETOOTH PASSWORD

It is recommended to change the Bluetooth password to protect the device from unwanted intrusion from another person.



Application's main menu

The 'Security' screen contains three input fields: 'Old password' (with placeholder 'Enter old password'), 'New password' (with placeholder 'Enter new password'), and 'New password (repeat)' (with placeholder 'Repeat new password'). A 'Change password' button is located at the bottom.

By pressing on each field, an input dialog is opened to enter password

An input dialog box titled 'Password:' is shown over the 'Security' screen. It contains a text field with '0000' and two buttons: 'CANCEL' and 'OK'.

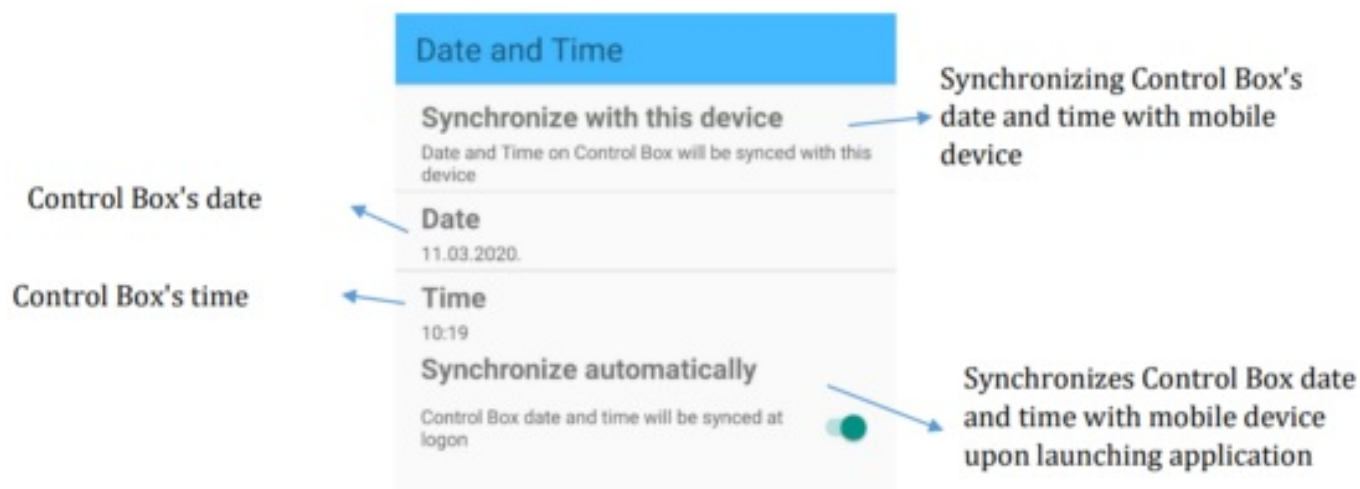
Enter a new password

The 'Security' screen is shown again, with the 'Change password' button highlighted by a blue arrow.

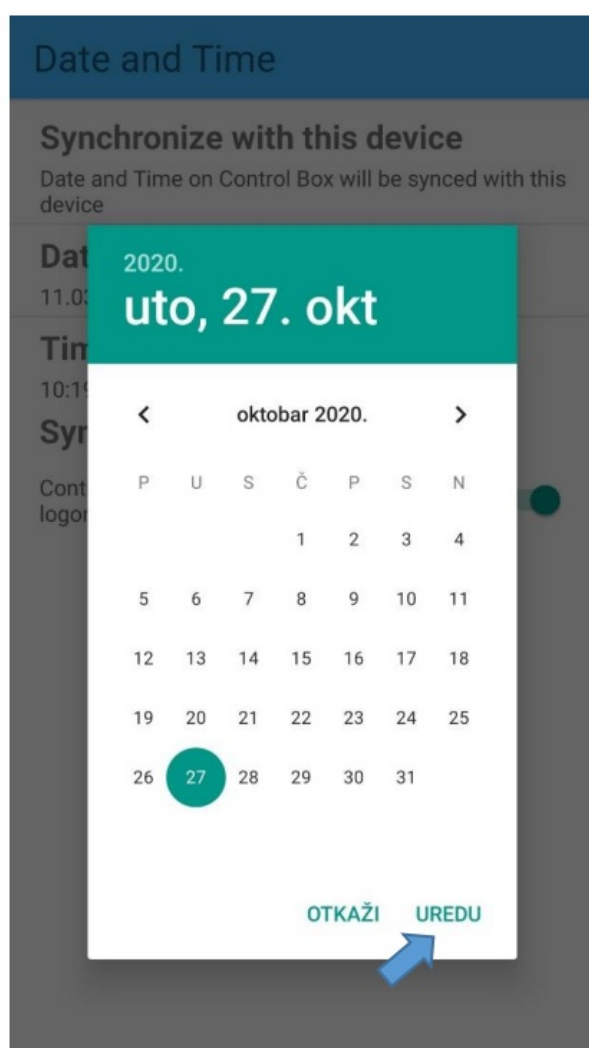
Pressing the button saves bluetooth password's changes

1.2. CONTROL BOX DATE AND TIME SETTINGS

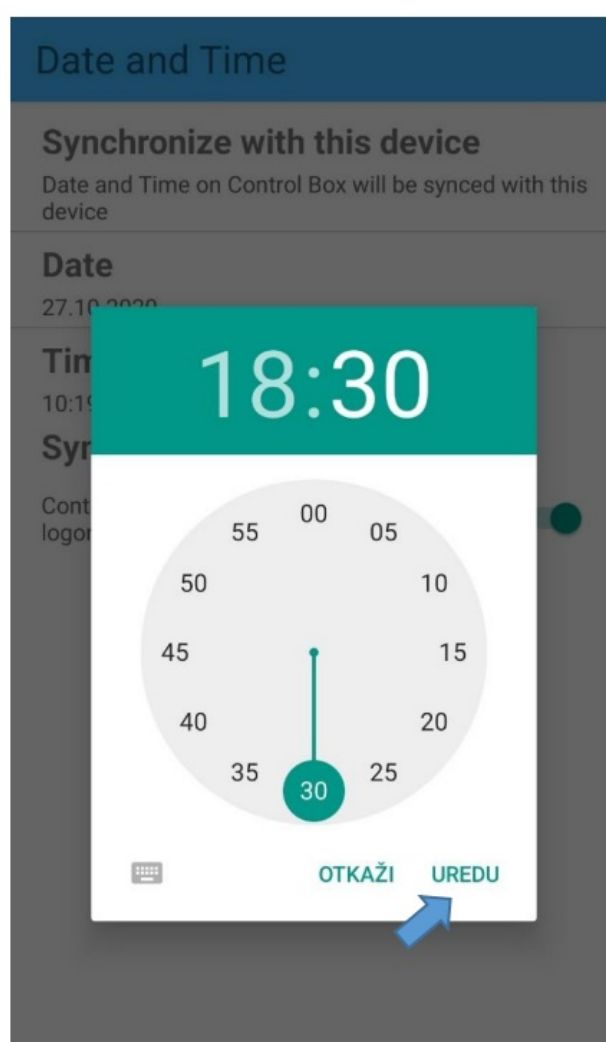
To change Control Box's date and/or time, it is necessary to select Date and Time settings on the application's main menu.



Control Box's date and time settings



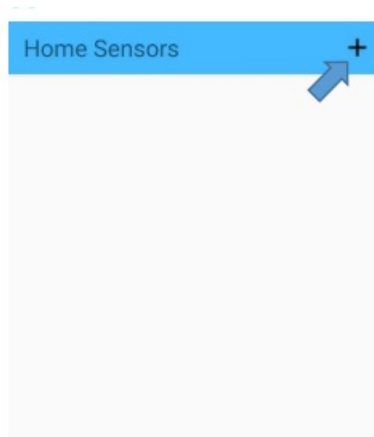
Choosing Control Box's date



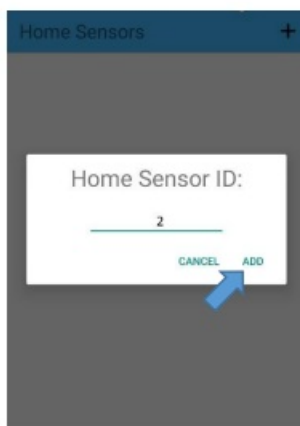
Choosing Control Box's time

1.3. ADDING HOME SENSOR TO CONTROL BOX

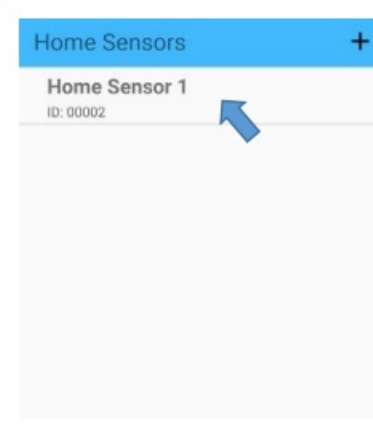
To add a new Home Sensor on the Control Box device, Home Sensors settings should be selected on the application's main menu.



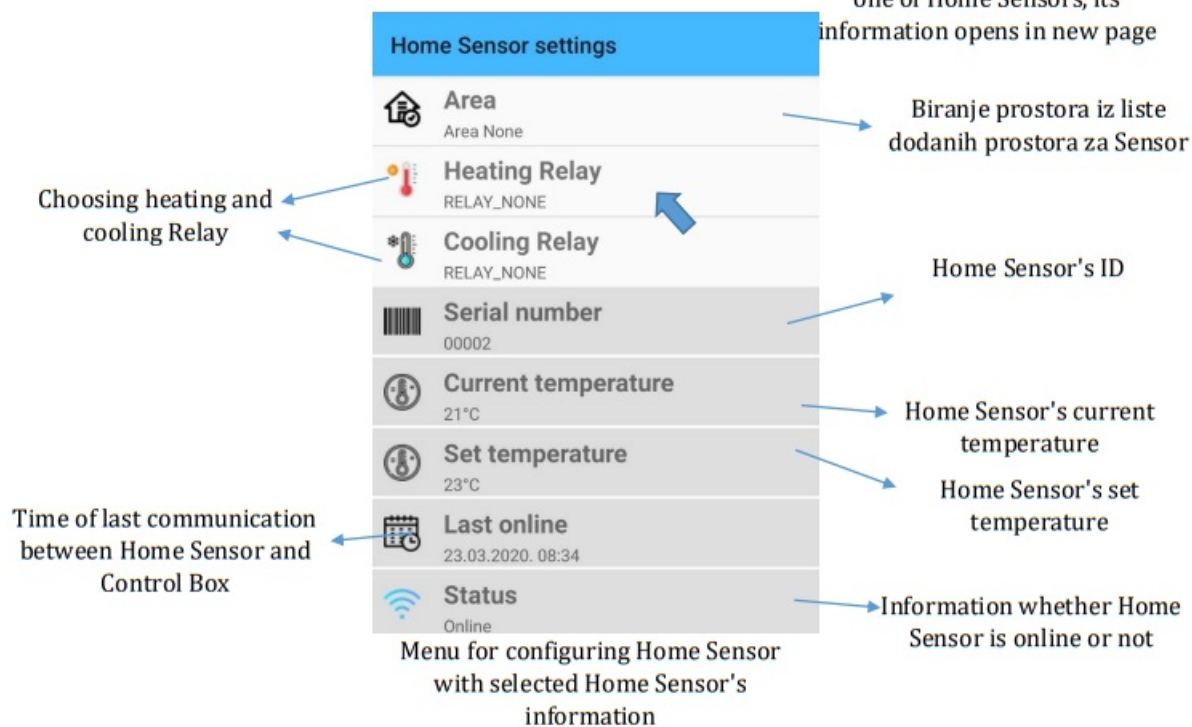
By pressing '+', dialog for entering Home Sensor ID opens



Entering Home Sensor ID: 2



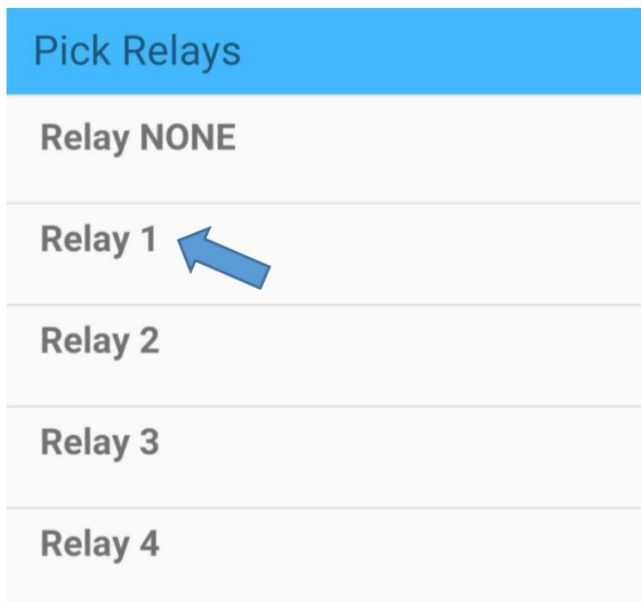
Home Sensor with ID 2 was successfully added. By selecting one of Home Sensors, its information opens in new page



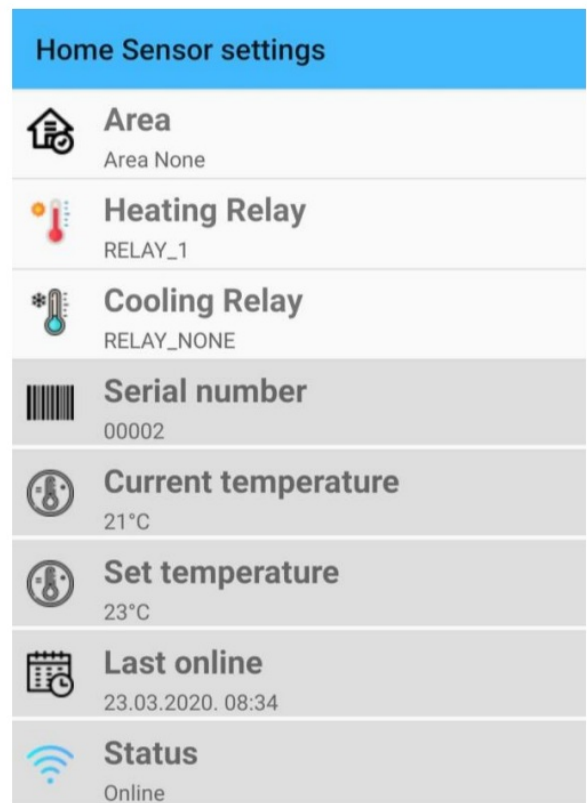
By long-pressing on one of the added Home Sensors, a dialog for deletion of that Sensor appears.

1.4. CHOOSING HEATING AND COOLING RELAYS

By pressing the button for choosing relays for heating or cooling, a new page for selecting one of 4 relays opens, as well as an option without Relays.



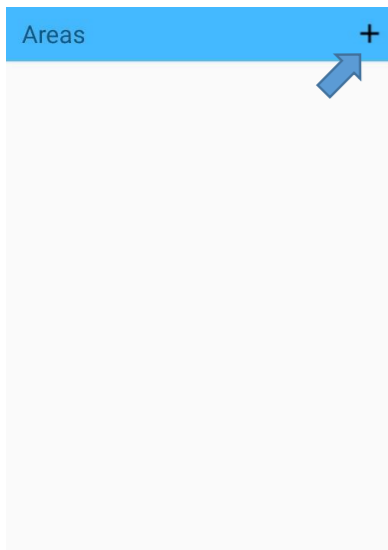
Menu for picking relay. In this example, Relay 1 for heating is selected



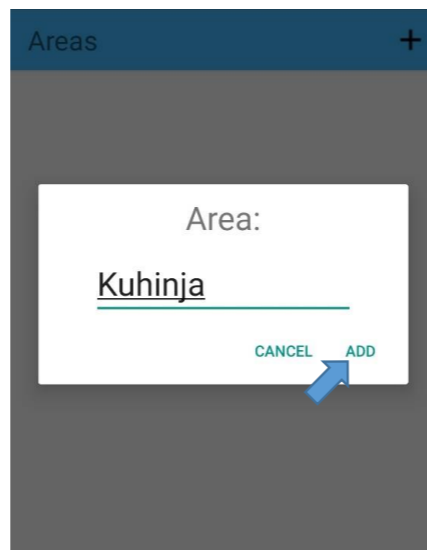
Home Sensor's settings with selected heating relay

1.5. ADDING NEW AREA ON CONTROL BOX

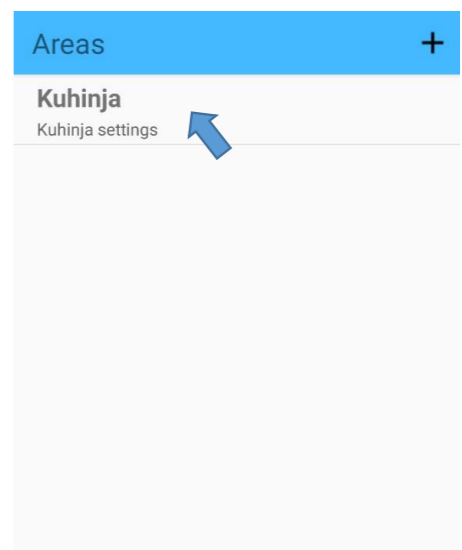
To add a new Area on the Control Box device, Area settings should be selected on the application's main menu. By long-pressing on one of the added Areas, a dialog for deletion of that Area appears. If Home Sensor is not online, instead of temperature a text will be shown to check the device.








By pressing '+', a dialog for entering Area name appears



Adding Area with the name: Kuhinja



Area with name Kuhinja was successfully added. By selecting one of Areas, its information opens

Area settings	
	Area name Kuhinja
	Regulation mode REGULATION_NONE
	Temperature span TEMPERATURE_SPAN_0_5C
	Home Sensors in Area No Home Sensors in Area
	Area programming settings PROGRAMMING_MODE_TYPE_NONE

Settings of the selected Area

















Options for configuring the selected Area:

1. Changing Area name,
2. Choosing regulation mode (No regulation – NONE, heating, cooling or heating, and cooling),
3. Regulation's temperature span (0.5°C, 1°C, 1.5°C I 2°C),
4. Adding free Home Sensor in Area
5. Choosing program mode (No program mode – NONE, 1 day, weekdays and weekends and 7 days)

1.6. ADDING HOME SENSOR IN AREA

After adding a new Home Sensor and a new Area, a newly added Home Sensor should be added in one of the Areas. There are two ways to add a Home Sensor in an Area:

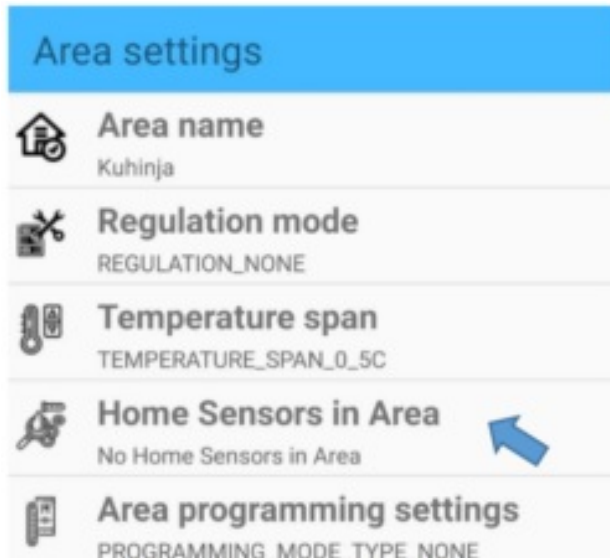
1. Adding Home Sensor in Area in Home Sensor's settings

Home Sensor settings	Pick Area for Sensor	Home Sensor settings
 Area Area None	Area None	 Area Kuhinja
 Heating Relay RELAY_NONE	Kuhinja	 Heating Relay RELAY_1
 Cooling Relay RELAY_NONE		 Cooling Relay RELAY_NONE
 Serial number 00002		 Serial number 00002
 Current temperature 21°C	List with all added Areas and also an option with no selected Area (Area None)	 Current temperature 21°C
 Set temperature 23°C		 Set temperature 23°C
 Last online 23.03.2020. 08:34		 Last online 23.03.2020. 08:54
 Status Online		 Status Online

By pressing Area in Home Sensor's settings, a list with all available Areas is shown, and also an option with no selected Area (Area None)

Home Sensor setting's view after adding Sensor in Area 'Kuhinja'

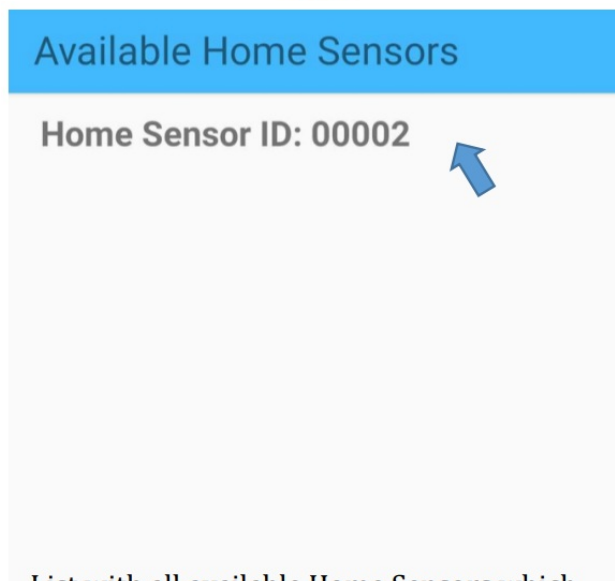
2. Adding Home Sensor in Area in Area's settings



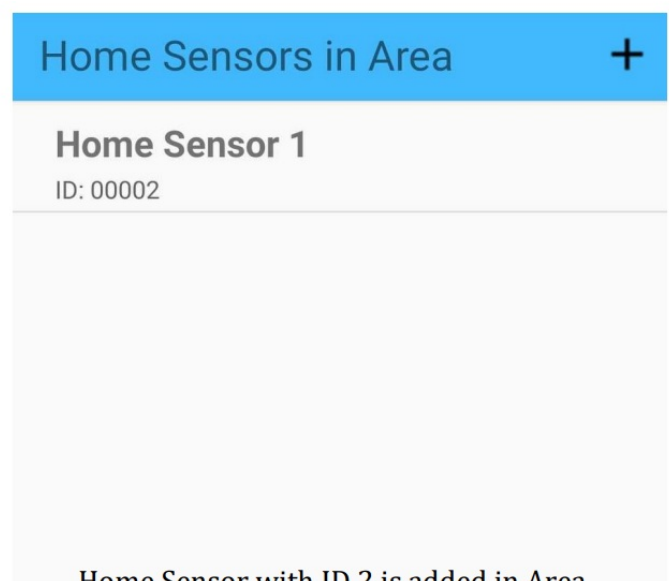
Choosing option for Home
Sensors which are in selected
Area



By pressing '+', a new list opens with all
Sensors which are not in any Area



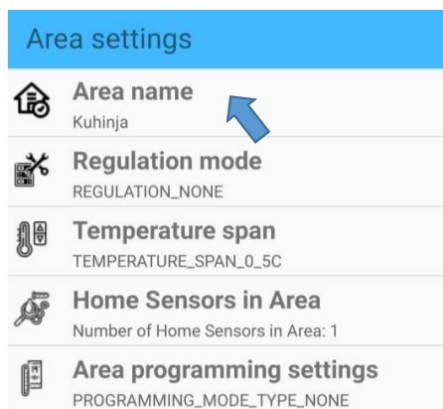
List with all available Home Sensors which
are not in any Area



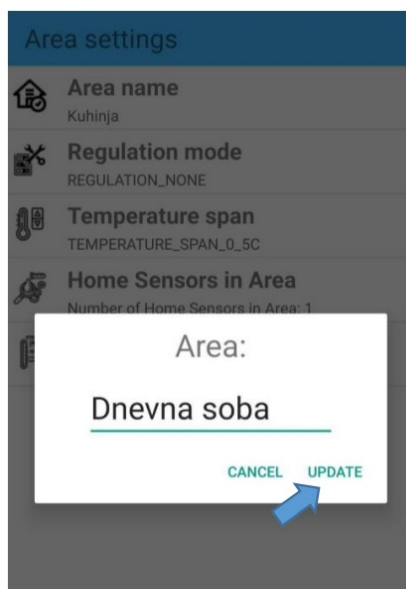
Home Sensor with ID 2 is added in Area
'Kuhinja'

1.7. CHANGING AREA'S NAME

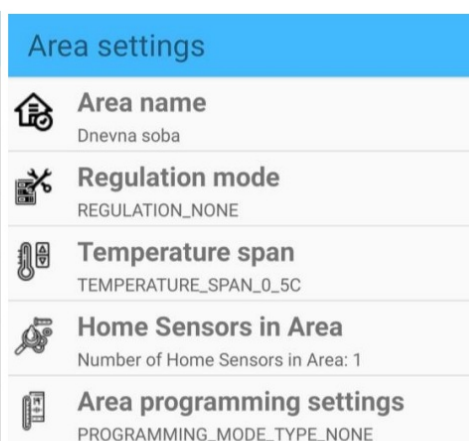
To change the name of some Areas, it should be pressed on the current Area name in Area's settings. By pressing on Area's name, a dialog for entering new name is opened.



Clicking on Area's name, dialog for entering new name opens



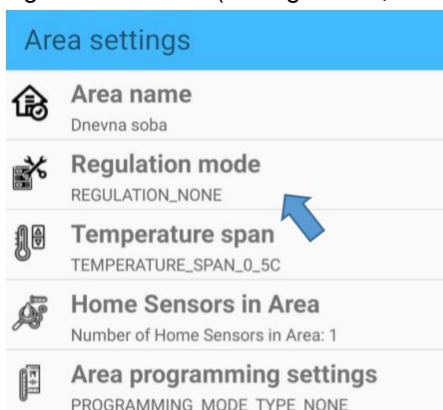
Entering new name



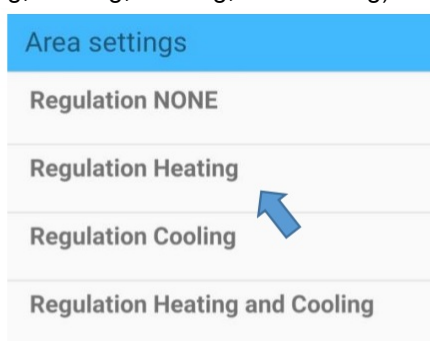
Area's information after changing Area name

1.8. CHOOSING REGULATION MODE AND TEMPERATURE SPAN

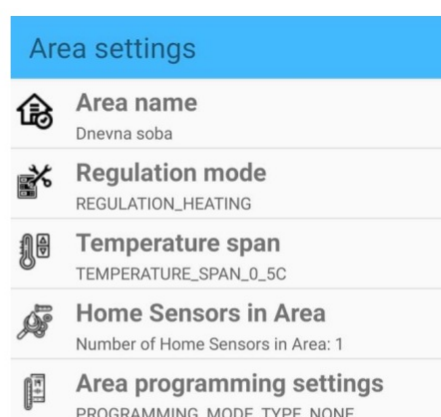
To change regulation mode, the Regulation mode should be selected in Area's settings, and choose one of 4 regulation modes (no regulation, heating, cooling, heating, and cooling).



Choosing option for changing regulation mode

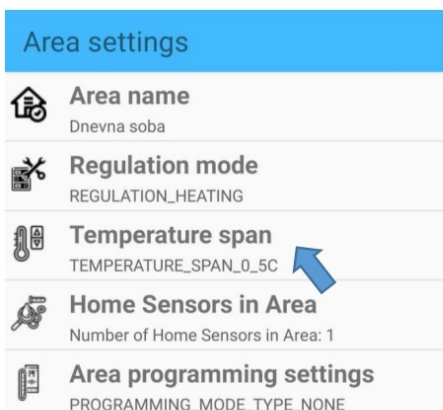


Selecting heating regulation mode

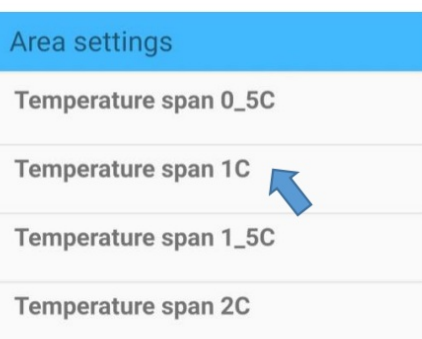


Area's information after changing regulation mode

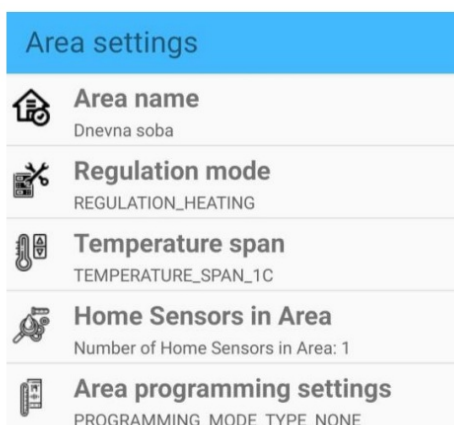
Changing temperature span is similar to changing regulation mode. In Area's settings Temperature span should be selected and one of 4 temperature spans picked.



Choosing option for changing temperature span



Picking temperature span 1°C




Area's information after changing temperature span

1.9. AREA'S TEMPERATURE SETTINGS WITH PROGRAM MODES


Setting the temperature in an Area can be done with Area's program modes.

In case no program mode (NONE) is selected, a control for selecting the temperature will be shown, but if some other mode is selected, setting the temperature is done with periods.


Area settings




Area name
Dnevna soba




Regulation mode
REGULATION_HEATING



Temperature span
TEMPERATURE_SPAN_0_5C



Home Sensors in Area
Number of Home Sensors in Area: 1



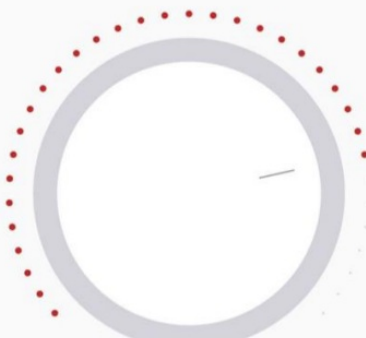
Area programming settings
PROGRAMMING_MODE_TYPE_NONE

Choosing option for Area's program mode settings

TeleThings Control Box mobile application

Area program mode settings

Change active program mode
Current mode: PROGRAMMING_MODE_TYPE_NONE


28°C

Set temperature

Current program mode

Desired temperature selected

No program mode (NONE) with temperature selection

Area program mode settings

Change active program mode
Current mode: PROGRAMMING_MODE_TYPE_7_DAYS

Day: Monday

Period 1
Start time: 00:00 / End time: 08:00
Set temperature: 20°C

Period 2
Start time: 08:00 / End time: 14:00
Set temperature: 20°C

Period 3
Start time: 14:00 / End time: 17:00
Set temperature: 20°C

Period 4
Start time: 17:00 / End time: 20:00
Set temperature: 20°C

Period 5
Start time: 20:00 / End time: 23:59
Set temperature: 20°C

Program mode 7 days with periods

Program modes:

1. No program mode (NONE) – works always the same according to set temperature
2. Program mode 1 day – Mode which works every day based on configured periods,
3. Program mode weekdays and weekend – Mode which works weekdays or weekends based on configured periods (if this mode is selected, the option for choosing weekdays or weekends is shown),
4. Program mode 7 days – Mode which works every day based on configured periods and selected day (if this mode is selected, the option for choosing a day is shown) Periods are setting the temperature in Area with start time and end time with selected temperature for every of 5 periods.

Here, no program mode (NONE) is selected and the temperature for Area Dnevna soba is set to 28°C.

1.10. CURRENT DATA OF HOME SENSORS IN AREA

By entering the menu for showing current data of Home Sensors, a list with all added Areas with their Home Sensors is shown.

Current data

Area: Kuhinja

No Home Sensors added in current Area

Current data without Home Sensors in Area

Current data

Area: Dnevna soba

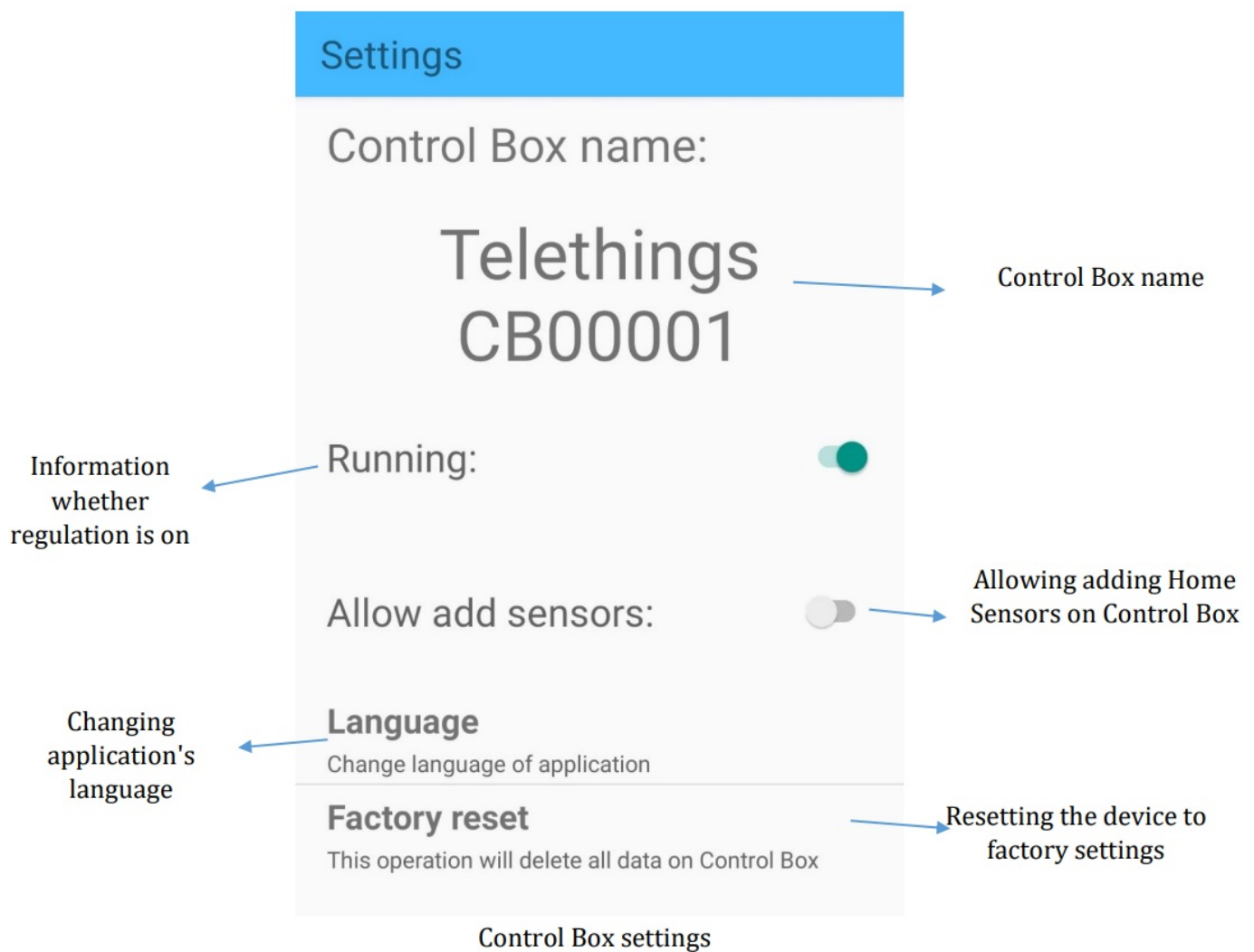
Home Sensor ID: 00002 Is online

Set temperature: 28°C / Current temperature: 20°C

Current data with Home Sensors in Area

Note that the set temperature is 28°C because it was previously set in program modes.

1.11. CONTROL BOX SETTINGS

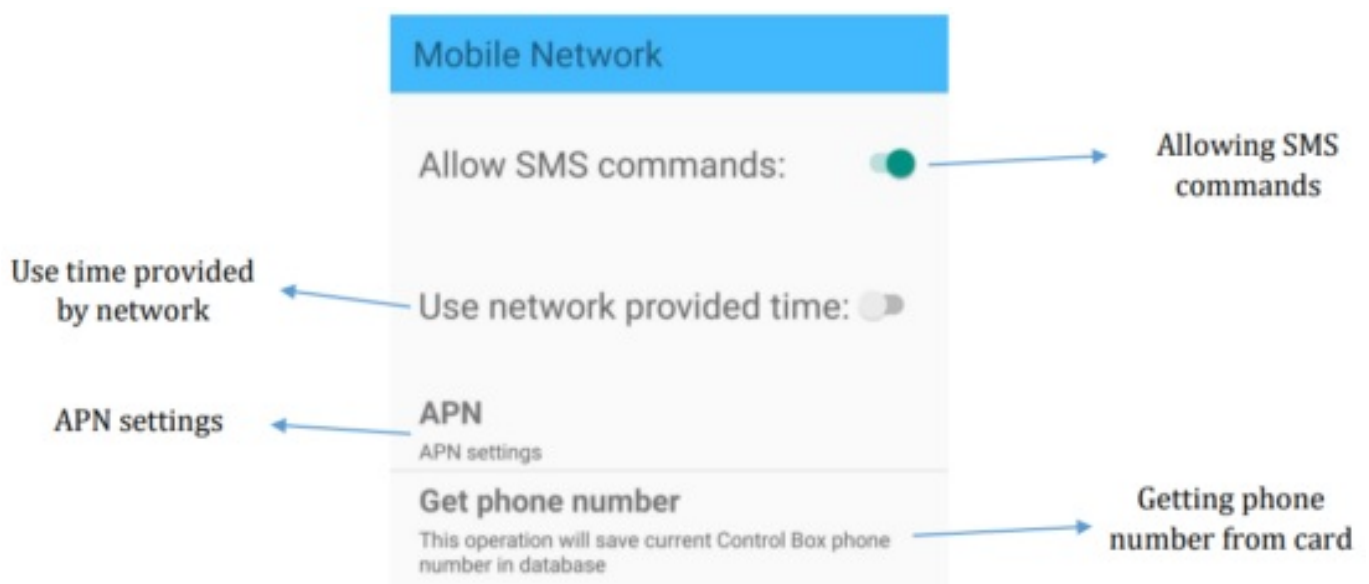


If **adding Home Sensors** is not allowed in Control Box settings, it's not possible to add Home Sensors, and it should be allowed before adding new Home Sensors. After adding a new Home Sensor on Control Box, it's recommended that **adding Home Sensors is off**.

After pressing Factory reset, a dialog for requesting a Bluetooth password is shown. If the password is correct, Control Box is being reset to factory settings and the password is changed back to 1234.

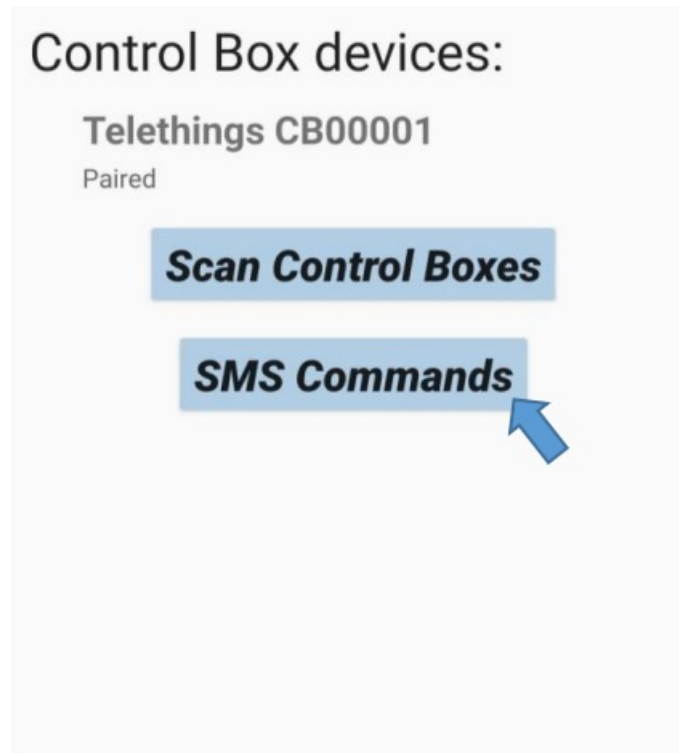
1.12. SMS COMMANDS

For SMS commands to be used correctly, SMS commands must be allowed in the Mobile Network setting, and then the phone number must be updated in the database by pressing on the option for getting a phone number.

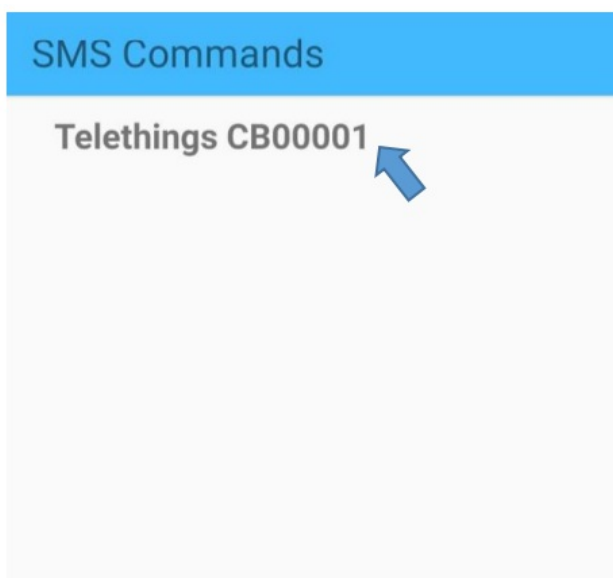


After updating the phone number from the card and allowing SMS commands, everything is ready for executing SMS commands.

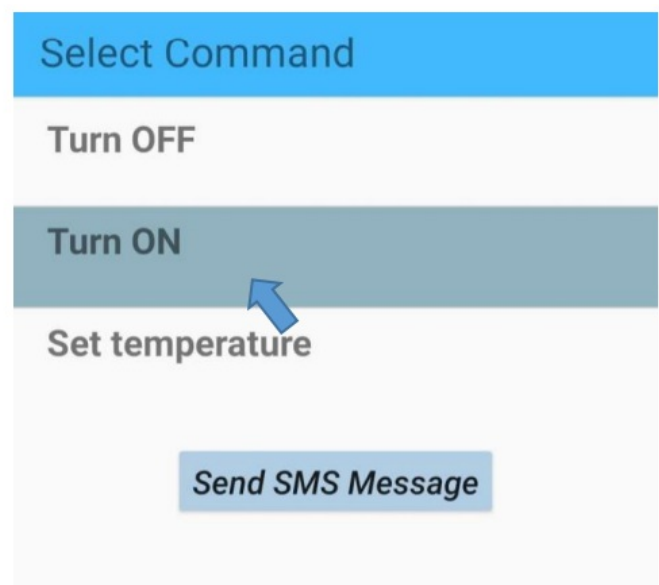
On the main screen, except for scanning for new Bluetooth devices, there is an option for entering the page for SMS commands.



By pressing button for SMS commands, a new page for SMS handling opens




Choosing the device SMS command will be sent to



Selecting command for SMS

After the device is selected for SMS commands, a new window for choosing the desired command opens. In this example, the selected command is to turn Control Box on – Turn ON. After choosing a command, the only thing left to do is press the button Send SMS Message and the message will be sent to Control Box device.

Documents / Resources

 <p>User manual: Control Box Mobile Application</p> <p>7 Telethings</p> <p>© 2018 Telethings. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage or retrieval system, without prior written permission from Telethings.</p>	<p>Telethings Control Box Mobile Application [pdf] User Manual Control Box Mobile Application</p>
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References

- [🌐 Telethings - PoAetna](#)