
Maemo Leste User Handbook

Release 0.1

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CHAPTER 1

INTRO

1.1 Basic description

- What it is
- What it's not
- Technical terms short glossary (acronyms especially) - *2.5G*
- Features known not to work / under development (some, device dependent)
- Computer-based OS concepts, vs. phone-based, vs. special features
- Apps, vs DEB packages (Apps just have an icon and descriptor file (otherwise they are deb packages))
- Compatible standards, radio, power (device dependent)

1.2 Quick-start (in short, + links to reference section)

- Warning - multi-device OS (link to device-specific info - *Device specific info [wip]*)
- How to turn the device on and off, reboot (partially device dependent)
- How to charge the battery (device dependent)
- How to clean the device (device dependent)
- How to install the SIM card and the microSD card (device dependent)
- How to navigate through the user interface (*UI Navigation* - start apps, change app settings, switch between apps, go back, close apps)
- How to change basic settings: screen brightness, sound volume (*Volume slider*), display language (*Device language*), keyboard layout (*Hardware keyboard layout & 1st language & 2nd language*), *Date & Time & Time zone*
- How to place a call
- How to access a website
- How to take a picture using the camera
- How to reset user data (*Restore original settings & Clear device*)

1.3 How-to list (links to reference section)

- Basic usage: calling, sending SMSes, internet surfing, IM, sharing files
- How to modify frequently needed settings, and how to choose different options
- How to customize the interface
- What is expected to be similar to a GNU+Linux distribution (links to Devuan docs?)

1.4 The authors and the license of this manual

The Maemo Leste User Handbook is published under the *GNU Free Documentation License*, version 1.3.

See more information on GNU.org: [GNU FDL 1.3](#).

The [Sphinx PD theme](#), included in the source (in `_themes` dir), is made by Takahiro Ikeuchi and is licenced under the [MIT licence](#).

1.5 Tools for building the manual, and their licences

To compile the documents in the best form, you will need [Sphinx](#), which is published under a [two clause BSD licence](#).

CHAPTER 2

REFERENCE

Interface and user interaction

- *Main screen (Desktop)*
- *Status menu* - modify basic options from the status menu (*Internet connection menu*, sound volume (*Volume slider*), screen brightness..)
- *Application menu*
- *Customize the main screen*

UI Navigation

- Switch between apps, the Dashboard - *Task switcher*
- Stacked windows (x switches to a back arrow, as you navigate down) - *In-app navigation*
- Navigation using buttons (device dependent) - *Device specific info [wip]* e.g. *Droid 4 hardware buttons*
- Exit menus without a cancel button - *Area around menus*

In-app menu

- Touch the title (some apps have a small down arrow - not the QT ones) - *In-app menu*

Notifications

- *For missed calls*
- *For received SMS*
- For received IM
- *For received emails*

Input and keyboard

- Some devices have keyboards, others don't - *Device specific info [wip]*
- Keyboard layout, etc.
- Hardware vs. virtual keyboard

2.1 Customization

- Themes: how to change *Themes*, how to add themes (from the Application Manager)
- *Language & region*: how to select a different language - *Device language*
- *Profiles* (silent, normal, etc) and sound. This is about sounds the device makes, but also for example vibration when touching the screen.
- *Clock & Alarms* - How to check and change the time and zones, how to set alarms

2.2 Hardware settings

- *Display* settings
- USB connection - gadget -> network; OTG -> mouse should work (not storage, etc.)
- HDMI - screen mirroring works only from cli [wip]

2.3 Connectivity

- SIM card configuration, How to connect to mobile data (*Internet connection menu* & *Internet connections*), set APNs (*Edit (Mobile connection)*) [wip]
- WiFi (*Internet connection menu* & *Internet connections*) - How to connect to wireless, how to manage wireless connections and such. Probably also mention that various supported *WPA* types (*New (Wi-Fi connection)*).
- Bluetooth: How to set up bluetooth, for example keyboard, for example headset, etc.

2.4 Communication tools

- Phone calls: SIP/VoIP calls, regular calls [wip]
- Contacts: contacts application, how to import/export, how to synchronise contacts
- Email: cover email application and how it works, notifications
- VoIP and IM: accounts (*VoIP and IM accounts*) - which ones we currently support, how to set them up, etc [wip]

- VoIP and IM: Telepathy, Conversations software, how to chat with others using it, notifications [wip]
- Group chats [wip]

2.5 Internet tools

- Web browser: how to use it (QTWebBrowser)

2.6 Security

- Tor: How to use it
- Wireguard: how to use it

2.7 Office tools

- Calendar: how to use it and how to synchronise
- PDF reader

2.8 Multimedia & Entertainment

- Photos: camera application, how to make photos
- Images: how to view images
- Music / media player: Default application, how to use it [wip]
- eBook reader (Dorian)
- Games, game emulators

2.9 Navigation & location

- Navigation and GPS: How to use GPS and navigation
- Maps only app (no routing)
- New maps app [wip]

2.10 System administration

2.10.1 Application Manager

- How to install applications

2.10.2 File management

- Standard file locations

2.10.3 File synchronisation

2.11 Device specific info [wip]

Droid 4

Pinephone

2.12 Troubleshooting

2.12.1 Missing important features

- Notifications don't work for IM [wip]

- USB connection - gadget -> network; OTG -> mouse should work (not storage, etc.)
- Virtual keyboard terminal workarounds
- Scrolling inconsistencies (scrolling should work in QT apps, using arrows on hw keyboard as workaround)
- enabling mobile network roaming only works through cli

2.12.2 Known bugs

- Black text on black (style bug - should be fixed soon)
- Slow scroll (driver dependent)
- Ephemeral contacts in contact list (based on the contact rosters of online accounts) show as *(No name)*
- Error about diversions when upgrading using apt - fix by removing the diversion `$ sudo dpkg-divert --remove /lib/udev/rules.d/85-input-devices.rules`
- In *Language & region*, the option *Date format* should probably be named *Regional format*, since it refers to decimal and thousands separator. The date format is determined by the device language.
- The *Hardware keyboard layout* doesn't seem to change. Possible bug.
- Word completion doesn't seem to work. Possible bug.

2.12.3 Unexpected behavior

- It's not possible to move a shortcut from another desktop view then the currently displayed one (you need to see it in order to select it, and you cannot move between views when editing, only when adding a new one). See *Add shortcut*.

- Disabling a view by using *Manage views* will delete the shortcuts from that particular view, without warning. Make sure you move the shortcuts you want to keep to another view, before disabling the view.
- Manually changing the desktop image (outside of a theme) from *Change background* -> *More* will only change the image of the current desktop view. Each view should then have a different image, and if any fluid transition between views is desired, then that particular image should be prepared (split accordingly) in advance, in an external program.
- Sometimes the in-app menu arrow indicator is not shown. The QT applications usually don't have it.
- Some applications only work in landscape mode (e.g. email, calendar)
- When changing *Themes*, you have to still manually change the wallpaper by selecting the wallpaper corresponding to the theme from *Change background* in the Desktop menu
- Pressing on *Pair new device* to pair a new external *GPS* device seems to not do anything.

2.12.4 Leftovers

- Nokia-branded (Nokia, Ovi) features in certain places
- The *Network positioning* service seems to not work. `supl.nokia.com` is given as default server, which seems to not be reachable anymore.

2.12.5 What do do in certain situations

- When the phone doesn't turn on (volume down + power to reset)
- When the phone is stuck (volume down + power to reset)
- When the battery doesn't charge (boot to Android)
- When you want to boot into Android (select Android from boot menu / remove SD card)

2.13 Advanced

2.13.1 Tips

How to choose a good password

- minimum numbers of characters
- no dictionary names (except for passphrases)
- numbers and special characters
- different than others
- password managers

2.13.2 Structural details

2.13.3 Useful cli commands

- connect via SSH
- bluetooth (for now it works only from cli)
- mirror screen to HDMI
- enable mobile network roaming

2.14 To-do

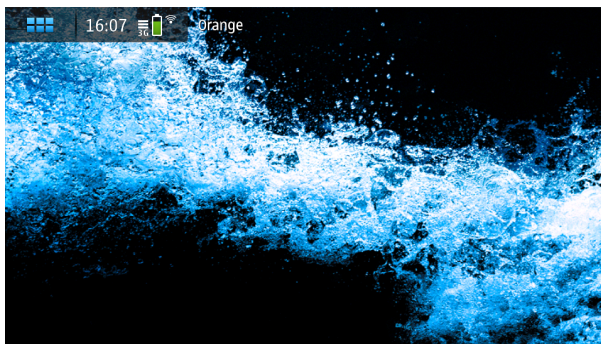
- What is the *Secure device* option doing?
- Which is the default *Device lock* code?

CHAPTER 3

INTERFACE AND USER INTERACTION

3.1 Main screen (Desktop)

When you start the device, unlock the screen, or explicitly go to the main screen, you are greeted with the following interface:



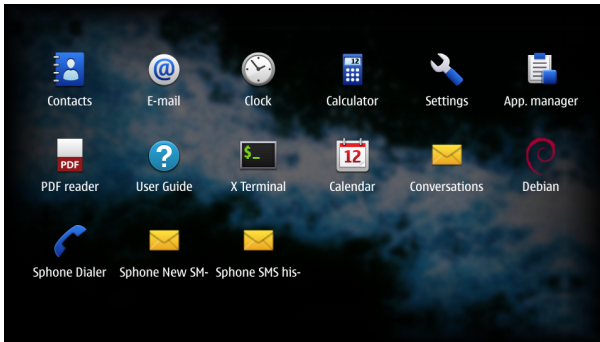
On top of the screen there is, from left to right:



1. *Application menu* button
2. *Status area*
3. *Status menu* (tap on status area)
4. *Current mobile network*
5. *Desktop settings button* (appears when you touch anywhere on the main screen)

3.1.1 Application menu

If you tap on the Application menu button, the Application menu is displayed, which shows the installed applications.
















3.1.2 Status area

In the status area you have in short, the status of the device, and of its main functions.



To the left there's the clock display, then, some icons representing the status of different functions.

-  An alarm is active
-  Battery level
-  Mobile signal strength
-  Current mobile network generation *4G, 3.5G, 3G, 2.5G or 2G*
-  Silent profile
-  An USB connection is active
-  The mobile data connection is active
-  A wifi connection is active
-  Bluetooth is on
-  Bluetooth is connected
-  SIM card not available
-  GPS location is active
-  A phone call is in progress

Note: If you tap on the status area, you will get the *Status menu*

3.1.3 Current mobile network

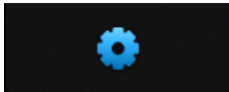
When there is an active mobile network connection, the name of the network is written on top of the screen.



Note: The network name is displayed on top of the screen only when you're in the main screen. Otherwise, the name of the app is displayed there instead.

3.1.4 Desktop settings button

Tapping anywhere on the screen will make the settings button appear on the top right of the screen.



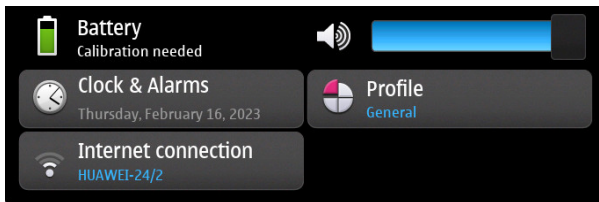
Tapping on this button will allow you to *Customize the main screen*

3.2 Status menu

Tap on status area on top of the screen.



You are then greeted with the following menu:



You will have the following options (from top to down, and left to right):

1. *Battery (read only)*
2. *Clock & Alarms button*
3. *Internet connection menu button*
4. *Volume slider*
5. *Profile selector button*

3.2.1 Battery (read only)

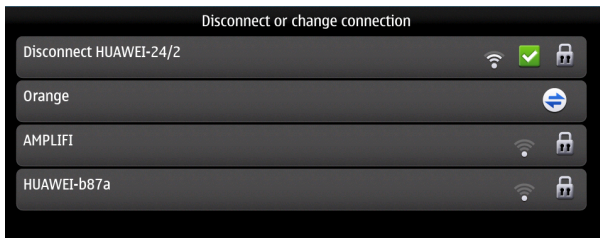
The battery charging level is displayed here.

3.2.2 Clock & Alarms button

Selecting this will open the *Clock & Alarms* application, allowing you to set the date and hour, and manage alarms.

3.2.3 Internet connection menu

By tapping on the Internet connection button in the *Status menu*, you will be greeted with the following menu:



From here you can enable the currently available Wifi or mobile data connections, or disable the currently active one.


Tip: This is different than the *Internet connections* section in Settings. From here it's easier to connect to new Wifi networks.






You connect to a Wifi or mobile data connection by tapping on it.

The connection that has the “Disconnect” prefix, and has a green check button, is the currently active internet connection.

Tap on it to disconnect from it.

The symbols to the right of each connection give information about the connection.

The connection type is Wifi


-  The connection type is mobile data
-  The currently active connection
-  The Wifi connection is secured (and password protected) using WPA.
-  The Wifi connection is secured (and key protected) using WEP.
-  The Wifi connection is not secured (and not password protected).

3.2.4 Volume slider

The volume level can be adjusted by dragging this slider, from minimum, to the left, to maximum, to the right.

Tip: You can also adjust the volume level by pressing the volume keys, if your device has them. See *Device specific info [wip]*.

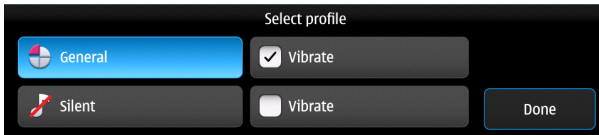
You will have feedback on the volume level adjustment through the presence of this volume indicator:



3.2.5 Profile selector

From here you can switch sound profiles, between the available ones.

To edit the default normal and silent profiles, or to create new custom profiles, go to *Profiles* in Settings.

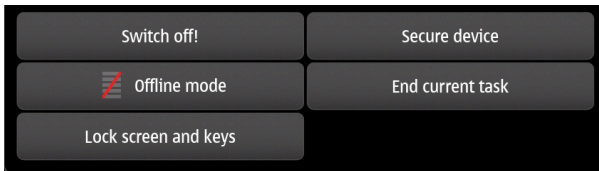


Checking the Vibrate option besides each of the profiles in the list enables vibration when that profile is active.

3.3 Power options menu

Here you can choose actions related to device power.

This menu appears when you press the power button. Usually any device should have one, but in any case, check *Device specific info [wip]*.



Available actions:

1. *Switch off!*
2. *Offline mode*
3. *Lock screen and keys*
4. *Secure device*

5. *End current task*

3.3.1 Switch off!

Turn the device off (power it down).

3.3.2 Offline mode

Disconnect from all networks (similar to *Airplane mode*).

3.3.3 Lock screen and keys

Lock the device (screen and keys).

<p>Warning: If you have <i>Device lock</i> activated, to unlock the device you will have to input the lock code.</p>

Tip: To lock screen and keys, you can also press two times fast (double click) the power button.

3.3.4 Secure device

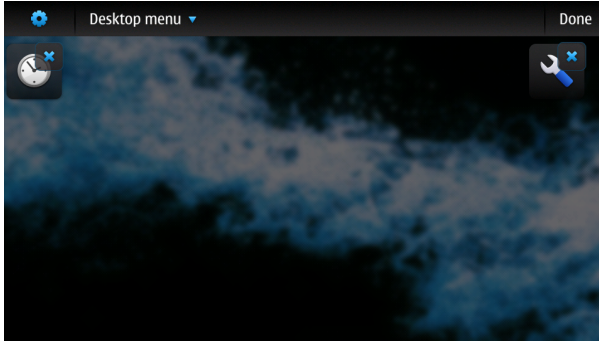
3.3.5 End current task

End the current task (application).

Note: This option is present only when inside of an application.

3.4 Customize the main screen

Tapping on the *Desktop settings button* will allow you to customize the *Main screen (Desktop)*.



The screen background will fade-out, and the shortcuts on the current desktop view will be shown. If there are none, an empty screen will be displayed.

Here you can change the positioning on the screen of the existing shortcuts. To add new shortcuts, access the *In-app menu* and *Add shortcut*.

Note: *Unexpected behavior:* It's not possible to move a shortcut from another desktop view then the currently displayed one (you need to see it in order to select it), so make sure you move to the correct one before tapping on the settings button. Adding a new shortcut, though, is possible, from any desktop view.

From here, you can access the *In-app menu* of the desktop settings, to customize the current desktop view.

The following menu will be shown:

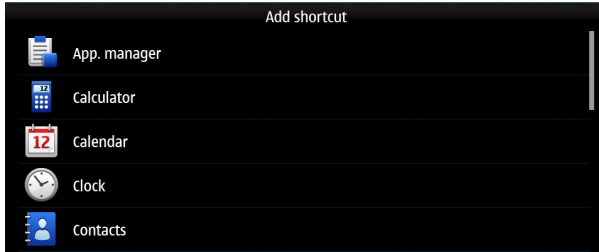


You will have the following options:

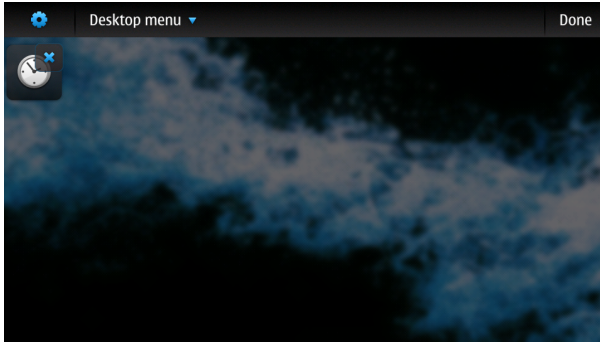
1. *Add shortcut*
2. *Manage views*
3. *Change background*
4. *Themes*

3.4.1 Add shortcut

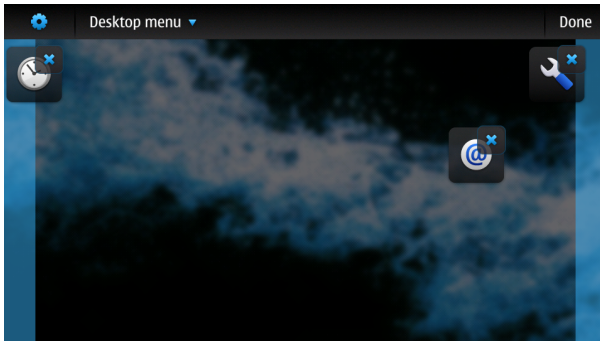
When you select the Add shortcut option, a list of available shortcuts will be shown.



Select the desired shortcut, from the list. It will be placed on the first available free spot in the current desktop view.



From there, tap and drag it to move it anywhere on the screen. You can then add more, and move them to organize them.

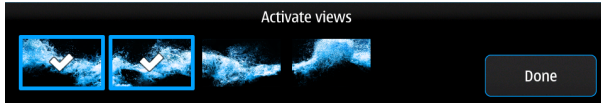


Tapping on the small X on the top right of each shortcut, deletes it.

Moving a shortcut to the right or left edge of the screen, allows you to move it to another screen.

3.4.2 Manage views

Tapping on Manage views will show you the list of desktop views.



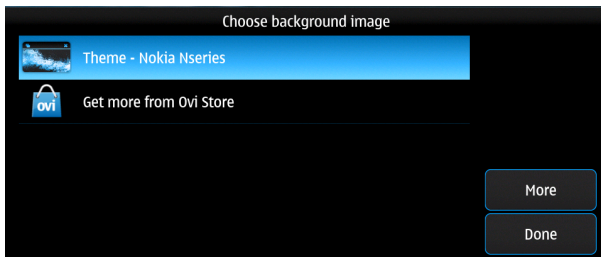
You can enable or disable views. Check a view to enable it.

The maximum number of views is four.

Warning: *Unexpected behavior:* Disabling a view will delete the shortcuts from that particular view, without warning. Make sure you move the shortcuts you want to keep to another view, before disabling the view. One way to tell which screen is which, is by comparing walpapers of each view. Otherwise you will have to add them again, see [Add shortcut](#).

3.4.3 Change background

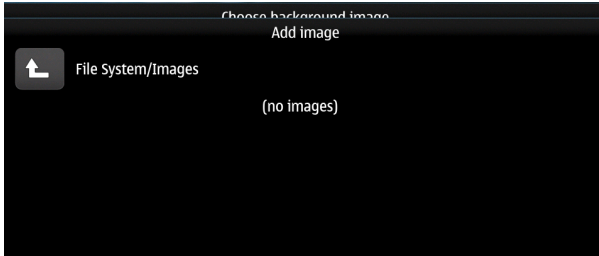
Tapping on Change background will allow you to change the desktop background.



One way to change the desktop background is to select one of the available *Themes*.

Note: *Leftovers:* Get more from Ovi Store option doesn't work, since this is part of the old Maemo system, and thus the Ovi Store is not available.

Tapping on more allows you to use custom images as background image.

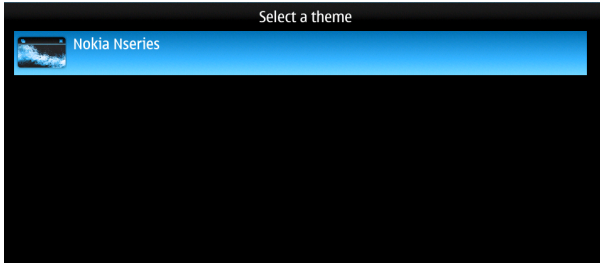


Navigate through the File System, to the desired image file.

Note: *Unexpected behavior:* Manually changing the desktop image (outside of a theme) will only change the image of the current desktop view. Each view should then have a different image, and if any fluid transition between views is desired, then that particular image should be prepared (split accordingly) in advance, in an external program.

3.4.4 Themes

Tapping on themes gives you a list of the available themes that you can pick from, to have an uniform design look of the interface.



3.5 UI Navigation

To navigate through the device's interface, you have three areas of control:

1. *Top-left area*
2. *Top-right area*
3. *Area around menus*

3.5.1 Top-left area

Depending on where you are, here the following can be shown:

The App menu (Task launcher) button



Tapping on it will take you to the *Application menu*

The dashboard (Task switcher) button



Tapping on it will take you to the *Task switcher*

The blinking dashboard (task switcher)



button

When the dashboard button is blinking, it means that you have unread *Notifications*.

3.5.2 Top-right area

Depending on where you are, here the following can be shown:

The X button



Tapping on it will close the current application. See *In-app navigation*.

The back arrow



Tapping on it will take you to the previous window/menu of the current application. See *In-app navigation*.

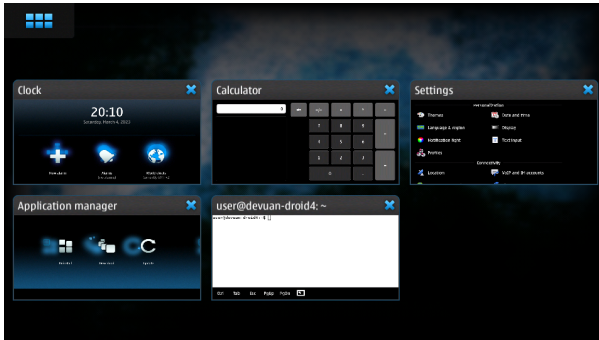
3.5.3 Area around menus

When you are in a menu, you can close that menu and go back to the previous screen or application, by tapping in the empty area around it.

Tip: When you want to exit a menu without saving any changes, and that menu doesn't have a cancel button, tapping outside of it will do exactly this.

3.5.4 Task switcher

Tapping on the task switcher button in the *Top-left area* will take you to the task switcher, showing stacked snapshots of all the currently running applications, from where you can switch between apps.



Depending on how many apps you have open, they there will be shown stacked on more or fewer rows.

Tapping on a app snapshot will switch to that app, and will show it on full-screen.

Tapping on the small X button on top right of each application window, will close that particular app.

When in the task switcher, the button in the *Top-left area* switches to App menu (Task launcher) button.

Tip: To open the task switcher, you can also use the home button (if the device has it), see *Device specific info [wip]*.

Pressing it while already in the Task switcher takes you to the App menu (Task launcher).

Tip: From an application, tap on the task switcher button

once, to switch to another application, or tap on it twice, to start a new application without closing the current one.

3.5.5 In-app navigation

The windows in an application are stacked.

When you select an option, press a button, or open a menu, the previous window will be go to the back as you navigate further through the application.

In the *Top-right area*, depending on whether you are in the main application window or not, the button shown will either be:

An X



A back button



The X button, which closes the application, will switch to a back arrow, when you navigate away from the main window of the application.

Tapping on that arrow will take you back to the previous window or menu, until you will reach the main window of the application, when the back arrow will switch back to the X button.

Tip: To go back, you can also use the back hardware button (if the device has it), see *Device specific info [wip]*

3.5.6 Progress indicator

When this rotating graphical symbol (also called a throbber) is being shown next to a menu or window title, it means that something is being worked out, or processed, and that you should wait until the current action is finished, until taking another action.

3.5.7 In-app menu

Touching the title of a currently application or window, will open the in-app menu, where you can access settings of that application/window.

The presence of the in-app menu is (some-



times, see note below) signaled by this down-pointing arrow.

Note: *Unexpected behavior:* Even if this arrow is not shown, tapping on the title of the application will show the in-app menu.

Tip: To access the in-app menu, you can also use the menu hardware button (if the device has it), see *Device specific info [wip]*

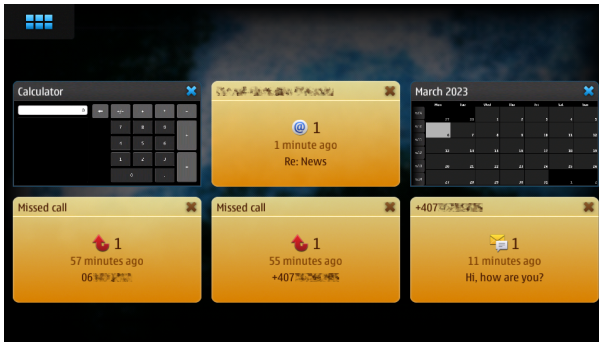
Menus don't have a In-app menu of themselves, only windows have it.

3.6 Notifications

Notifications appear as part of the task switcher.

When there are new notifications, the dashboard button in the *Top-left area* will be highlighted/blinking.

When you have more applications open, and more active notifications, the *Task switcher* (dashboard) will look like this:

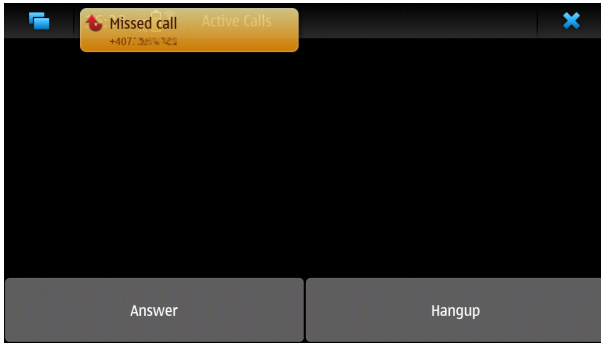


Types of notifications:

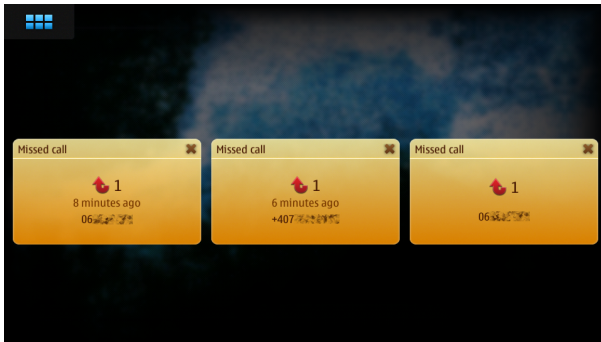
1. *For missed calls*
2. *For received SMS*
3. *For received emails*

3.6.1 For missed calls

When you fail to pick up a call, the following pop-up with the text *Missed call* and the phone number will be shown:



Then, the missed call will be notified in the *Task switcher* (dashboard). Here, three calls were successively missed:

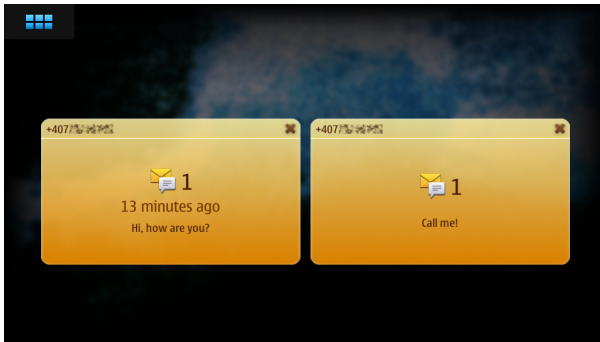


3.6.2 For received SMS

When you receive an SMS, and the screen is unlocked, a pop-up with the text of the message and the phone number will be shown:

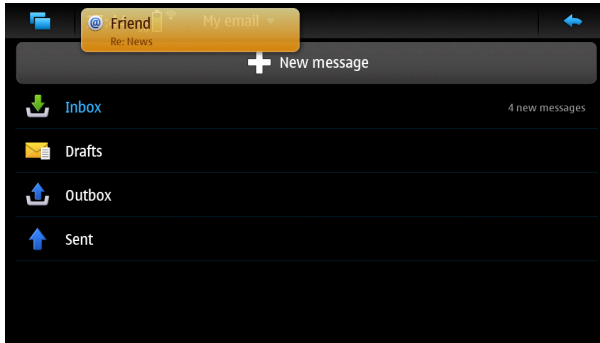


Unread SMS messages are notified in the *Task switcher* (dashboard). Here, there are two unread messages:

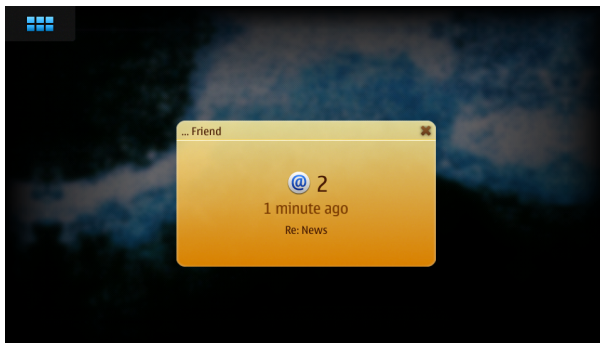


3.6.3 For received emails

When you receive an email, and the screen is unlocked, a pop-up with title of the message and the name of the sender will be shown:

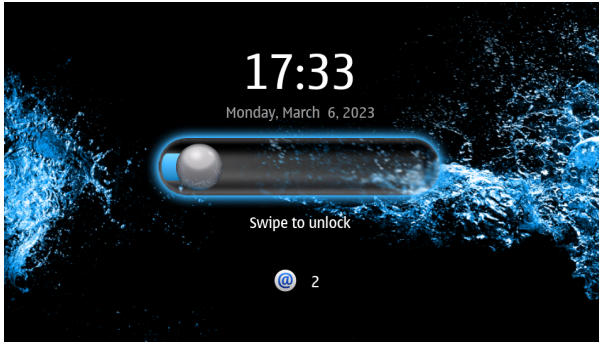


Unread emails are notified in the *Task switcher* (dashboard):



The number after the @ email logo represents the number of unread emails, here, two.

The same way, the number of unread emails is also shown on the lockscreen:



3.7 Input and keyboard

3.7.1 Hardware keyboard

Some devices have hardware keyboards, others don't.

For details about what a particular model has, and how the keys of the hardware keyboard match the layout, see *Device specific info [wip]*

3.7.2 Virtual keyboard

The virtual keyboard is especially useful when the device is being used in portrait mode (for devices with a sliding keyboard), or for devices without a hardware keyboard. See *Device specific info [wip]*

The first layer of the keyboard contains the lowercase letters, and some of the most used punctuation marks:



You get to the second layer of the keyboard by pressing the Shift key:



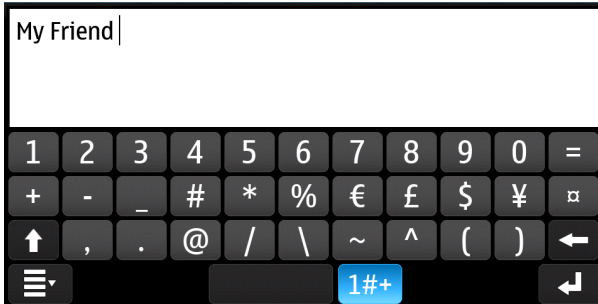
The second layer contains the capital (uppercase) letters, and the other most used punctuation marks:



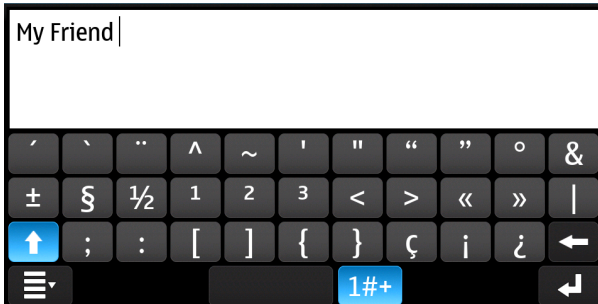
You get to the third layer of the keyboard, by pressing the Numeric key:



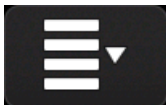
The third layer of the keyboard contains the numbers, and other punctuation marks and symbols:



By pressing both the Numeric and Shift keys, you get to the fourth layer, which contains less used punctuation marks and symbols:



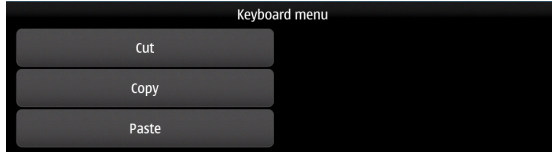
To quickly access some tools related to the keyboard, tap on the Keyboard menu key:



A menu will be shown, from which you can choose the following:

1. Cut (move the selected text somewhere else)

2. Copy (Copy the selected text somewhere else)
3. Paste (insert here the text you cut, or copied from somewhere else)



If you have two languages set for *Text input*, they will be visible in this menu, too, and you can switch between them from here:



3.7.3 Keyboard layout

You can set the layout for the hardware keyboard, and two layouts for the virtual keyboard from *Text input* in Settings.

You can then switch between the two preset layouts of the virtual keyboard, from the Keyboard menu of the *Virtual keyboard*.

3.7.4 Editing text

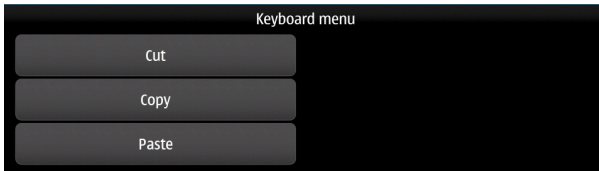
To select text, swipe your finger from the start point to the end point of the text you want to select.



To copy text, press *CTRL* (The actual key on the keyboard might differ, see *Device specific info [wip]*) and *C*

To paste copied text, press *CTRL* (The actual key on the keyboard might differ, see *Device specific info [wip]*) and *V*

To copy or move text using the virtual keyboard, use the options from the menu of the *Virtual keyboard*.



You can also move text by dragging the selected text to another position.



CHAPTER 4

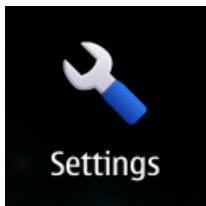
SETTINGS

Note: Using this app, you can change the device settings.

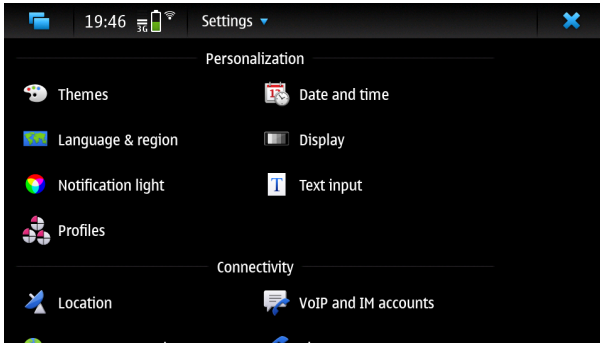
Open the applications list



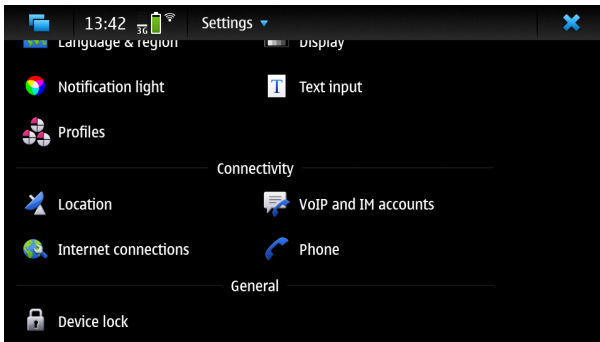
Open the Settings application



You will be greeted with the following settings list:



The list goes on two screens:



The available options are grouped in three sections, plus in the *In-app menu*:



1. Personalization

1. *Themes*
2. *Language & region*
3. *Notification light*
4. *Profiles*

5. *Date and time*

6. *Display*

7. *Text input*

2. Connectivity

1. *Location*

2. *Internet connections*

3. *VoIP and IM accounts*

4. *Phone*

3. General

1. *Device lock*

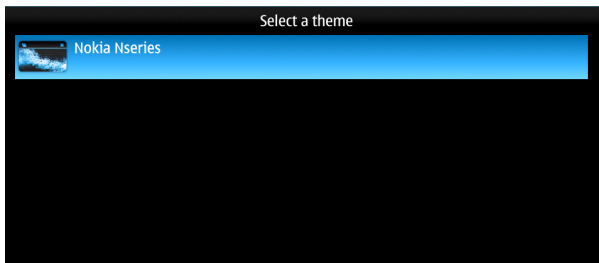
4. In-app menu

1. *Restore original settings*

2. *Clear device*

4.1 Themes

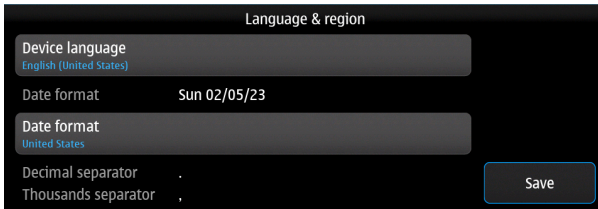
You have a list of available themes that you can pick from, to have an uniform design look of the interface.



Note: You can install more themes from the *Application Manager*.

4.2 Language & region

You will be greeted with the following screen:



The following options will be available:

1. *Device language*
2. *Date format (read-only)*
3. *Date format*
4. *Decimal separator (read-only)*
5. *Thousands separator (read-only)*

Warning: Saving these settings will require the device to reboot

4.2.1 Device language

You will be shown a list, through which you can scroll and select your desired interface language:



Note: You can also type to search, but you will need to have a method of *Input and keyboard* layout which includes the potentially special characters of the language you search for, since native language names are being used.

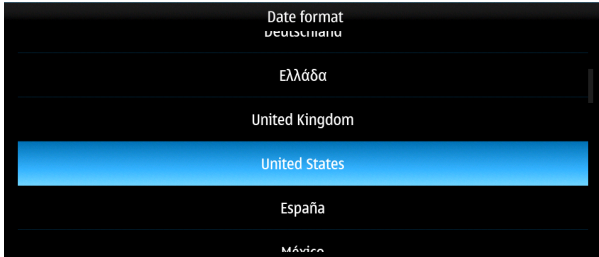
4.2.2 Date format (read-only)

This shows how the date is being displayed based on the currently set *Device language*.

4.2.3 Date format

Note: This is probably a bug, while it should be named Regional format, instead of date format. See *Known bugs*.

You will be shown a list, through which you can scroll and select the country corresponding to the your desired regional format:



4.2.4 Decimal separator (read-only)

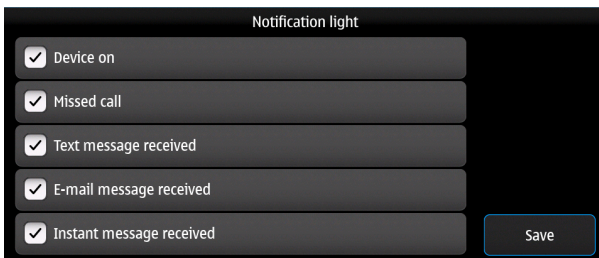
This shows which decimal separator is being used, based on the currently set *Date format*.

4.2.5 Thousands separator (read-only)

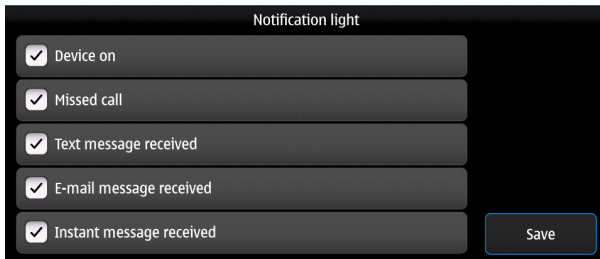
This shows which thousands separator is being used, based on the currently set *Date format*.

4.3 Notification light

You will be shown a menu from where you select the desired settings regarding notifications using the LED light.



The options go on two screens:



The following options are available:

1. *Device on*
2. *Missed call*
3. *Text message received*
4. *E-mail message received*
5. *Instant message received*
6. *Charging*
7. *Other notifications*

Check the situations when you would like to have notifications signaled by the LED (if your device has one - see see *Device specific info [wip]*)

4.3.1 Device on

Use the notification light to show that the device is on, when the display is off.

4.3.2 Missed call

Notify missed calls.

4.3.3 Text message received

Notify when there's an incoming text message (SMS).

4.3.4 E-mail message received

Notify when there's a new e-mail message received.

4.3.5 Instant message received

Notify when there's an incoming instant message (IM).

4.3.6 Charging

Notify when the device's battery is charging.

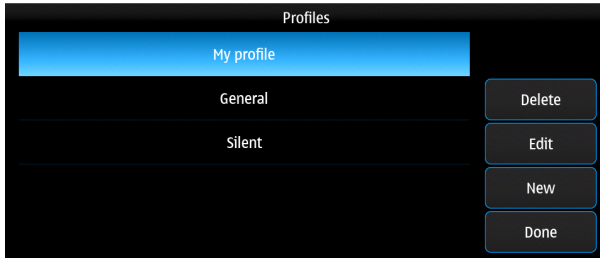
4.3.7 Other notifications

Notify all other events.

4.4 Profiles

Selecting *Profiles* gives you the list of the existing sound profiles.

Besides the default General and Silent, you can make your own custom profiles.



Here you have the following options:

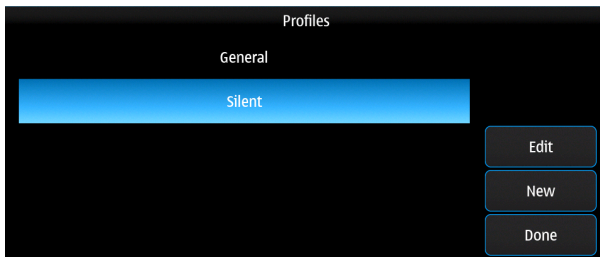
1. *Delete (profile)*
2. *Edit (profile)*
3. *New (profile)*

When finished modifying settings, tap on *Done*.

4.4.1 Delete (profile)

Tap on *Delete* to remove the selected custom profile.

The default profiles cannot be deleted, so the *Delete* button won't be present if you have no custom profiles configured.



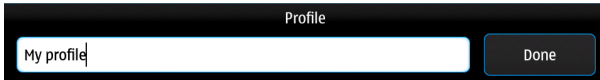
4.4.2 Edit (profile)

Tap on *Edit* to modify the sselected profile.

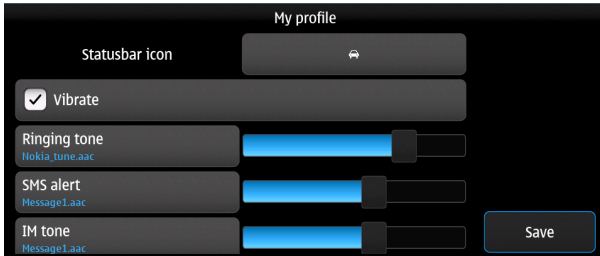
Editing profiles gives the same options as when creating a *New (profile)*.

4.4.3 New (profile)

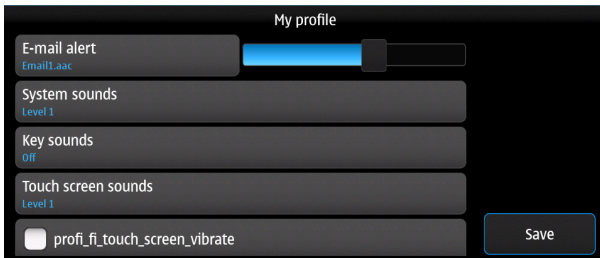
Start by giving the new profile a name. See *Input and keyboard* about how to input text.



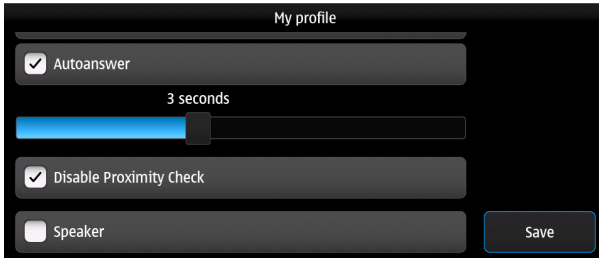
Then, when you tap on *Done*, a menu with options will appear.



The menu goes on more pages.



Some options' availability depends on enabling others.

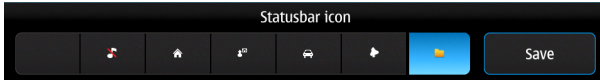


We have the following settings for a profile:

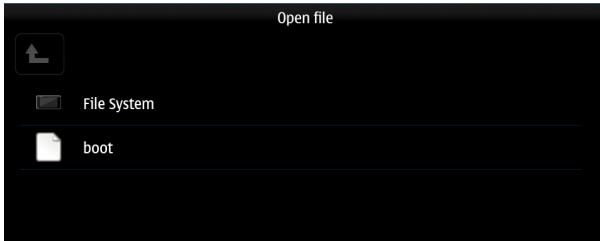
1. *Statusbar icon*
2. *Vibrate*
3. *Ringing tone*
4. *SMS alert*
5. *IM tone*
6. *E-mail alert*
7. *System sounds*
8. *Key sounds*
9. *Touch screen sounds*
10. *Touch screen vibrate (profi_fi_touch_screen_vibrate)*
11. *Autoanswer*
12. *Autoanswer timer slider*
13. *Disable proximity check*
14. *Speaker*

Statusbar icon

Here you can choose which icon will be shown in the *Status menu*.



Tapping on the folder icon allows you to pick a custom icon from the *filesystem*.

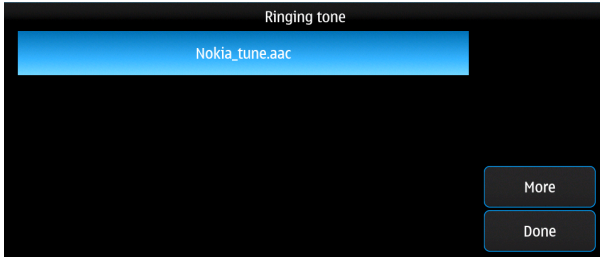


Vibrate

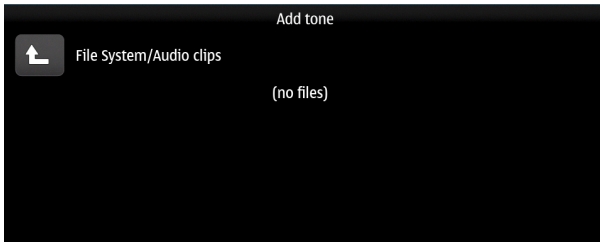
Checking this enables vibration for the current profile.

Ringing tone

Here you can select which sound will be played as ringing for an incoming call.

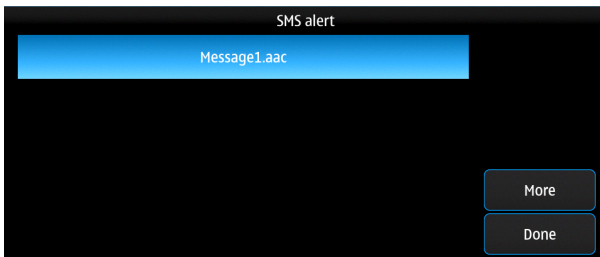


Tapping on more allows you to pick a custom audio file from the *filesystem* as ringing tone.



SMS alert

Here you can select which sound will be played as an alert for an incoming text message (SMS).

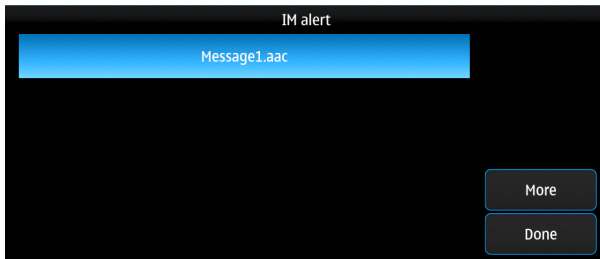


Tapping on more allows you to pick a custom audio file from the *filesystem* as SMS alert, similar as for picking a custom *Ringing*

tone.

IM tone

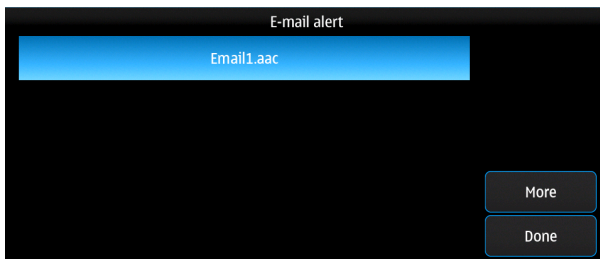
Here you can select which sound will be played as an alert for an incoming instant message (IM).



Tapping on more allows you to pick a custom audio file from the *filesystem* as IM alert, similar as for picking a custom *Ringing tone*.

E-mail alert

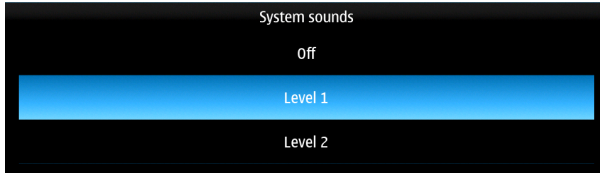
Here you can select which sound will be played as an alert for a new email.



Tapping on more allows you to pick a custom audio file from the *filesystem* as e-mail alert, similar as for picking a custom *Ringing tone*.

System sounds

Here you can select the volume level of system sounds.

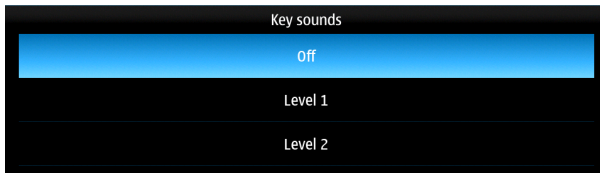


You can select between:

- **Off** - there will be no system sounds played.
- **Level 1** - the system sounds will be less loud
- **Level 2** - the system sounds will be louder

Key sounds

Here you can select the volume level of key sounds (sounds made when pressing/tapping a key on the keyboard).

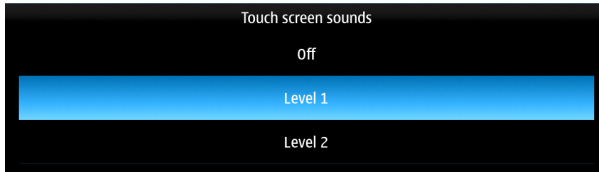


You can select between:

- **Off** - pressing keys will make no sound.
- **Level 1** - the key sounds will be less loud
- **Level 2** - the key sounds will be louder

Touch screen sounds

Here you can select the volume level of touch screen sounds (sounds made when tapping on the screen).



You can select between:

- **Off** - touching the screen will make no sound.
- **Level 1** - the touch screen sounds will be less loud
- **Level 2** - the touch screen sounds will be louder

Touch screen vibrate (`profi_fi_touch_screen_vibrate`)

Check to enable vibrating when touching the screen.

Autoanswer

Check to enable automatic call answering.

Autoanswer timer slider

Set the the time after which the call is automatically answered.

Disable proximity check

Check to disable proximity check when automatically answering calls.

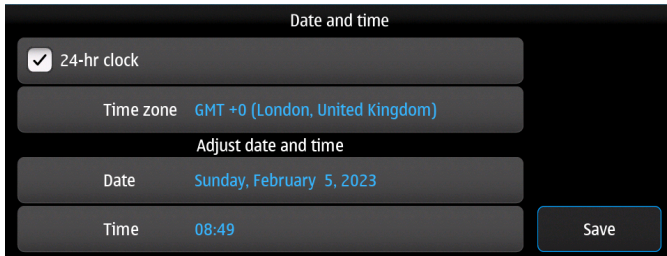
If this is checked, the call will be automatically answered even if the device is not held to the ear.

Speaker

Check to answer the call in loudspeaker mode (?).

4.5 Date and time

You will be greeted with the following menu:

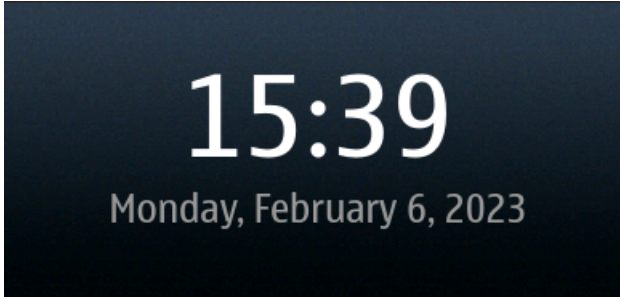


The following options will be available:

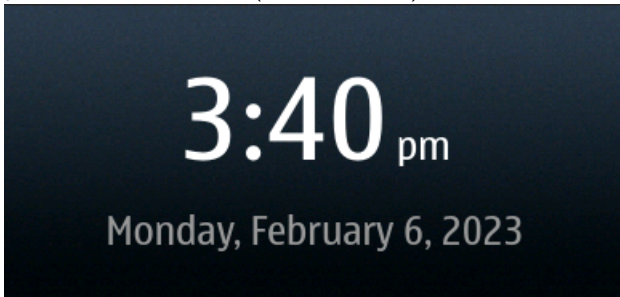
1. *24-hr clock*
2. *Time zone*
3. *Date*
4. *Time*

4.5.1 24-hr clock

When ticked, the clock will be displayed as 24-hour (also called military time).

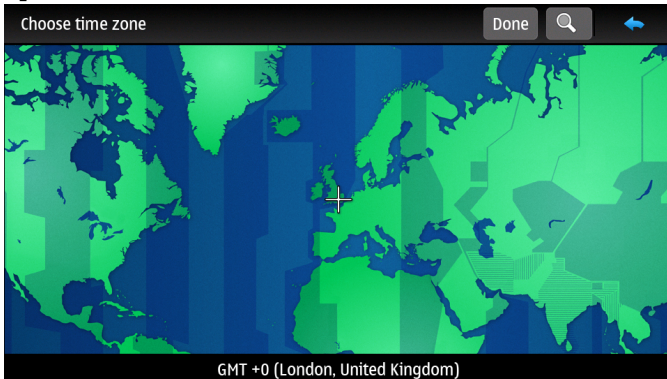


Untick it, and hit the Save button, and then the clock will be displayed as 12-hour clock (AM and PM).



4.5.2 Time zone

You will be shown a map, where the current place is shown (and its time zone and name written on the bottom of the screen), and from where you can change it, by selecting the place which is closest to your location (or one which is in your local timezone). You can select the place by choosing it from the map.

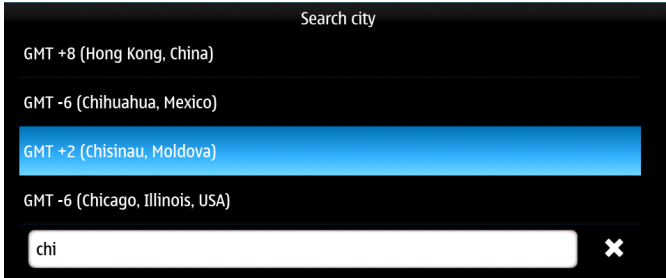


When ready, tap on *Done*, at the top of the screen, if you want to save the changes.

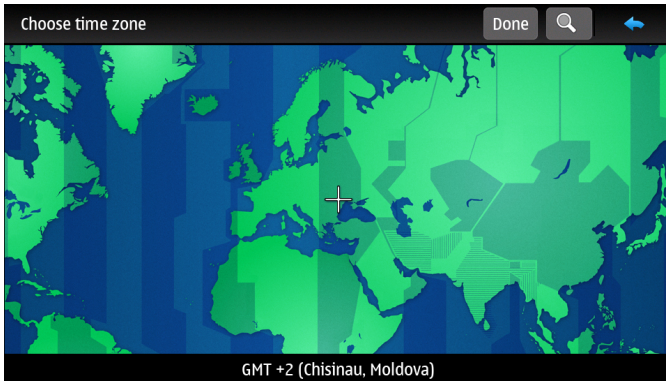
Note: You can also search for a place by tapping on the magnifier on top of the screen.



And then you can type to search for a place to select as your local time place.



Your new time zone location will then be displayed.



When ready, tap on *Done*. Otherwise, search for a different place.

4.5.3 Date

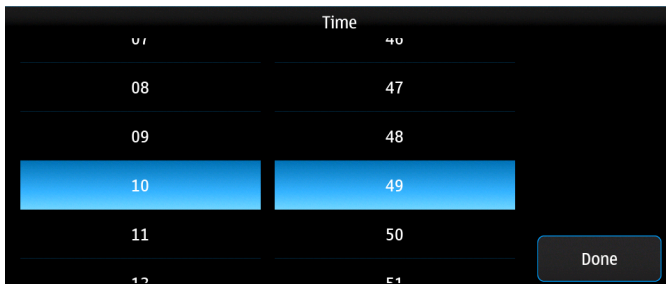
A menu will appear, from which you can select the current date.



Then tap on *Done* when ready selecting.

4.5.4 Time

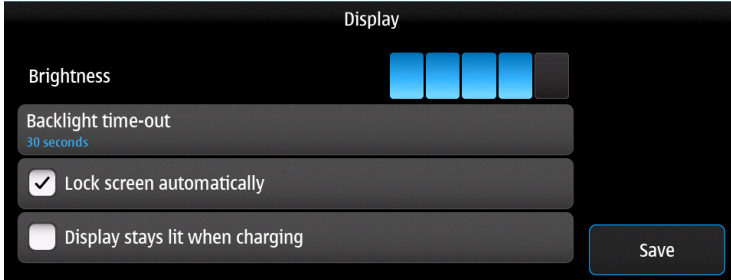
A menu will appear, from which you can select the current time.



Then tap on *Done* when ready selecting.

4.6 Display

Here you can adjust the display settings.



You have the following options:

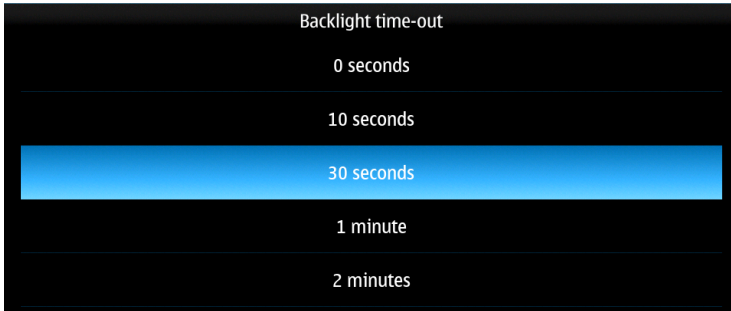
1. *Brightness*
2. *Backlight time-out*
3. *Lock screen automatically*
4. *Display stays lit when charging*

4.6.1 Brightness

By dragging the slider to the left or right, you can decrease, or respectively increase the display brightness level.

4.6.2 Backlight time-out

Here you can set the backlight timeout (how much the screen will be still on after the last interaction with the device).



You have the following options:

0 seconds

10 seconds

30 seconds

1 minute

2 minutes

4.6.3 Lock screen automatically

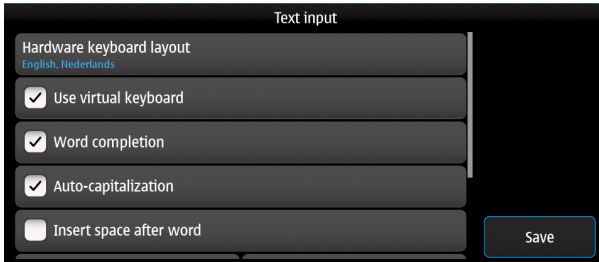
Check to lock screen automatically when it turns off.

4.6.4 Display stays lit when charging

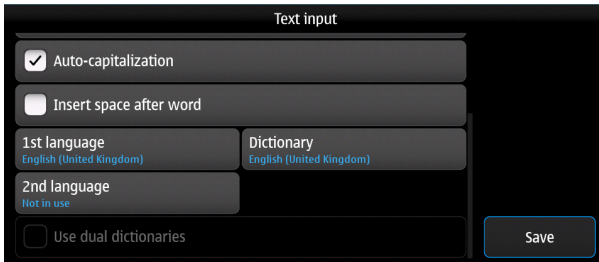
Check to always keep the display on when charging the device (when power is plugged in).

4.7 Text input

When you select Text input from *Settings*, the following menu is shown:



The menu is long, so it goes on two pages:

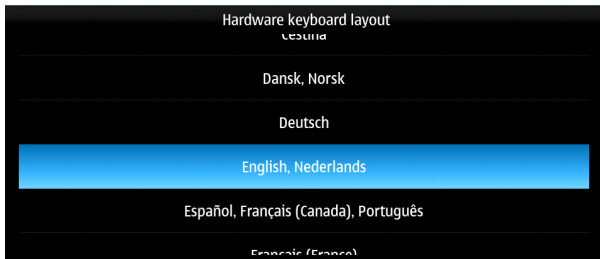


You will have the following options:

1. *Hardware keyboard layout*
2. *Use virtual keyboard*
3. *Word completion*
4. *Auto-capitalization*
5. *Insert space after word*
6. *1st language*
7. *2nd language*

8. *Dictionary (of the 1st language)*
9. *Dictionary (of the 2nd language)*
10. *Use dual dictionaries*

4.7.1 Hardware keyboard layout



Note: The layout for the hardware keyboard doesn't seem to change. Possible bug. See *Known bugs*

4.7.2 Use virtual keyboard

This enables the use of virtual (on-screen) keyboard.

If this is disabled, the virtual keyboard won't work, but you can still use the hardware keyboard, if your device has one (see *Device specific info [wip]*).

4.7.3 Word completion

This enables automatic word completion.

Note: Word completion doesn't seem to work. Possible bug.
See *Known bugs*

4.7.4 Auto-capitalization

This enables automatic capitalization of words at the beginning of sentences (the first letter after *full stop + space*, or *full stop + new line* will be uppercase - the first letter after only *new line* won't be uppercased). The effects of this setting can be changed by using the *SHIFT* key (for the exact key name on your device, see *Device specific info [wip]*).

4.7.5 Insert space after word

This option enables adding a space after each word chosen through the *Auto-capitalization* option.

4.7.6 1st language

From here you can select the layout number one, of the virtual keyboard.



You can have two layouts set, between which you can switch. Select the second layout from the option *2nd language*.

4.7.7 Dictionary (of the 1st language)



4.7.8 2nd language

From here you can select the layout number two, of the virtual keyboard.



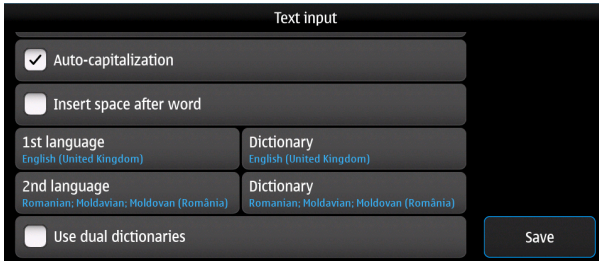
You can have two layouts set, between which you can switch. Select the first layout from the option *1st language*.

4.7.9 Dictionary (of the 2nd language)



4.7.10 Use dual dictionaries

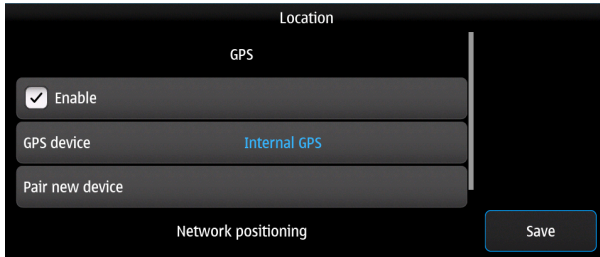
This option is active only if you have two languages set. Then, the *Text input* menu's second page looks like this:



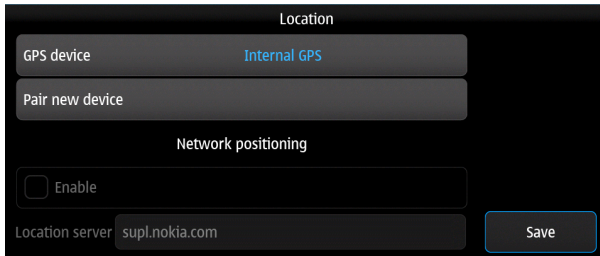
Then, when this is enabled, words are being searched for in both languages, when using *Word completion*.

4.8 Location

Here you can adjust the location-related settings, such as those for the GPS, or for the network-based location detection:



There's also a second page:



The options here are in two categories:

1. *GPS*
2. *Network positioning*

4.8.1 GPS

For the *GPS*, the options are the following:

1. *Enable (GPS)*
2. *GPS device*
3. *Pair new device*

Enable (GPS)

Checking this enables the *GPS* device, using it for satellite-based location detection.

GPS device

Here you can select between the available *GPS* devices, such as the internal one, or any externally connected ones.



Pair new device

Here you can connect to (pair) an external *GPS* device, to use it for location detection.

Note: *Unexpected behavior:* Pressing on *Pair new device* to pair a new external *GPS* device seems to not do anything.

4.8.2 Network positioning

Here are the settings for the network-based location detection:

1. *Enable (Network positioning)*
2. *Location server*

Note: Possible *Leftovers:* The network positioning service seems to not work. `supl.nokia.com` is given as default server, which seems to not be reachable anymore.

Enable (Network positioning)

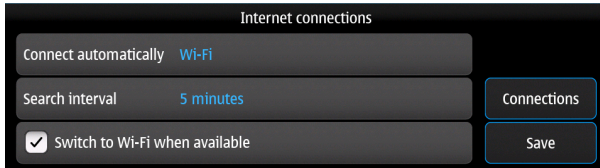
Checking this enables network positioning, using it for mobile network-based location detection.

Location server

Choose the server which is being used to provide network positioning.

4.9 Internet connections

From here you can configure the ways to connect to *internet*, through *Wi-Fi*, or through mobile networks.



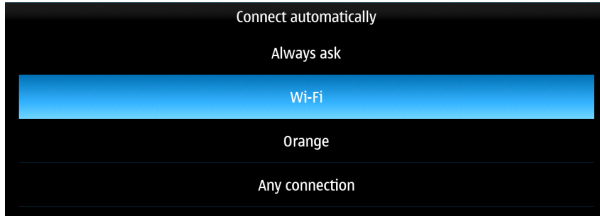
You have the following options:

1. *Connect automatically*
2. *Search interval*
3. *Switch to Wi-Fi when available*
4. *Connections*
5. *Save (Internet connections)*

Tip: If you just want to connect to a visible *Wi-Fi* network, or to an already-known-to-work mobile connection, it's easier to do it from the *Internet connection menu*.

4.9.1 Connect automatically

This options specifies whether any type of connection should be automatically activated, and which.



1. *Always ask*
2. *Wi-Fi*
3. *Mobile connection (Orange)*
4. *Any connection*

Always ask

Never automatically connect, ask each time instead.

Wi-Fi

Automatically connect to available saved *Wi-Fi* networks.

Mobile connection (Orange)

Automatically connect to mobile data.

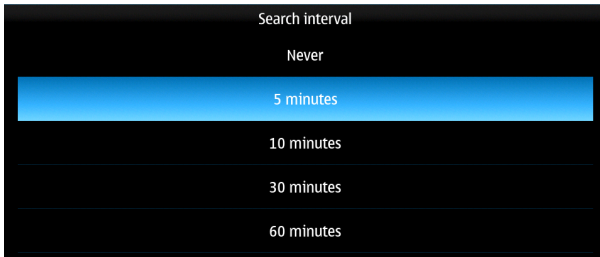
Note: In this case the available network was Orange, so the name of the network appears here as an option for auto-connect.

Any connection

Connect automatically to any available connection, be it *Wi-Fi* or mobile.

Note: To set the priority, *Wi-Fi* over mobile, or the other way around, see *Switch to Wi-Fi when available*.

4.9.2 Search interval



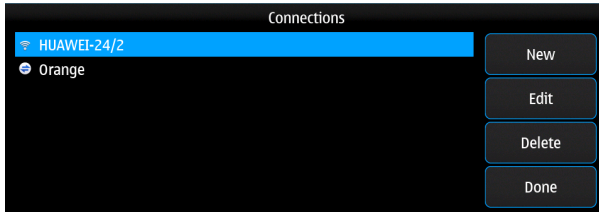
4.9.3 Switch to Wi-Fi when available

Check to give priority to *Wi-Fi* over mobile data, when a saved *Wi-Fi* connection is available.

Especially useful when connecting to *Any connection* is active.

4.9.4 Connections

Here you can see the list of saved *Wi-Fi* networks, and the available mobile network:



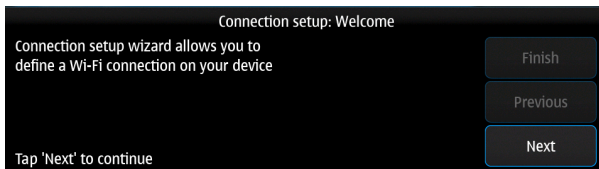
And you have the following options:

1. *New (Wi-Fi connection)*
2. *Edit (Wi-Fi connection)*
3. *Edit (Mobile connection)*
4. *Delete (Connections)*
5. *Done (Connections)*

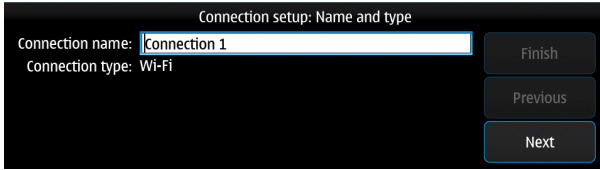
New (Wi-Fi connection)

You will be carried through a multi-page configuration wizard.

On each of the steps, after you finished configuring the options on that page, you go forward by pressing *Next*, or backwards, to the previous page, by pressing *Previous*.



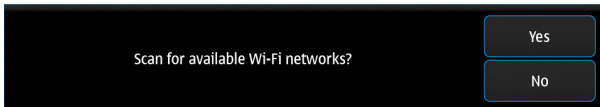
Tap *Next* to continue.



Write a network name. See *Input and keyboard* about how to input text.

The network name is a local name, like a bookmark, so it can be different than the network's actual name (SSID).

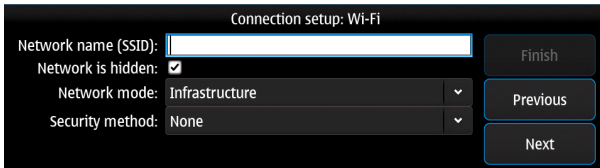
Tap *Next* to continue.



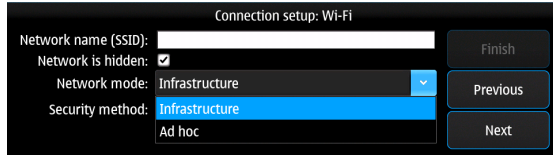
You will be asked whether to scan for available *Wi-Fi* networks.

If you want to add a hidden network, or one that is not in range, select *No* here.

You will then be able to manually add the network settings:

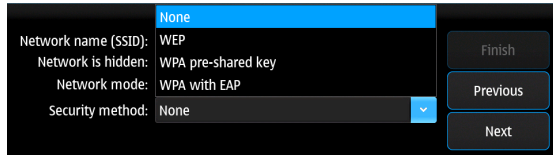


1. Network name (SSID)
2. Network is hidden (keep checked if the network you want to add is hidden)
3. Network mode:



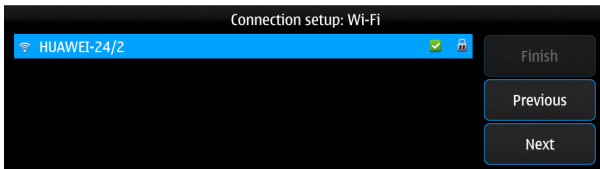
- Infrastructure (AP-mode)
- Ad hoc (No need of an AP)

4. Security method:



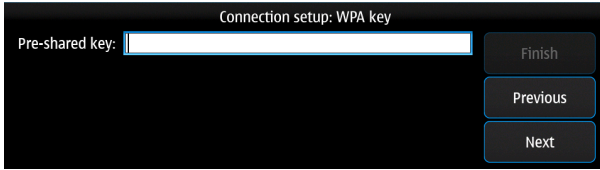
- None
- *WEP*
- *WPA pre-shared key*
- *WPA with EAP*

If you select *Yes* when you are asked to scan for *Wi-Fi* networks, then you will receive the list of available *Wi-Fi* networks:



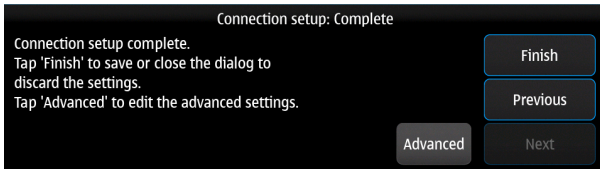
Select the decided one.

Tap *Next* to continue.



If the network is protected, you will be asked to input the key (password).

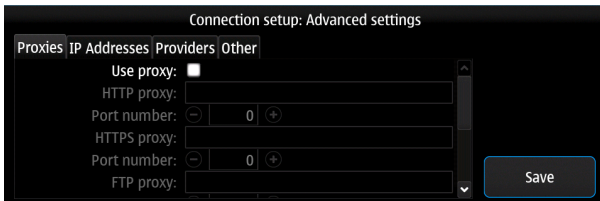
Tap *Next* to continue.

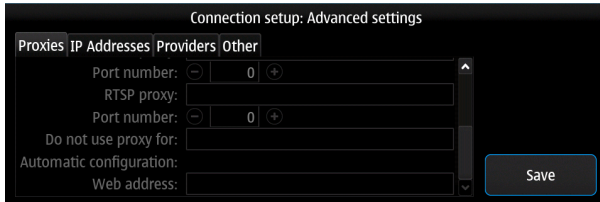


The configuration should be done now, but if you need advanced settings, tap on *Advanced*, otherwise just tap on *Finish*.

If you select *Advanced*, you will be shown this four-tabbed menu, from where you can make the changes you need for your particular situation.

The first tab is *Proxies*. If you need to setup a proxy for this connection, you can do this here.

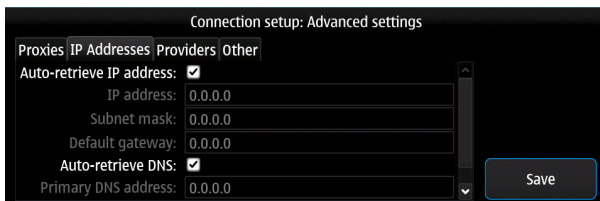




Check *Use proxy* to enable it. Then you have the following options:

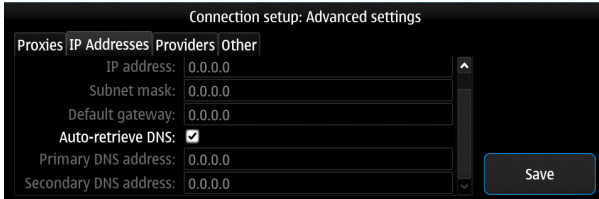
- **HTTP proxy**
- **Port number** (for HTTP)
- **HTTPS proxy**
- **Port number** (for HTTPS)
- **FTP proxy**
- **Port number** (for FTP)
- **RTSP proxy**
- **Port number** (for RTSP)
- **Do not use proxy for** (Domains for which the proxy shouldn't be used)
- **Automatic configuration** (Check to use an automatic proxy configuration)
- **Web address** (The address where the automatic proxy configuration is to be found)

The second tab is *IP Address*. *IP* related settings go here.



If you want to set *IP* addresses manually, and not use *DHCP* to get the addresses automatically, uncheck *Auto-retrieve IP address* and then set manually the following:

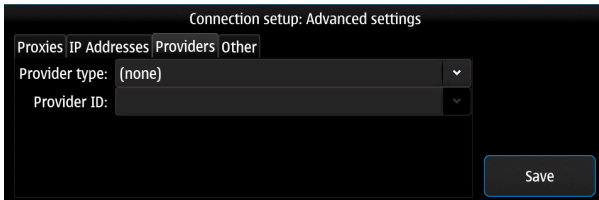
- **IP address**
- **Subnet mask**
- **Default gateway**



If you want to set-up *DNS* manually, uncheck *Auto-retrieve DNS* and then set manually the following:

- **Primary DNS address**
- **Secondary DNS address**

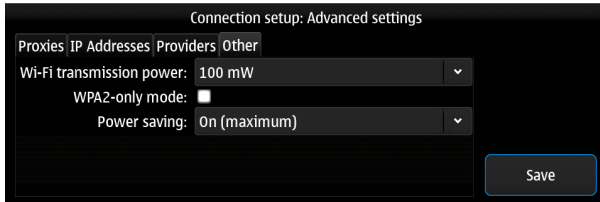
The third tab is *Providers*



The options are:

- **Provider type**
- **Provider ID**

The fourth tab is *Other*. Here you can find the other settings, not belonging to the other categories:



- **Wi-Fi transmission power** (How much power the device outputs while connected to *Wi-Fi*, the default being 100mW)
- **WPA2-only mode** (Only *WPA2* will be allowed as a protocol for securing *Wi-Fi* connections)
- **Power saving** (The level of *Wi-Fi* power saving)

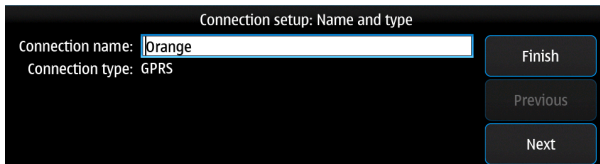
Edit (Wi-Fi connection)

Here you can edit the settings of a *Wi-Fi* connection. Tap on *Finish* on any step, when done.

The steps are almost the same as when creating a *New (Wi-Fi connection)*.

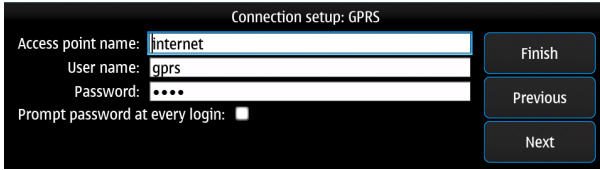
Edit (Mobile connection)

Here you can edit the settings of a mobile connection. Tap on *Finish* on any step, when done.



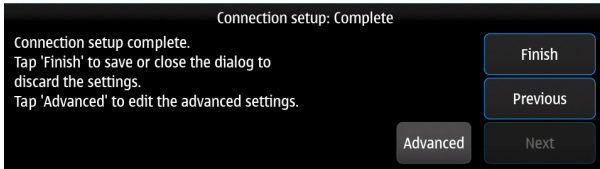
You can edit the *Connection name*.

Tap *Next* to continue.



1. Access point name (*APN*)
2. User name (The user name for the mobile data connection, it might not be required)
3. Password (The password for the mobile data connection, it might not be required)

Tap *Next* to continue.



The configuration should be done now, but if you need advanced settings, tap on *Advanced*, otherwise just tap on *Finish*.

The advanced settings are almost the same as for creating a *New (Wi-Fi connection)*.

Delete (Connections)

It deletes the currently selected *Wi-Fi* connection (inactive for mobile connections).

Done (Connections)

Tap here when done configuring, to exit the *Connections* menu and return to *Internet connections*.

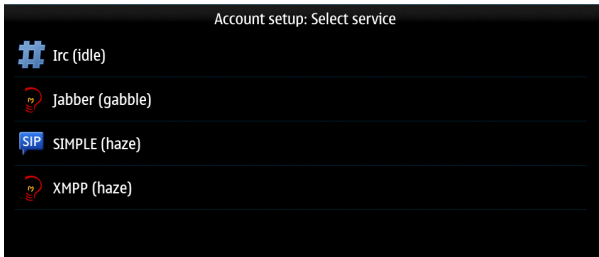
4.9.5 Save (Internet connections)

Tap here when done configuring, to save the settings made, and exit the *Internet connections* menu.

4.10 VoIP and IM accounts

Here you can edit the settings of VoIP and IM accounts.

If you have no accounts set, you will be shown a list of services from which you can pick to configure your accounts with.

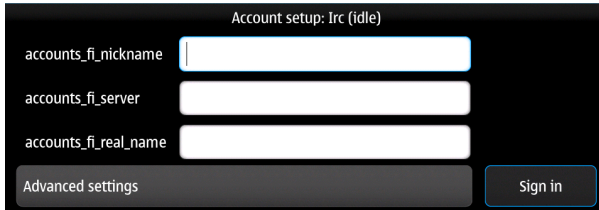


You have the following options (protocol, and in brackets, the connection manager):

1. *IRC (idle)*
2. *Jabber (gabble)*
3. *SIMPLE (haze)*
4. *XMPP (haze)*

4.10.1 IRC (idle)

Here you can configure an *IRC* account, using the *idle* connection manager.



The screenshot shows a dark-themed dialog box titled "Account setup: Irc (idle)". It contains three white input fields stacked vertically, labeled "accounts_fi_nickname", "accounts_fi_server", and "accounts_fi_real_name". At the bottom left is a button labeled "Advanced settings", and at the bottom right is a button labeled "Sign in".

You have the following basic options:

1. *Nickname* (*accounts_fi_nickname*)
2. *Server* (*accounts_fi_server*)
3. *Real name* (*accounts_fi_real_name*)

Nickname (*accounts_fi_nickname*)

The nickname displayed in the chat server and channels.

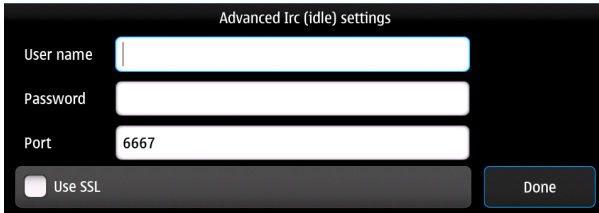
Server (*accounts_fi_server*)

The address of the server to connect to.

Real name (*accounts_fi_real_name*)

The real name of the user.

For more settings, tap on *Advanced settings*.



You will have the following advanced options:

1. *User name*
2. *Password*
3. *Port*
4. *Use SSL*

User name

The user name of the account, if you need one to connect to the server.

Password

The password of the account, if you need one to connect to the server.

Port

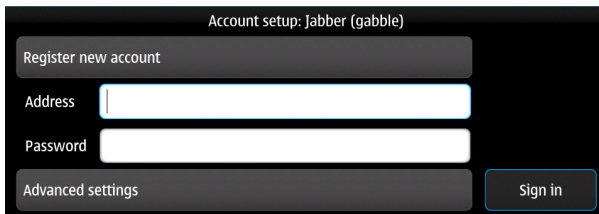
The network port used to connect to the server (to modify it if it's different than the default).

Use SSL

Check to use an *SSL* connection to the server.

4.10.2 Jabber (gabble)

Here you can configure a *Jabber* (now called *XMPP*) account, using the *gabble* connection manager.



You have the following options:

Register new account - If you don't already have an account, tap here to go to *New Jabber account (gabble)*

Address - If you already have a *Jabber (XMPP)* account, you can just enter your XMPP address (or *JID* - Jabber ID) here

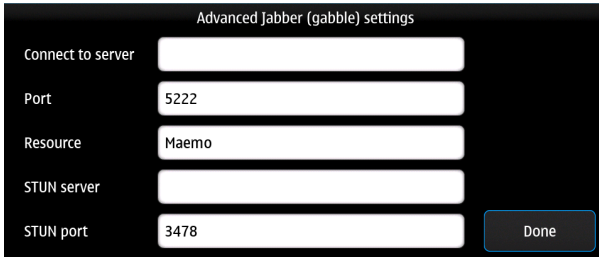
Password - ... and here, the corresponding password.

Advanced settings - If you need special settings, tap here, to go to *Advanced settings (Jabber)*

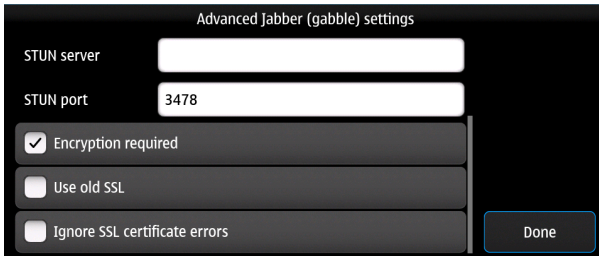
Then tap on **Sign in**, to connect.

Advanced settings (Jabber)

Here are some extra settings, in case you need a special configuration.



They go on two pages.



Available options:

Connect to server - The address of the server to connect to, in case it's different than the one in the address.

Port - The port on the server to connect to.

Resource - The identifier (name) of the client/device. Use this to differentiate between your devices connected through the same account.

STUN server - The *STUN* server to connect to, in case it's needed, if you are behind a *NAT*.

STUN port - The port of the *STUN* server to connect to.

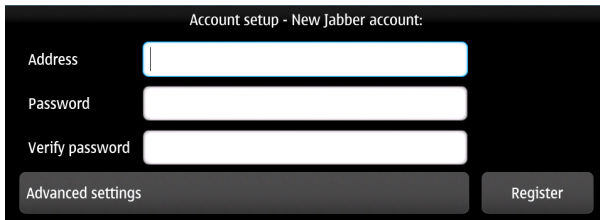
Encryption required - Check if encryption is required for making the connection to the server.

Use old SSL - Use the old *SSL* protocol, and not the new *TLS* protocol.

Ignore SSL certificate errors - Check to ignore *SSL* certificate errors, for instance if using a self-signed or an expired *Digital certificate*.

New Jabber account (gabble)

Here you can register a new *Jabber* (now called *XMPP*) account, on a server of your choice.



The image shows a dark-themed user interface for creating a new Jabber account. At the top, the text 'Account setup - New Jabber account:' is displayed. Below this, there are three white input fields stacked vertically, labeled 'Address', 'Password', and 'Verify password'. At the bottom of the form, there are two buttons: a larger one on the left labeled 'Advanced settings' and a smaller one on the right labeled 'Register'.

Address - Enter here the XMPP address (or *JID* - Jabber ID) you want to register, in the form of `user@server`.

Password - . . . and here, the chosen new password (See here *How to choose a good password*).

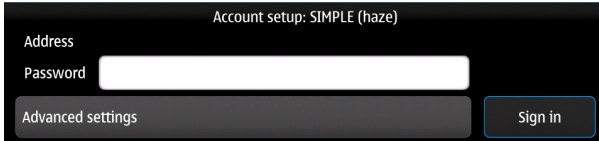
Verify password - Enter the chosen password here, to verify that you entered it correctly.

Then tap on **Register**.

Note: If registering doesn't work, check if that particular server allows this.

4.10.3 SIMPLE (haze)

Here you can configure a *SIMPLE* (based on *SIP*) account, using the *haze* connection manager.



Available options:

Address - The *SIP address* (read-only)

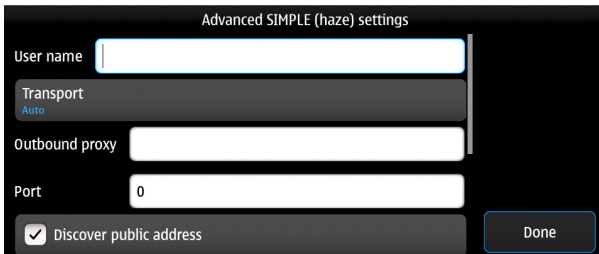
Password - The password of the *SIP* account

Advanced settings - They're called *advanced settings*, but you will most likely need to configure them, so then tap here, to go to *Advanced settings (SIMPLE)*.

Then tap on **Sign in**, to connect.

Advanced settings (SIMPLE)

Here are some extra settings, which you will most likely need:



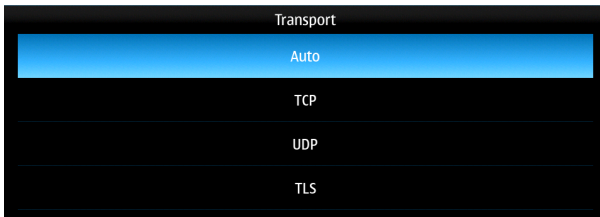
They go on two pages.



Available options:

User name - The user name of the *SIP* account.

Transport - Pick the transport mode, between **Auto**, **TCP**, **UDP** or **TLS**.



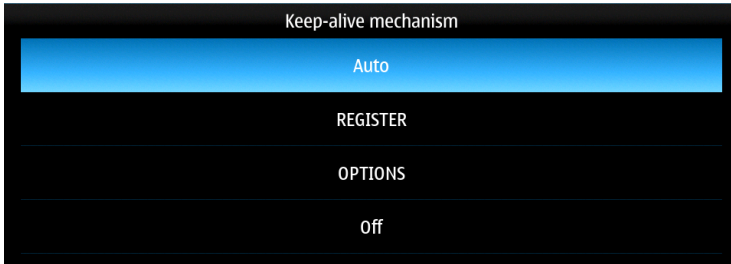
Outbound proxy - The *SIP* server used as a proxy for outbound connections.

Port - The port on the *SIP* server to connect to.

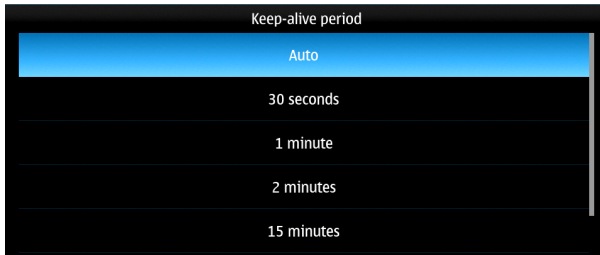
Discover public address - Discover your public address.

Loose routing - Enable loose routing, which is being used since SIP version 2. It might break compatibility with some servers having older versions.

Keep-alive mechanism - Select the method of keeping the connection active between the device and the server.



Keep-alive period - Select how often to check if the connection between the device and the server is active.

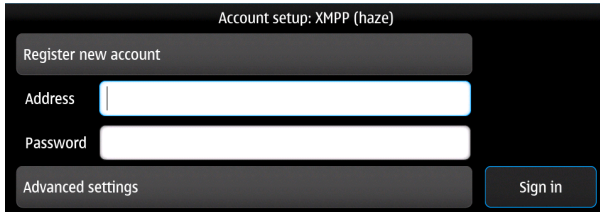


Auto-detect STUN - Check to enable automatic detection of the *STUN* server.

4.10.4 XMPP (haze)

Here you can configure an *XMPP* (formerly *Jabber*) account, using the *haze* connection manager.

The procedure is the same as for *Jabber (gabble)*.



You have the following options:

Register new account - If you don't already have an account, tap here to go to *New XMPP account (haze)*

Address - If you already have a *Jabber (XMPP)* account, you can just enter your XMPP address (or *JID* - Jabber ID) here

Password - ... and here, the corresponding password.

Advanced settings - If you need special settings, tap here, to go to *Advanced settings (XMPP)*

Then tap on **Sign in**, to connect.

Advanced settings (XMPP)

The settings are the same as *Advanced settings (Jabber)*

New XMPP account (haze)

The procedure is the same as for a *New Jabber account (gabble)*

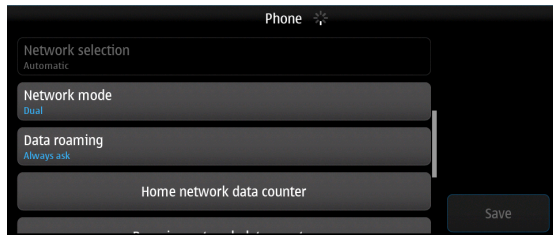
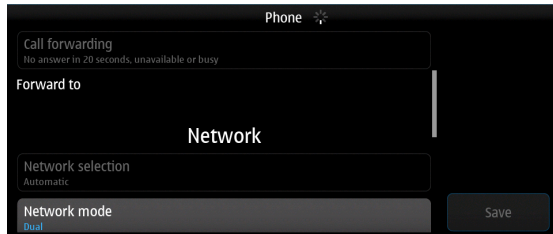
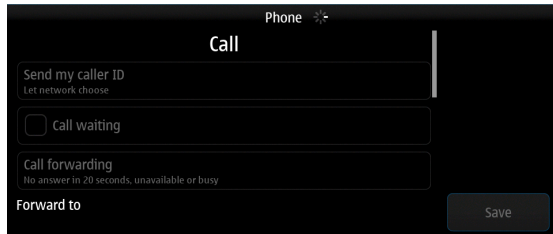
4.11 Phone

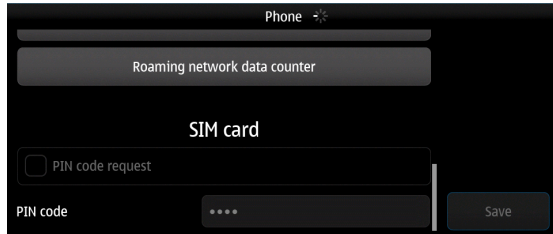
Here you can edit the settings of telephony. When done, tap on *Save*.

The settings go on more pages, and are split into three categories:

1. *Call*
2. *Network*
3. *SIM card*

Note: The availability and the configuration of some options depend on the mobile network operator.





4.11.1 Call

Send my caller ID

Options about *Caller ID*

Call waiting

Check to enable *Call waiting*.

Call forwarding

Options about *Call forwarding*

Forward to

Destination of the forwarded calls, if *Call forwarding* is active.

4.11.2 Network

Network selection

Options about network selection:

Automatic - automatically select the first available authorized one

Manual - manually pick from the authorized ones

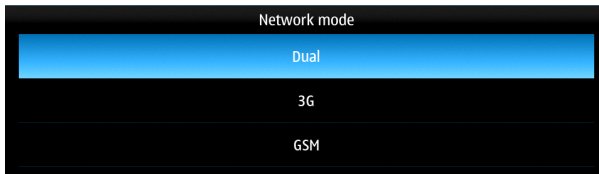
Network mode

Select the network mode:

Dual - Automatically switch between the best available type (*3G* or *2G*).

3G - Use only *3G* networks

GSM - Use only *GSM* (*2G*) networks

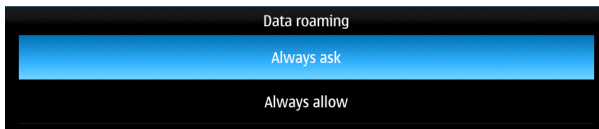


Data roaming

Options about mobile data connection in *Roaming*:

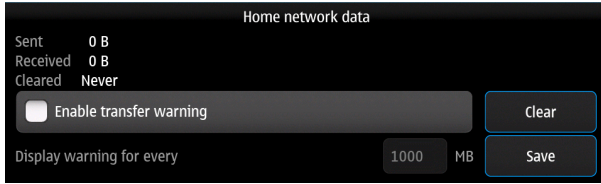
Always ask - Always ask before enabling mobile data connection when in *Roaming*.

Always allow - Always enable mobile data connection, even when in *Roaming*.



Home network data counter

Here you can see the amount of mobile data used in the home network (the network of your provider).



Options available:

Sent (read only) - the amount of sent data

Received (read only) - the amount of received data

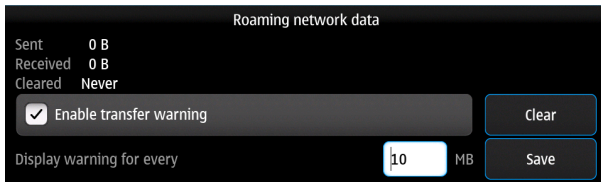
Cleared (read only) - last time the counter was cleared

Enable transfer warning - Enable being warned when the amount of transferred data exceeds a certain threshold.

Display warning for every - When to be warned about the amount of transferred data. Enabled only if *Enable transfer warning* is active.

Roaming network data counter

Here you can see the amount of mobile data used in *Roaming* (other networks than of your provider's).



The settings are the same as for *Home network data counter*.

4.11.3 SIM card

Here there are options about the *SIM* card.

PIN code request

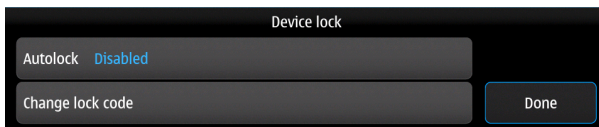
Check to enable asking for the PIN code to enable the *SIM* card.

PIN code

Set the PIN code.

4.12 Device lock

Here there are settings for locking the access to the device (also called “locking the screen”).

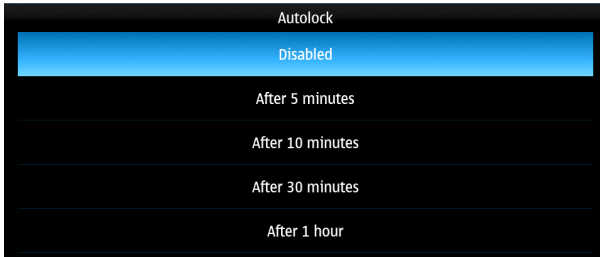


You have the following options:

1. *Autolock*
2. *Change lock code*

4.12.1 Autolock

This option sets the automatical lock of the device after a certain amount of time, or disables this.



Available options:

Disabled

After 5 minutes

After 10 minutes

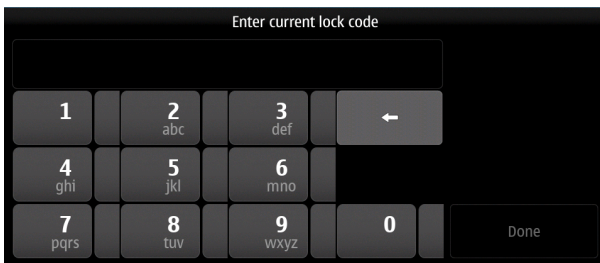
After 30 minutes

After 1 hour

4.12.2 Change lock code

This option sets the lock code used to unlock the device, after it's been automatically or manually locked.

To change the code, you'll be asked to first enter the current code.

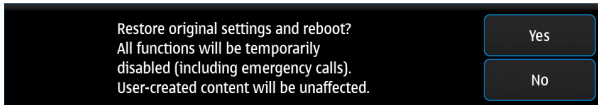


4.13 Restore original settings

Tap on **Restore original settings** in the *In-app menu*



This option restores the original settings of the phone, and then reboots the device.



Tap **Yes** to perform this operation.

Tap **No** to cancel.

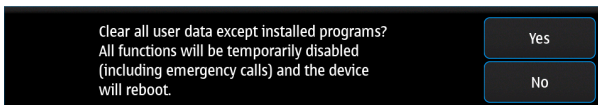
Warning: If you tap on **Yes**, all the modifications you did in settings will be lost, including internet connection settings and accounts.

4.14 Clear device

Tap on **Clear device** in the *In-app menu*



This option clears all user data, except for installed programs, and then reboots the device.



Tap **Yes** to perform this operation.

Tap **No** to cancel.

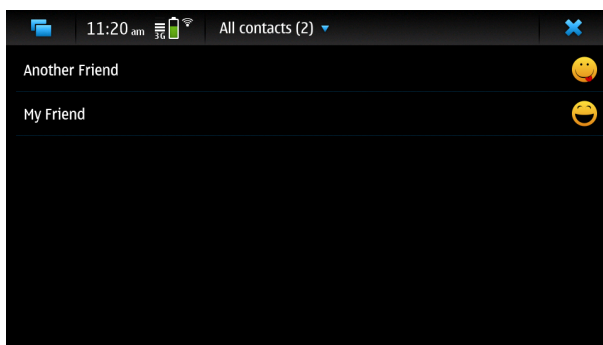
Warning: If you tap on **Yes**, all your modifications and files on the device will be lost, except for installed programs.

CHAPTER 5

CONTACTS

Note: Using this application, you can manage your contacts: add, change, remove, import and export them.

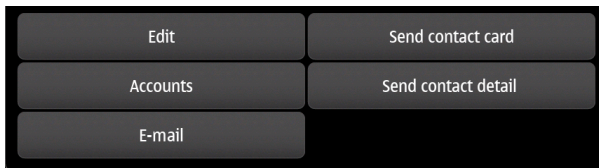
When you open the application, the list of your contacts will be shown.



If you don't have any contacts yet, you will be automatically shown the *Get contacts* menu, from where you can get already existing contacts, by synchronizing, or importing.

5.1 Options per-contact

Tapping on a contact will show the details about that contact. From there you can also edit it, or share data about it. Tap on the *In-app menu* of the contact.

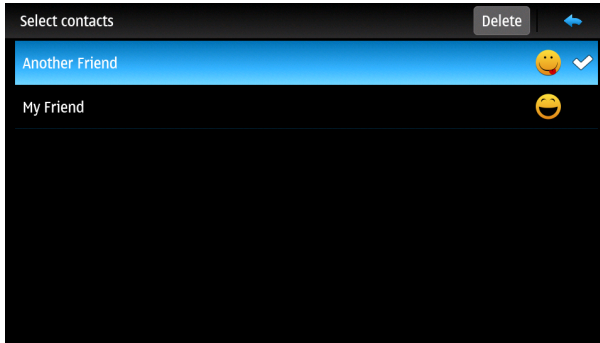


You have the following options:

1. *Edit*
2. *Accounts*
3. *E-mail*
4. *Send contact card*
5. *Send contact detail*

5.1.1 Edit

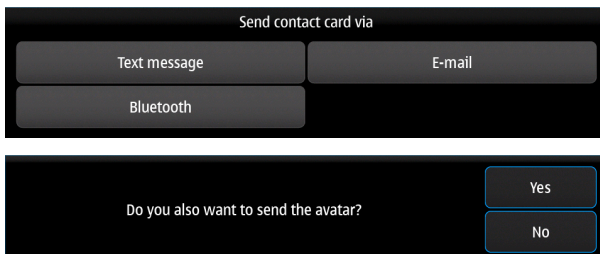
Editing a contact has the same options as creating a *New contact*.



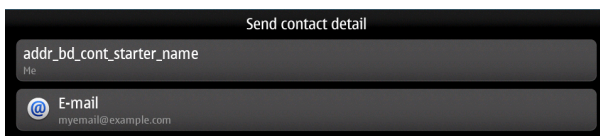
5.1.2 Accounts

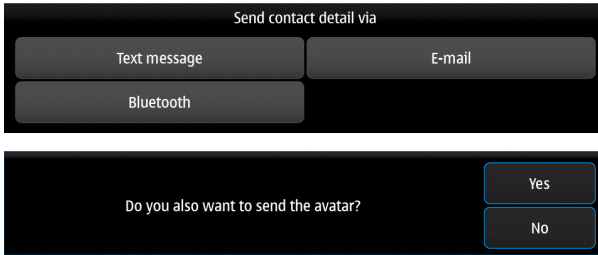
5.1.3 E-mail

5.1.4 Send contact card



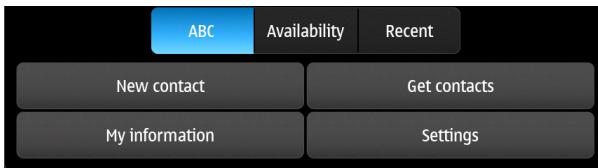
5.1.5 Send contact detail





5.2 Options in the in-app menu

Other general options are available in the *In-app menu* of the Contacts application.



Available options:

1. *Sort by ABC/Availability/Recent*
2. *New contact*
3. *My information*
4. *Get contacts*
5. *Settings*

5.2.1 Sort by ABC/Availability/Recent

5.2.2 New contact

New contact

Cell

E-mail

Last name

Add field

Delete fields

Save

Phone

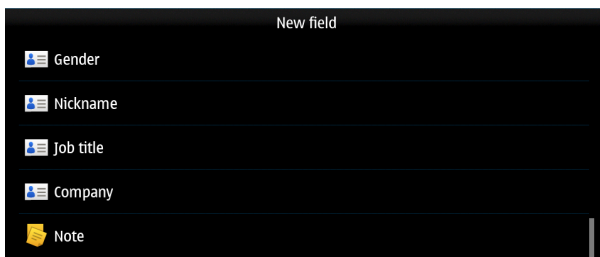
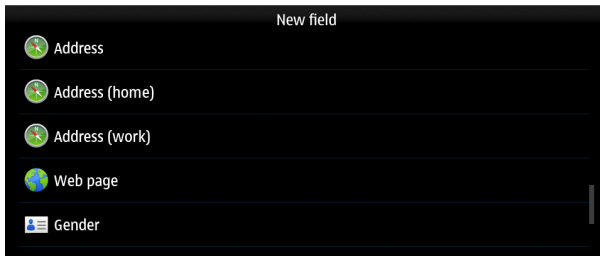
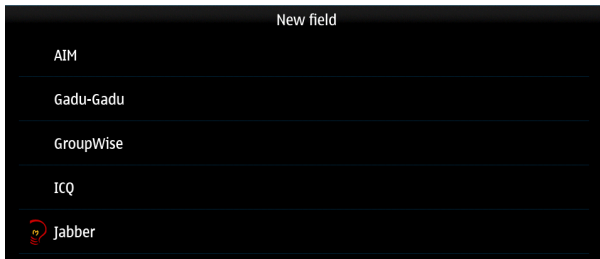
- Cell
- Cell (home)
- Cell (work)
- Phone
- Phone (home)

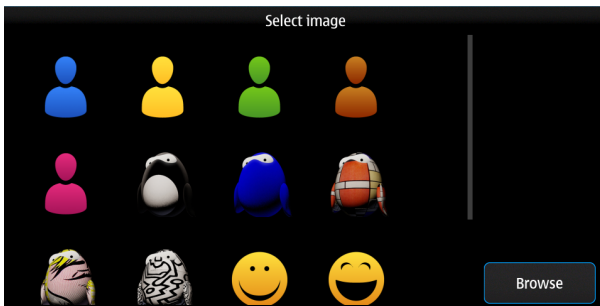
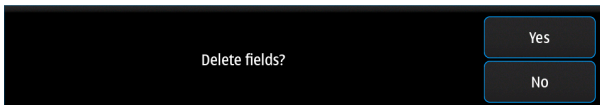
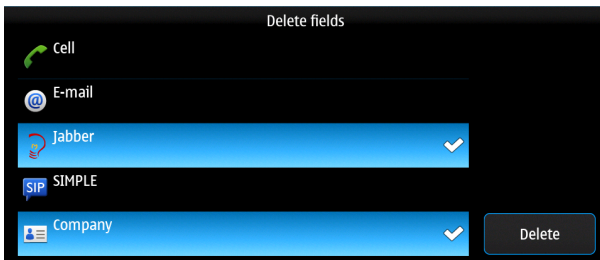
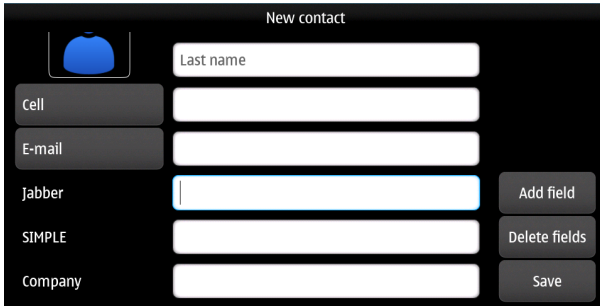
Phone

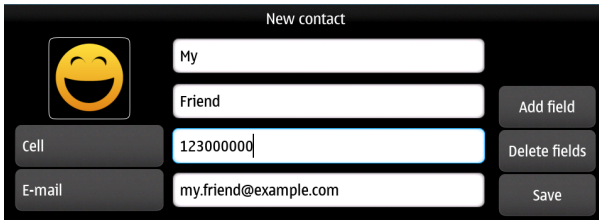
- Cell (work)
- Phone
- Phone (home)
- Phone (work)
- Fax

E-mail

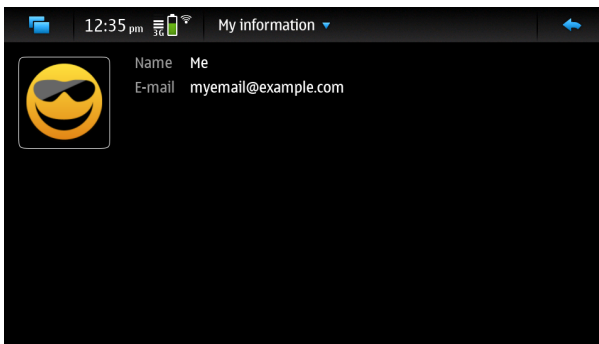
- E-mail
- E-mail (home)
- E-mail (work)

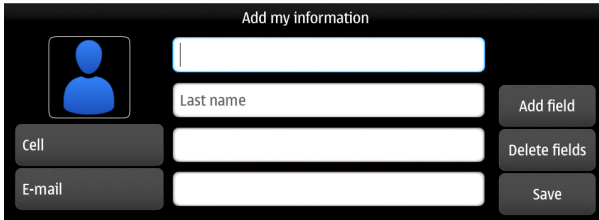




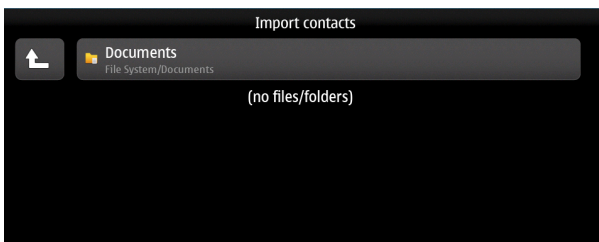
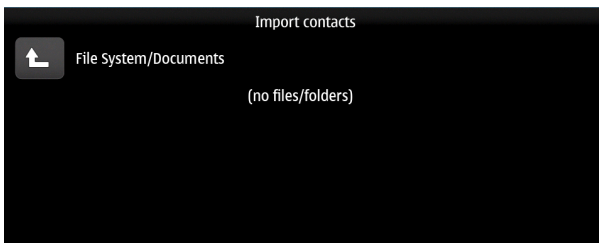
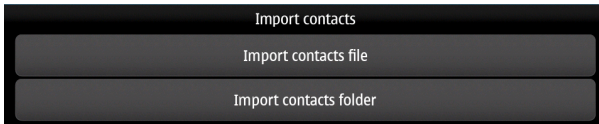
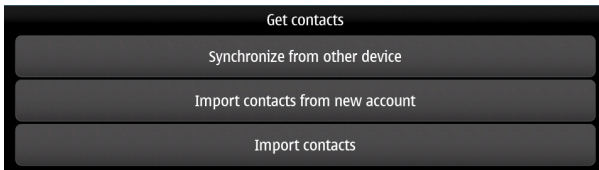


5.2.3 My information

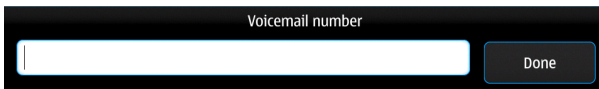
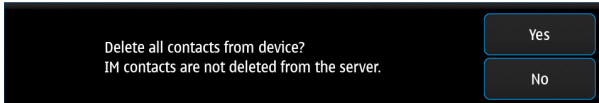
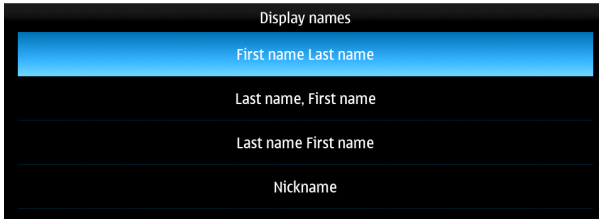
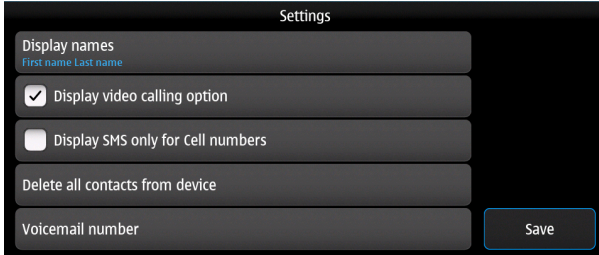




5.2.4 Get contacts



5.2.5 Settings



CHAPTER 6

CLOCK & ALARMS

Note: Using this app, you can check and change the current time, the time zones, and set alarms.

Open the applications list



Open the Clock application

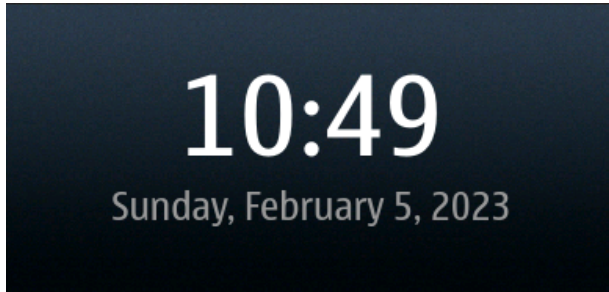


You will be greeted with the following interface:



The following options will be available:

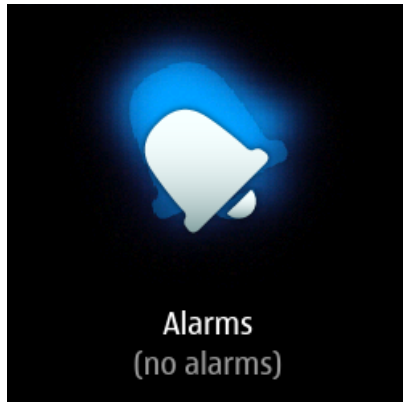
1. **Date and time display** (Adjust the local date and hour)



2. **New alarm** (Set a new alarm)



3. [Alarms](#) (See and edit existing alarms)



4. [World clocks](#) (See and edit World clocks)



Options in the app menu

1. **Seconds**



2. **Regional settings**



3. **Adjust date and time**

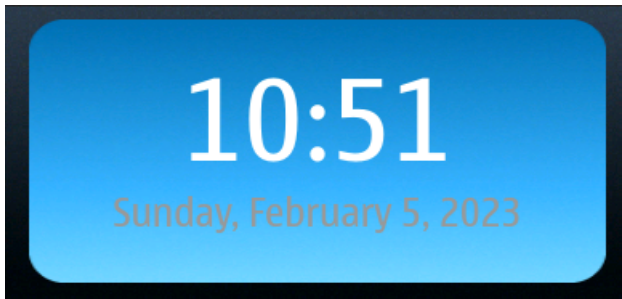


4. **Alarm settings**



6.1 Date and time display

Tap on the current hour & date display.



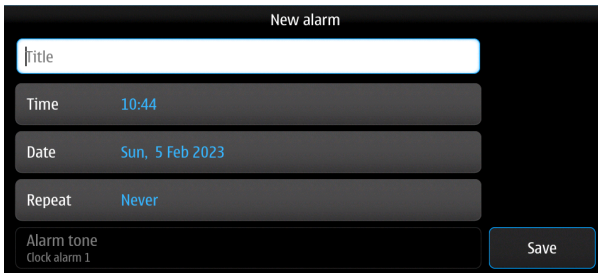
This is the same as *Date and time* in Settings.

6.2 New alarm

Tap on *New alarm*



A menu will appear, from which you can set a new alarm:



The following options will be available:

1. *Title*
2. *Time*
3. *Date*
4. *Repeat*
5. *Alarm tone (read-only)*

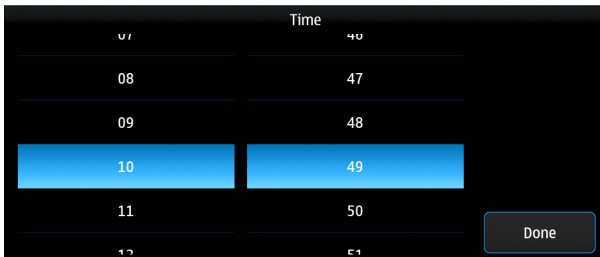
6.2.1 Title

Type in a title (descriptive name) for your new alarm.

Note: Check out *Input and keyboard* about ways to do this.

6.2.2 Time

A menu will appear, from which you can select the desired time when the alarm should run.



6.2.3 Date

If you want the alarm to run only once, on a specific date, you can select it here.

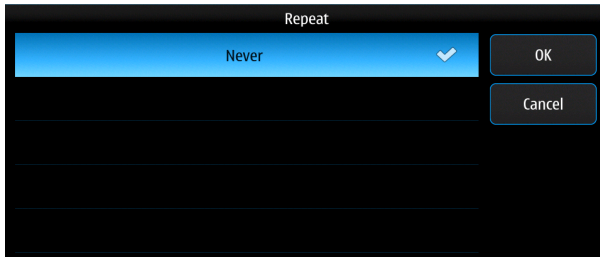
If you want it to be recurring, check out the *Repeat* option below.



6.2.4 Repeat

If you want the alarm to be recurring, you can select here which days the alarm should be repeated.

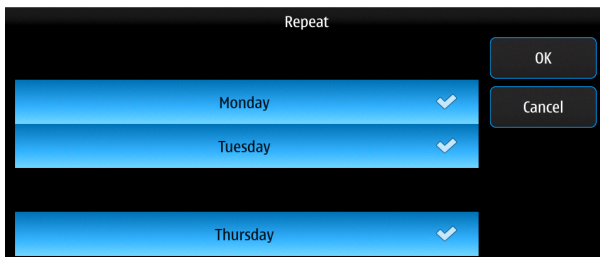
The default option, Never, means that the alarm will run only once.



If you need it to run on a specific date, and not the first occurring time, check out the *Date* option above.

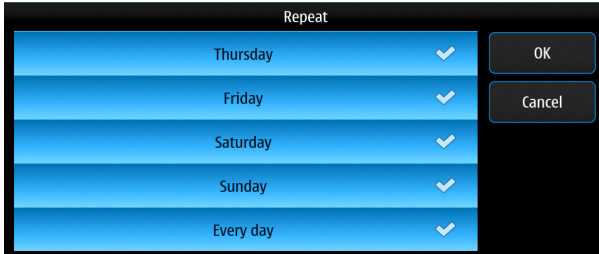
Note: Styling bug. Black text on black background. Text is visible only when selected. See *Known bugs*.

You can select one or more weekdays, when the alarm should recur.



To repeat the alarm every day, select the option Every day, which is the last one in the list, after all weekdays.

All weekdays will be then selected.



Tap on *OK* to confirm the selection, otherwise tap on *Cancel*.

6.2.5 Alarm tone (read-only)

The alarm tone option is read-only here, so it cannot be modified.

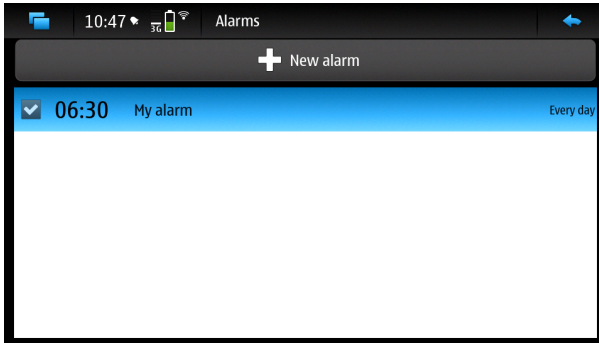
To change the alarm tone, go to *Alarm settings* in the *In-app menu*.

Tap on *Save* to save the alarm.

Note: Check out *UI Navigation* on how to exit a menu without a cancel button.

6.3 Alarms

Tap on *New alarm*



The following options will be available:

1. New alarm (the same as the option *New alarm*)
2. *List of existing alarms (or no alarms)*

6.3.1 New alarm (the same as the option in the main screen)

This is the same as *New alarm*, so check there on how to use the options here.

6.3.2 List of existing alarms (or no alarms)

If you already have alarms set up, they will appear here.

Otherwise, the list here will be empty.

Note: Styling bug. Black text on black background. Text is visible only when selected. See *Known bugs*.

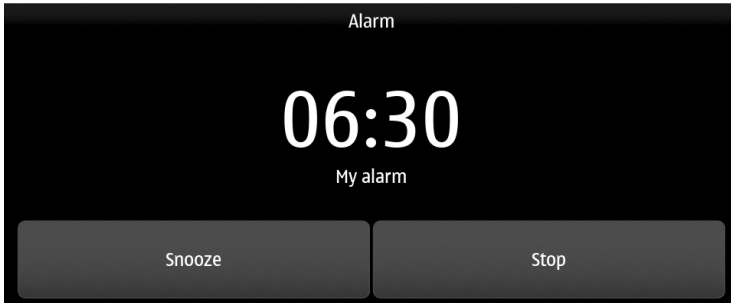
The alarms which are checked are enabled. Uncheck an alarm to disable it.

To change an alarm, tap on it.

You will have the same options as when setting up a *New alarm*.

6.3.3 Stopping or snoozing a running alarm

When the alarm will run, you will see the following pop-up:



Tap on *Snooze* to postpone the alarm.

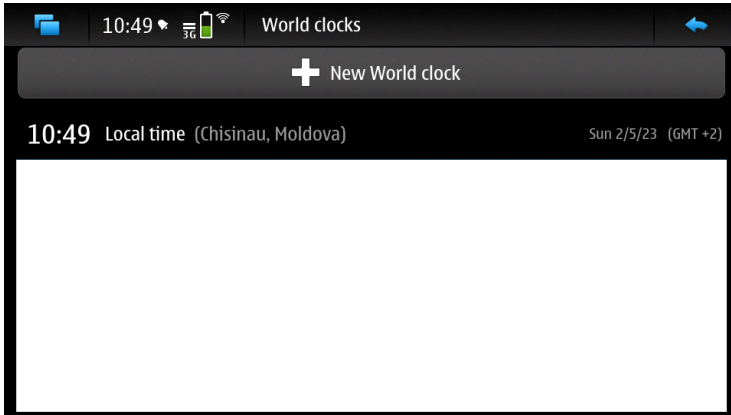
The amount of time the alarm will be postponed by is defined by the *Snooze time* option.

Tap on *Stop* to end the alarm.

6.4 World clocks

Tap on *World clocks*

You will be greeted with the following screen:



The following options will be available:

1. *New World clock* (You can select the city from the world map, or from a list)
2. *List of existing world clocks* (Or just the Local time clock)

6.4.1 New World clock

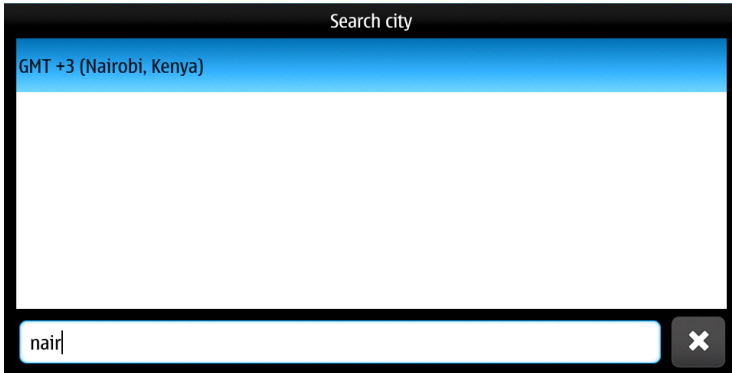
You can scroll through the cities list.

Note: Finger scrolling doesn't work. Use the keyboard keys to navigate through the list. See *Known bugs*.

To search through the list, start typing the name of the place you're looking for.

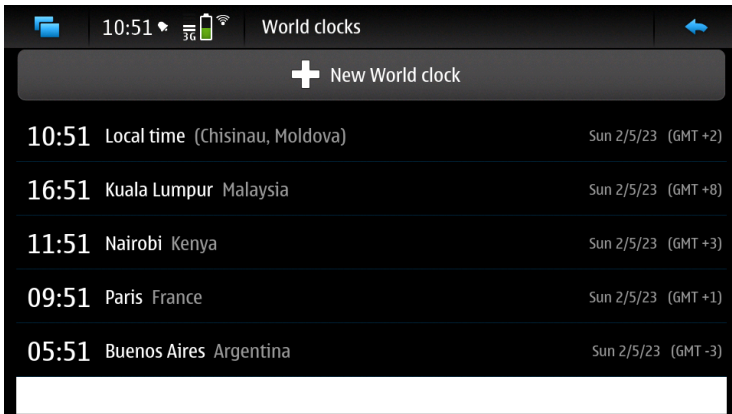
Note: Check out *Input and keyboard* about ways to do this.

As you start typing, the results will be narrowed down, and then you will be able to easier select the desired city.



6.4.2 List of existing world clocks

When you have World clocks set up, they will appear in the list:

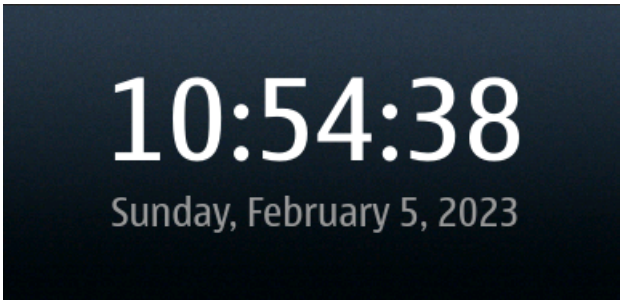


6.5 Seconds

Tap on *Seconds* in the *In-app menu*.

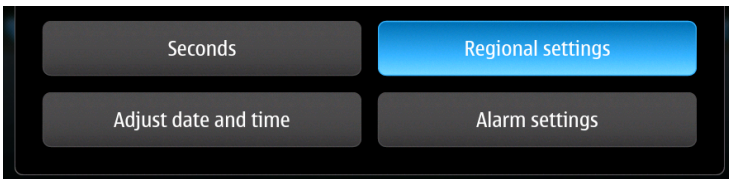


Tapping on it toggles showing seconds in the time display.



6.6 Regional settings

Tap on *Regional settings* in the *In-app menu*.



This option is the same as *Language & region*.

6.7 Adjust date and time

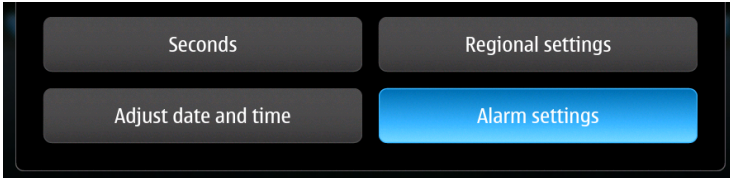
Tap on *Adjust date and time* in the *In-app menu*.



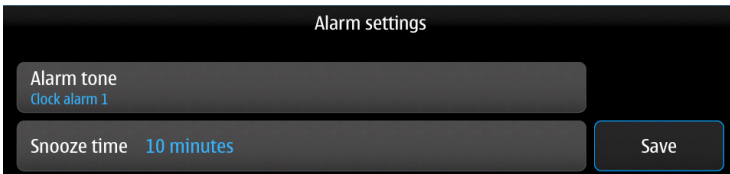
This is the same as *Date and time* in Settings.

6.8 Alarm settings

Tap on *Alarm settings* in the *In-app menu*.



You will be greeted with the following screen:



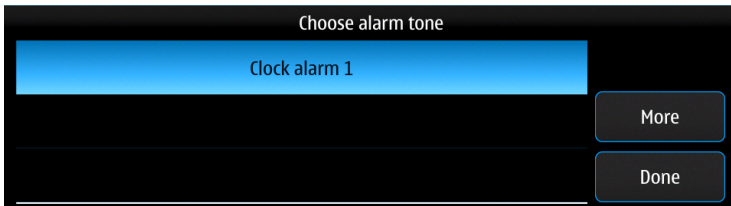
A menu with the following options will be available:

1. *Alarm tone* (set the tone for the alarm)
2. *Snooze time* (snooze time for the alarm)

6.8.1 Alarm tone

You can pick your desired alarm sounding tone, from a list of predefined alarm sounds.

Note: Styling bug. Black text on black background. Text is visible only when selected. See *Known bugs*.



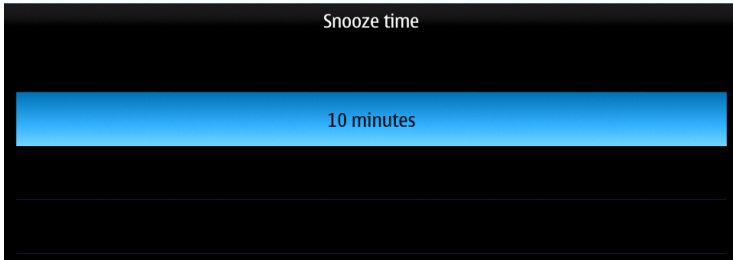
You can also choose your own audio file by tapping on *More*, and then picking an audio file from the file system.

Note: Check out *File management* to know more about this.

6.8.2 Snooze time

Here you can pick the snooze time of alarms.

Note: Styling bug. Black text on black background. Text is visible only when selected. See *Known bugs*.



CHAPTER 7

DEVICE SPECIFIC INFO [WIP]

7.1 Droid 4

7.1.1 Droid 4 hardware buttons

It has three buttons on the side of the case:

Power/lock button - Press it to get the *Power options menu*

Two volume buttons - Press it to adjust the *Volume slider* (in landscape mode, they are reversed: left is *volume down*, right is *volume up*)

It has the old Android touch buttons: menu, home, back, search.

Some of these functions can be used:

The menu button opens the *In-app menu*



The menu button opens the *Task switcher*

The back button does *In-app naviga-*



tion, going back to the previous window/menu

The search button opens the *Virtual key-*



board, even if a *Hardware keyboard* is available.

7.1.2 Droid 4 hardware keyboard

To use the *CTRL* key's function, you need to press *SHIFT*, and keep it pressed while you press the additional key of the needed keyboard shortcut (the usual behavior of a modifier key, as *CTRL* is).

To write one capital (uppercase) letter, or to use the "SHIFT" key's function (shift to the secondary symbols of the keyboard layout) you need to press *Caps Lock*, and then press the letter.

To write capital letters continuously, keep *Caps Lock* pressed while you enter the letters.

Another way to write uppercase letter continuously is to press *Caps Lock* quickly, two times. Press it again, once, when finished, to switch back to lowercase.

7.1.3 Droid 4 virtual keyboard

The virtual keyboard appears automatically when you enter a text area while the keyboard is folded/closed.

When the hardware keyboard is slided out/open, than this is used by default, so the virtual keyboard is disabled, but you can still manually call for the virtual keyboard, by pressing the search touch button. See *Droid 4 virtual keyboard*.

This can be useful when you want to use symbols not available in the layout used by the hardware keyboard.

7.1.4 Notification LED

7.2 Pinephone

7.2.1 Hardware keyboard

<p>Warning: It has no hardware keyboard, as some applications expect.</p>
--

CHAPTER 8

GLOSSARY

2.5G

Second and a half generation cellular network, using the *GPRS* standard for data communication

2.75G

Second and 75% generation cellular network, using the *EDGE* standard for data communication

2G

Second generation cellular network, using the *GSM* standard

3.5G

Third and a half generation cellular network, using the *HSPA* standard

3G

Third generation cellular network, using the *UMTS* standard

4G

Fourth generation cellular network, based on the *LTE* standard

5G

Fifth generation cellular network, based on the *5G NR* standard

5G NR

5G New Radio, a fifth generation mobile network standard, designed for *5G* networks.

Alpha-numeric

A combination of alphabetical and numerical characters.

AP

Access point, a networking hardware device that allows other *Wi-Fi* devices to connect to a wired network. Also called *WAP*.

APN

Access Point Name. The name of a *gateway* between a mobile network (*GSM*, *GPRS*, *3G*, *4G* and *5G*) and another computer network, usually for connecting to the internet.

Asymmetric cryptography

Also called *Public-key cryptography*, type of cryptographic systems that use pairs of related keys. Each key pair consists of a *Public key* and a corresponding *Private key*.

Call diversion

Another name for *Call forwarding*.

Call forwarding

Also called *Call diversion*, is a telephony feature which redirects a telephone call to another destination (e.g. another phone number).

Call waiting

A telephone service which enables accepting a second incoming telephone call by placing an in-progress call on hold, and also permits switching between calls. This way, the incoming calls will not be rejected if already in a call,

but instead will keep ringing, so that you have a choice whether you continue with the current one, or end the current one and pick the new one.

Caller ID

Caller identification, a telephone service, available in analog and digital telephone systems, including voice over IP (*VoIP*), that transmits a caller's telephone number to the called party's telephone equipment when calling.

DHCP

Dynamic Host Configuration Protocol, a network management protocol used on Internet Protocol (*IP*) networks for automatically assigning IP addresses and other communication parameters to devices connected to the network.

Digital certificate

Also known as a *Public key certificate* or *Identity certificate*, is an electronic document used to prove the validity of a *Public key*.

DNS

Domain Name System, a hierarchical and distributed naming system for computers, services, and other resources in the Internet or other Internet Protocol (*IP*) networks. It translates domain names to the numerical *IP* addresses.

EAP

Enterprise access point, an access point (*AP*) with features for enterprises and large networks.

EDGE

Enhanced Data rates for GSM Evolution, standard used by *2G* and *3G* networks, to provide data communication, also known as Enhanced *GPRS* (EGPRS)

Filesystem

A method and data structure used to control how data is stored and retrieved. Technical name and method for the storage of files, usually in a directory structure.

Gateway

A device which provides a connection between networks.

GPRS

General Packet Radio Service, standard used by *2G* and *3G* networks, to provide data communication

GPS

Global Positioning System (GPS), One of the global navigation satellite systems (GNSS).

GSM

Global System for Mobile Communications, the standard for the second generation (*2G*) digital cellular (mobile) networks

HSPA

High Speed Packet Access, mobile data protocol family, for *3.5G* networks

Identity certificate

Also known as a *Public key certificate* or *Digital certificate*, is an electronic document used to prove the validity of a *Public key*.

IM

Instant messaging, a type of online chat allowing real-time text transmission over the Internet or another computer network.

Internet

The global system of interconnected computer networks that uses the Internet protocol suite (*TCP/IP*) to communicate between networks and devices. It is a network of networks.

IP

Internet Protocol, the network layer communications protocol in the Internet protocol suite. Its routing function enables communication in between networks, and essentially establishes the Internet. IP has the task of transmit data

from the source host to the destination host, based on the IP addresses (*IP address*).

IP address

Internet Protocol address, a numerical label such as 192.0.2.1 that is connected to a computer network that uses the Internet Protocol (*IP*) for communication.

IP telephony

Another name for *VoIP*, voice and multimedia sessions over Internet Protocol (*IP*).

IRC

Internet Relay Chat, a text-based chat system for instant messaging, designed for group communication in discussion forums, called channels, but which also allows one-on-one communication via private messages, as well as chat and data transfer, including file sharing.

Jabber

The original name of the Extensible Messaging and Presence Protocol (*XMPP*), the open technology for instant messaging and presence.

JID

Jabber ID, The original name of *XMPP address*. It's in the form of *user@example.com*, similar to an e-mail address.

LTE

Long-term evolution, a fourth generation (*4G*) mobile cellular system, based on the *GSM* and *UMTS* standards

NAT

Network address translation, a method of mapping an IP address space into another. Its most popular use is to map local *IP* addresses to a public *IP address*, in order to receive back answers to requests towards servers in the *Internet*, sent by computers in a local network, behind a router.

PIN

Personal identification number, sometimes called redundantly a *PIN number* or *PIN code*, a numeric (sometimes *Alpha-numeric*) passcode used in the process of authenticating a user accessing a system.

PIN code

Another name for *PIN*.

PIN number

Another name for *PIN*.

Pre-shared key

A shared secret (password) which was previously shared between the two parties using some secure channel before it needs to be used.

Private key

One of the two keys which is part of the *Public-key cryptography*, one of which is public (the *Public key*), and one which is private (this one).

Public key

One of the two keys which is part of the *Public-key cryptography*, one of which is public (this one), and one which is private (the *Private key*).

Public key certificate

Also known as a *Digital certificate* or *Identity certificate*, is an electronic document used to prove the validity of a *Public key*.

Public-key cryptography

Also called *Asymmetric cryptography*, type of cryptographic systems that use pairs of related keys. Each key pair consists of a *Public key* and a corresponding *Private key*.

Roaming

When a mobile phone is being used outside the range of its native network and connecting to another available cell network, usually referring to using it in another country

than the one the provider is from.

Router

A networking device that forwards data packets between computer networks, performing the traffic directing functions between networks and on the global Internet. A router is connected to two or more data lines from different *IP* networks. When a data packet comes in on one of the lines, the router reads the network address information in the packet header to determine the ultimate destination.

SIM

Subscriber Identity Module or Subscriber Identification Module, an integrated circuit (IC) used to identify and authenticate subscribers on mobile telephony devices.

SIMPLE

Session Initiation Protocol for Instant Messaging and Presence Leveraging Extensions, is an instant messaging (*IM*) and presence protocol suite based on Session Initiation Protocol (*SIP*).

SIP

Session Initiation Protocol, a signaling protocol used for initiating, maintaining, and terminating communication sessions that include voice, video and messaging applications. It's one of the protocols used in VoIP.

SIP address

Your user ID for communicating using the SIP protocol. It's in the form of `user@example.com`, similar to an e-mail address.

SSL

Secure Sockets Layer, a cryptographic protocol designed to provide communications security over a computer network, now deprecated, in favour of *TLS*.

STUN

Session Traversal Utilities for *NAT*, a standardized set of methods, which represent a tool for communications pro-

protocols to detect and traverse network address translators (*NAT*) that are located in the path between two endpoints of communication.

TCP/IP

The Internet protocol suite, a framework for organizing the set of communication protocols used in the Internet and similar computer networks.

TLS

Transport Layer Security, a cryptographic protocol designed to provide communications security over a computer network, built on the now-deprecated *SSL*.

UMTS

Universal Mobile Telecommunications System, a third generation (*3G*) mobile cellular system for networks based on the *GSM* standard.

VoIP

Voice over Internet Protocol, also called *IP telephony*, is a method and group of technologies for the delivery of voice communications and multimedia sessions over Internet Protocol (*IP*) networks, such as the *Internet*.

WAP

Wireless access point, another name for *AP*.

WEP

Wired Equivalent Privacy. Security algorithm for *Wi-Fi* networks, intended to provide data confidentiality comparable to that of a traditional wired network. It's considered to be weak from a security point of view, and it was superseded by *WPA*.

Wi-Fi

A family of wireless network protocols based on the IEEE 802.11 family of standards, which are commonly used for local area networking of devices and Internet access, allowing nearby digital devices to exchange data by radio waves.

WPA

Wi-Fi Protected Access, security standard for *Wi-Fi* networks, more secure than the previous standard, *WEP*.

WPA2

Wi-Fi Protected Access version 2, security standard for *Wi-Fi* networks, more secure than the previous standard, *WPA*.

XMPP

Extensible Messaging and Presence Protocol (originally named *Jabber*), an open communication protocol designed for instant messaging (*IM*), presence information, and contact list maintenance. It has a decentralized structure, similar to e-mail.

XMPP address

Your user ID for communicating using the *XMPP* (originally named *Jabber*) protocol. It's in the form of `user@example.com`, similar to an e-mail address. Also called *JID* (Jabber ID).

CHAPTER 9

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