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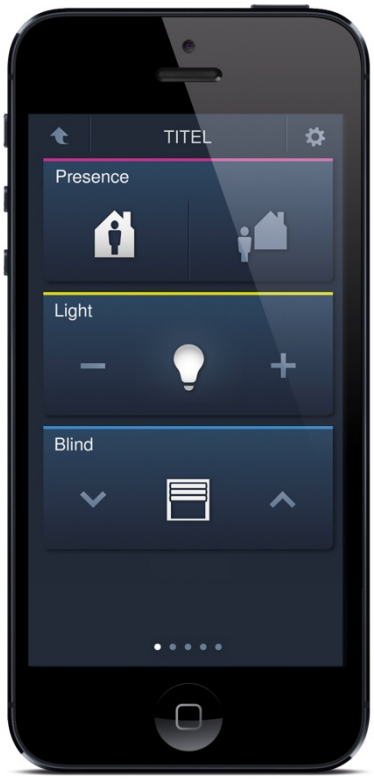
Operating Instructions
ComfortTouch App for **Busch**-*ComfortTouch*®

Busch-*ComfortTouch*® 9
8136/09-811-500
(CP/U 9.3.1)
8136/09-825-500
(CP/U 9.4.1)

Busch-*ComfortTouch*® 12.1
8136/12-811-500
(CP/U 12.3.1)
8136/12-825-500
(CP/U 12.4.1)



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Operating Instructions
ComfortTouch App for **Busch-***ComfortTouch*®

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1 Introduction

This manual describes how to commission the ComfortTouch App for operating the **Busch**-*ComfortTouch*® via mobile terminal devices (e.g. Smartphones). Also the operation of the ComfortTouch App is explained briefly.

The ComfortTouch App can be used to operate the following devices:

Busch-*ComfortTouch*®9
- 8136/09-811-500 (CP/U 9.3.1)
- 8136/09-825-500 (CP/U 9.4.1)

Busch-*ComfortTouch*®12
- 8136/12-811-500 (CP/U 12.3.1)
- 8136/12-825-500 (CP/U 12.4.1)

1.1 Intended use

The **Busch**-*ComfortTouch*® is a central switching and monitoring location for the building automation with control, monitoring and visualisation functions for numerous devices and media within a building.
The **Busch**-*ComfortTouch*® serves as a safe and convenient control within the living area.
The **Busch**-*ComfortTouch*® and the ComfortTouch App are designed for use in a local network.
Up to eight terminal devices can be logged into the **Busch**-*ComfortTouch*® with the ComfortTouch App.

Note

Access to the **Busch**-*ComfortTouch*® with the ComfortTouch App is also possible from outside a local network, e.g. via the Internet.
For safety reasons the setup of a VPN access is recommended. For the setup of a VPN access please contact your system administrator.

Caution

Danger due to unauthorized access
Danger due to unauthorized access to the unsecured Web interface on the **Busch**-*ComfortTouch*®.
Via unsecured enabling of ports 80 and 443 unauthorized persons can gain access to the Web interface on the **Busch**-*ComfortTouch*® .
– Do not enable ports 80 and 443 for the public network (e.g. the Internet) via the port forwarding function of a router!
– Ensure that external access with the ComfortTouch App is possible only via secured VPN admission.

2 System requirements for the mobile terminal devices

The terminal devices used (e.g. SmartPhones, tablets, etc.) must meet the following requirements:

Operating system	**Android**	**Apple iOS**
Minimum versions	4.x	iOS 5

3 Default setting on the **Busch-***ComfortTouch*®

A default setting in the **Busch-***ComfortTouch*® can be used to specify the applications and control elements that are to appear in the ComfortTouch App. This default setting is to be made by the electrical installer via the panel's project planning software.
However, there is also the option of making these settings directly on the panel if the "Web interface" has been activated. Please consult your electrical installer.

Additional default settings via the project planning software of the panel:

- Activation of the UPnP function

4 Commissioning

4.1 Installation and coupling with the Busch-*ComfortTouch*®

Note
The **Busch**-*ComfortTouch*® must be activated!

1. Load the ComfortTouch App from the store onto the mobile terminal device. Please scan in the following QR code with the terminal device:

Fig. 1: QR code for the ComfortTouch App

The QR code can also be called up via the **Busch**-*ComfortTouch*® (System -> Device information -> Mobile settings).

2. After the successful installation the icon for the ComfortTouch App is displayed on the desktop of the terminal device.

Fig. 2: Icon for the ComfortTouch App

3. Open the ComfortTouch App.

Note
Steps 4. and 5. are only required when the **Busch**-*ComfortTouch*® has not been automatically detected via the UPNP function.
If automatic detection was successful, you can continue directly with step 6. on page 7.

4. An input field appears for the IP address of the panel. The IP address can be also be requested on the **Busch**-*ComfortTouch*® via System -> Device information.

Fig. 3: Device information **Busch**-*ComfortTouch*®

5. Enter the IP address in the input field of the mobile terminal device and confirm the entry with "Send".

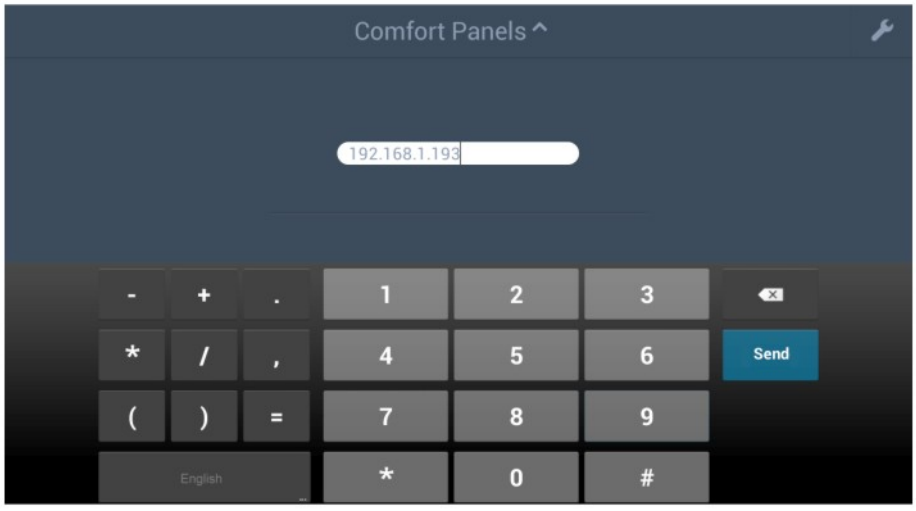

Fig. 4: Entry of IP address

6. Now tip on the appropriate panel in the list. The available panels are indicated with the panel icon.

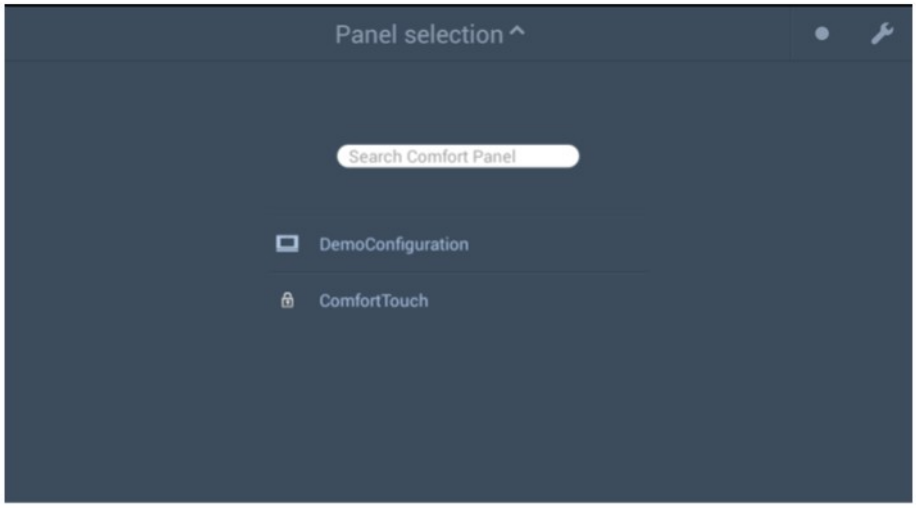

Fig. 5: Panel selection

7. The following message on the **Busch**-*ComfortTouch*® must be confirmed.

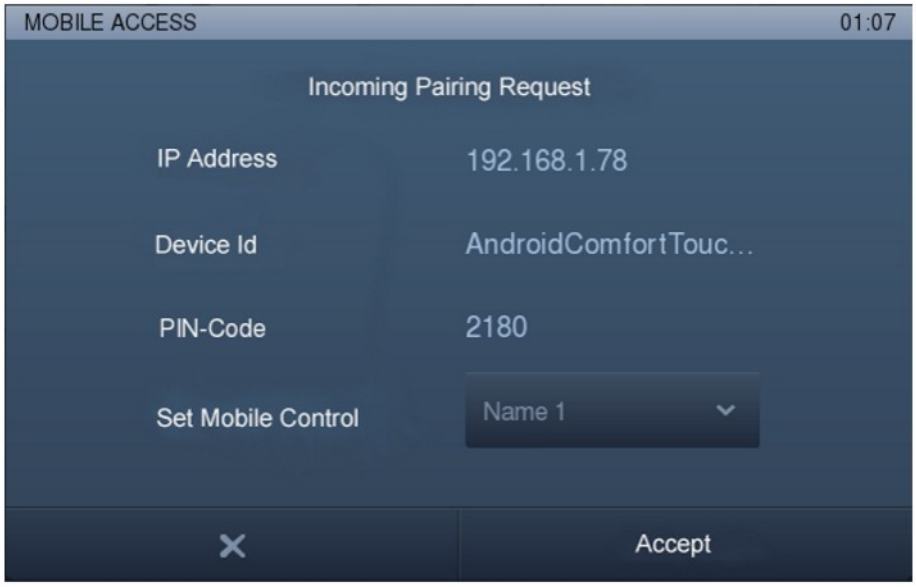

Fig. 6: Message on the **Busch**-*ComfortTouch*®

Note

If there are several mobile settings (Set Mobile Control), they can be selected here!

8. After confirming the message, a message with a PIN code is displayed on the **Busch**-*ComfortTouch*®. Enter the displayed PIN code on the terminal device.

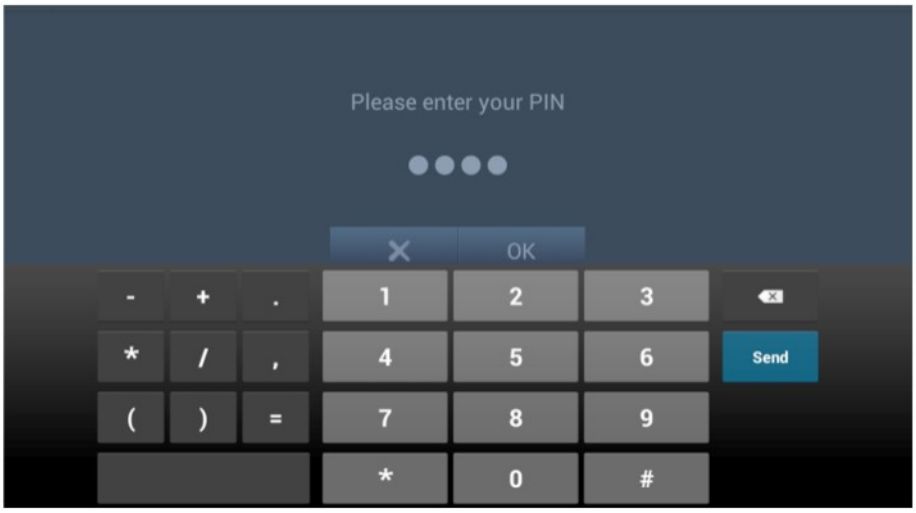

Fig. 7: Message with PIN code on the **Busch**-*ComfortTouch*®

9. Select the desired language from the list.

Commissioning of the ComfortTouch App is now complete.

4.2 Changes on the Busch-*ComfortTouch*®

If changes have been made to the configuration (Project upload from IP-Project) to a **Busch**-*ComfortTouch*® connected to a ComfortTouch App, re-commissioning according to chapter "Installation and coupling with the Busch-ComfortTouch® " is to be carried out.

5 Setup

You can now set up the ComfortTouch App according to your wishes. The setup of a matrix and a room view is shown here as an example.

Note

- The applications and control elements available in the ComfortTouch App depend on the configuration of the mobile settings on respective **Busch**-*ComfortTouch*®.
  – If a smartphone is used as terminal device, only the views "Dashboard" and "Matrix" will be available.

5.1 Setting up a dashboard

1. Tip on the following icon.

Fig. 8: "Setup" icon

2. The following view opens.

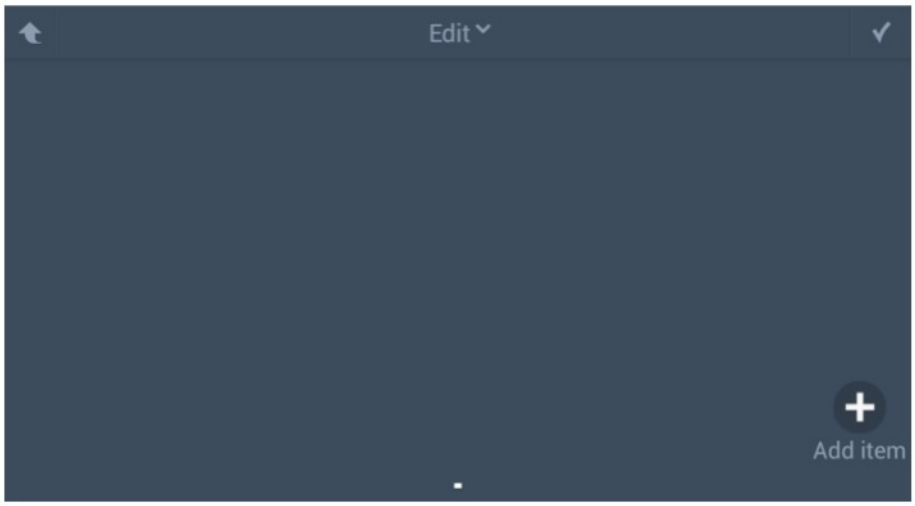

Fig. 9: Add room

3. Tip on "+". The following view opens.

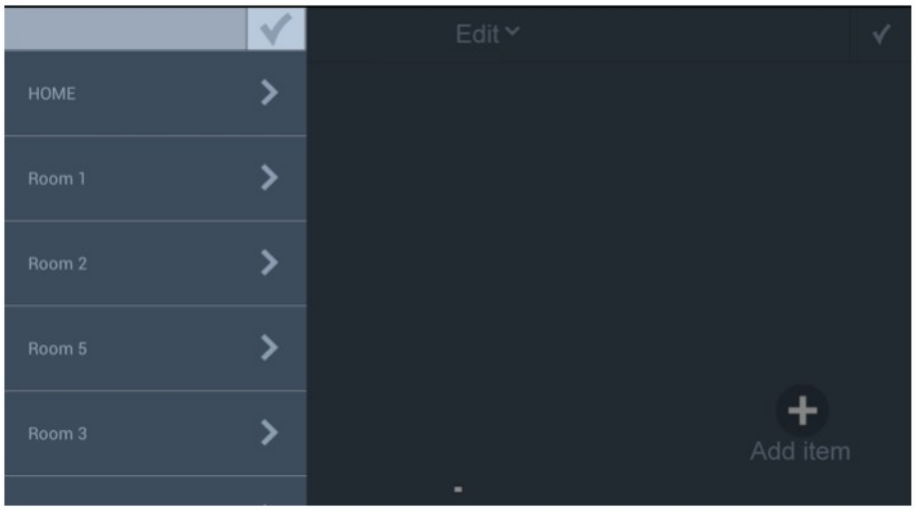

Fig. 10: Selecting the room

4. Select a room. Tip again on the room (middle column). The control elements for selection are displayed in the right column.

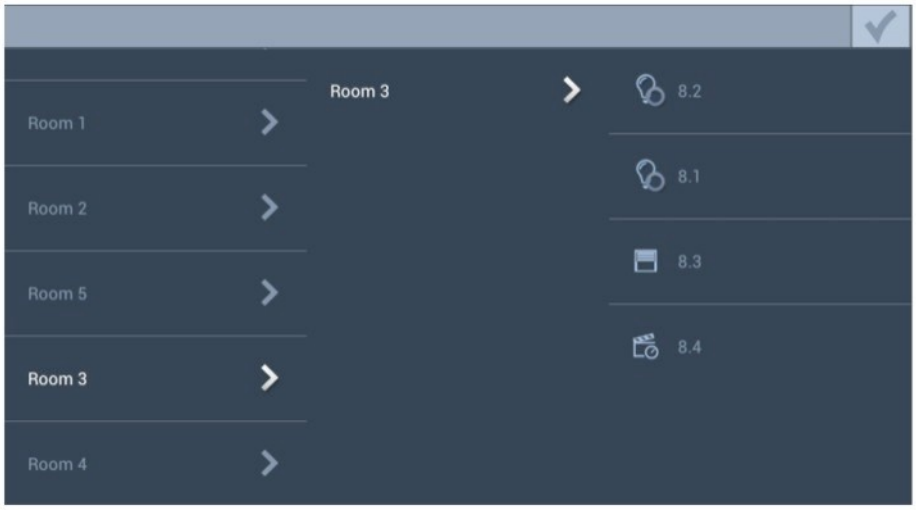

Fig. 11: Selecting control elements

5. Tip on the control element. The control element selected is inserted into the room.

Note

The control elements can be deleted from the room view by tipping on the cross (✕) on the control element. You can move the control element via drag and drop.

6. If you wish to add further control elements repeat the procedure starting from step 3. When you have added all control elements tip on the tick (✓).

5.2 Setup of a room view

1. In the dashboard tip on the arrow in the top left (also via other views -> repeated tipping on the arrow). The following selection opens.

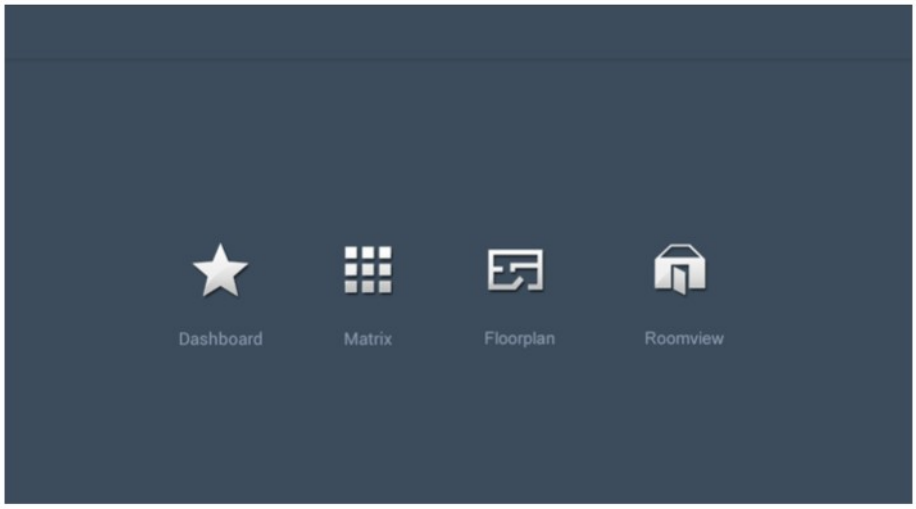

Fig. 12: Selection of the view

2. Tip on the "Room view" icon.

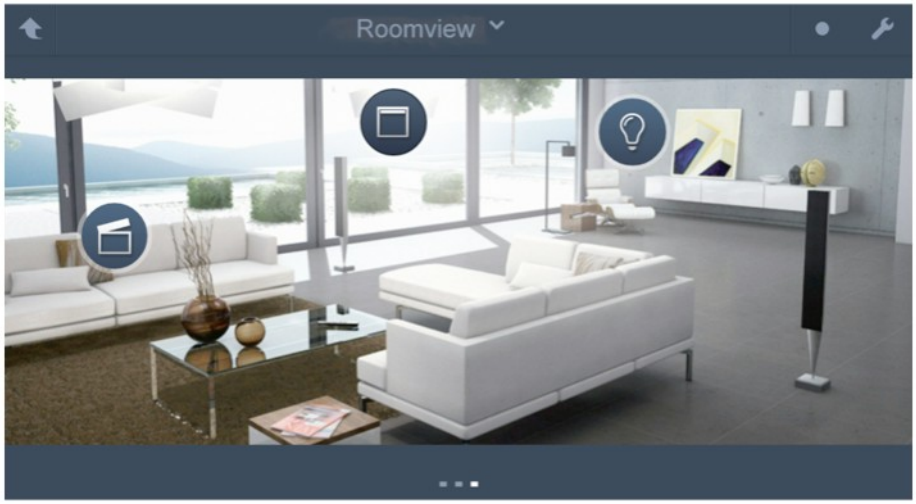

Fig. 13: Room view

3. Tip on the following icon.

Fig. 14: "Edit room view" icon

4. The following view opens.

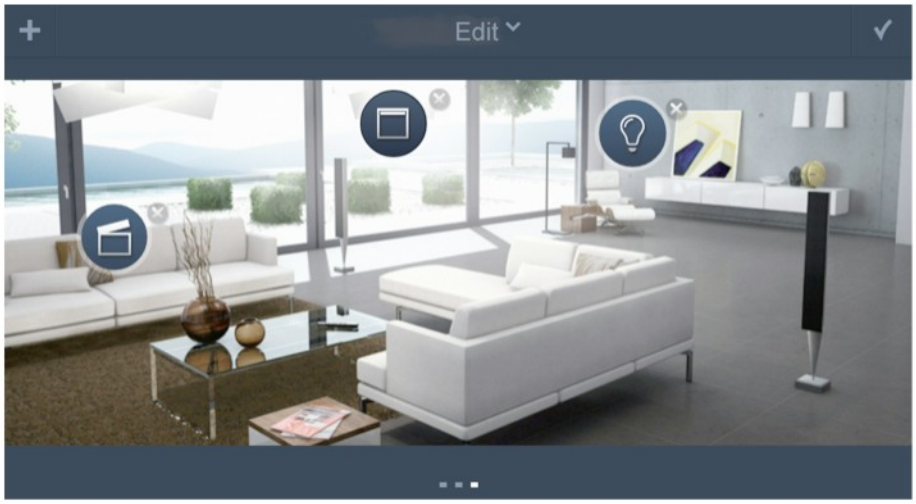

Fig. 15: Editing room view

5. Tip on "+". The following view opens.

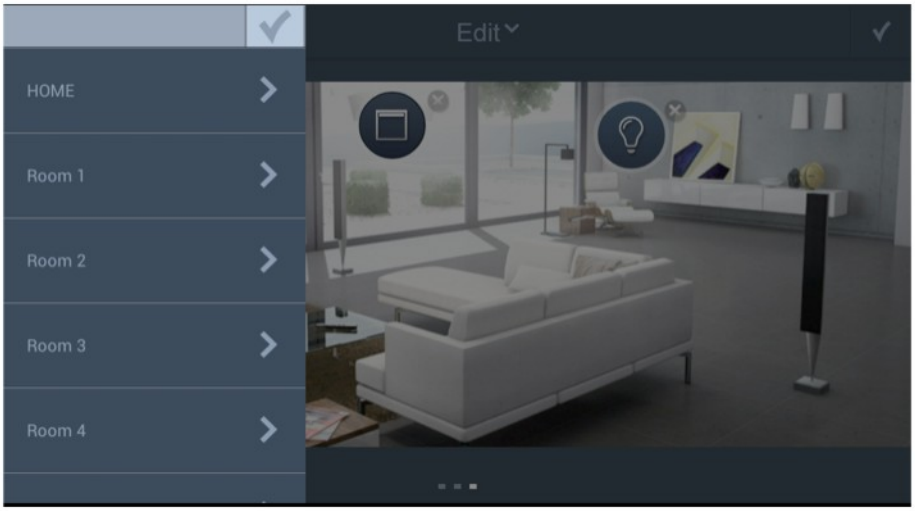

Fig. 16: Selecting the room

6. Select a room. The control elements for selection are displayed in the right column.

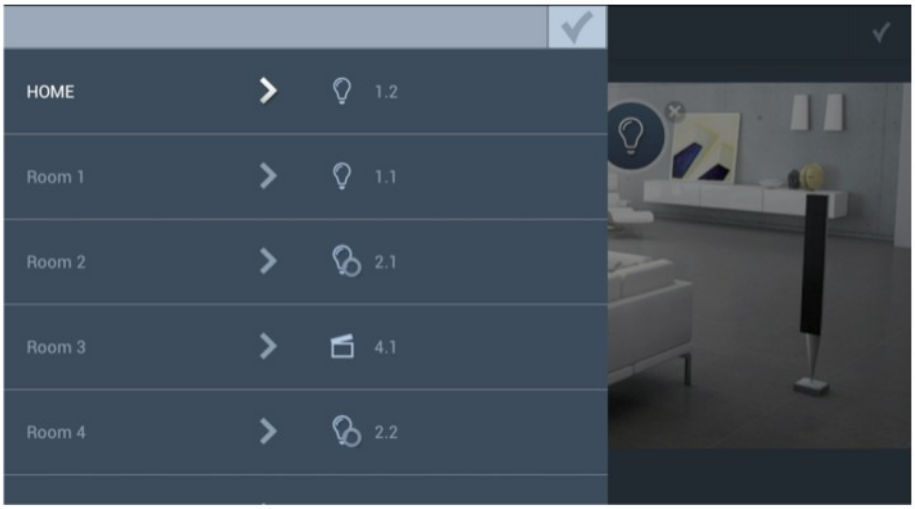

Fig. 17: Adding control elements

7. Tip on the control element. The control element selected is inserted into the room.

Note

The control elements can be deleted from the room view by tipping on the cross (✕) on the control element. You can move the control element via drag and drop.

8. If you wish to add further control elements repeat the procedure starting from step 4. When you have added all control elements tip on the tick (✓).

5.3 Adding pages (room views)

1. Open the fold-down menu (swap menu) via the icon at the bottom edge of the monitor.

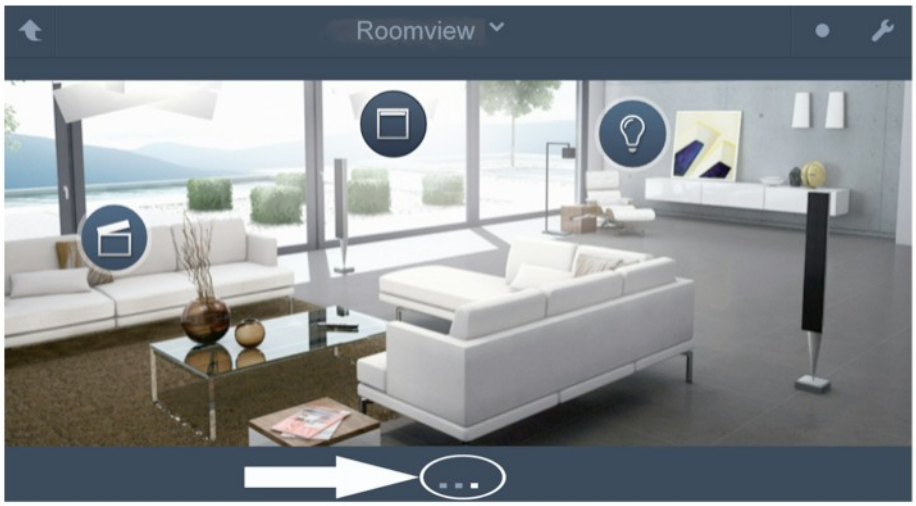

Fig. 18: Opening the swap menu

2. Tip on the following icon.

Fig. 19: "Add pages" icon

3. In the following view tip on "+". An additional page is added. If necessary, add additional pages by tipping on "+".

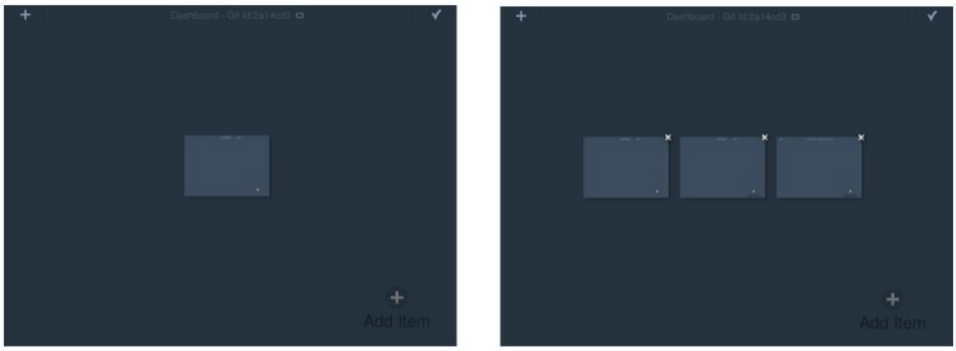

Fig. 20: Adding pages

4. After you va added the desired number of pages, tip on the tick (✓).

5.4 Adding room images

You can add room images to each page. The room images can be selected from the gallery of the mobile device or created with the camera of the mobile device.

1. Select the page into which you want to insert the room image.
2. Tip on (+).
3. Select the desired source for the room image:

- Select photo: Selection of the room image from the gallery of the mobile device. Select the desired room image.
- New photo: Opens the camera function of the mobile device with which you can create a room image.

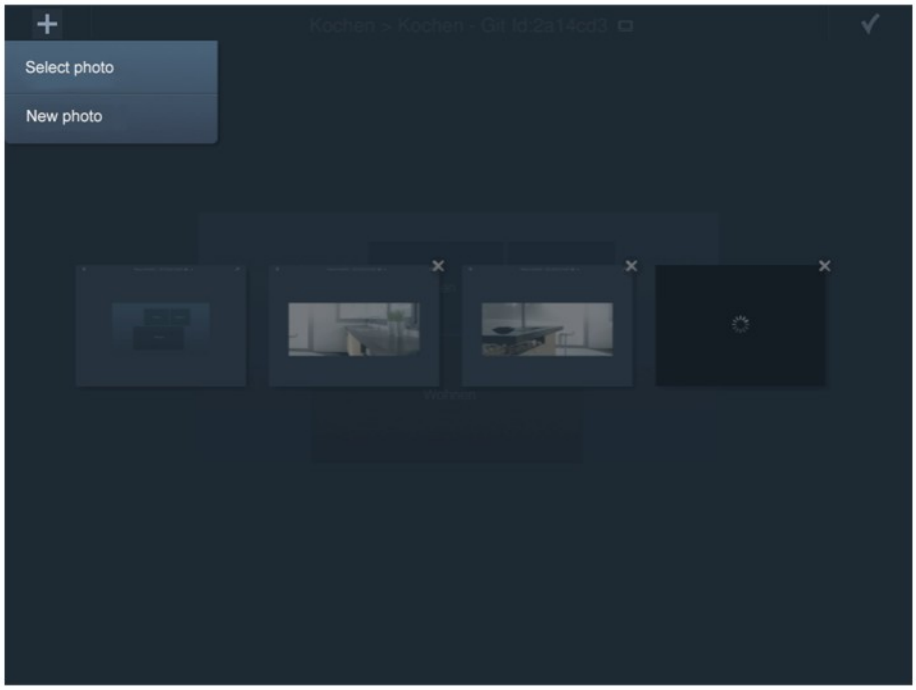

Fig. 21: Adding room images

5.5 Editing room images

Existing images can also be re-edited. For this, tip on the following icon in the editing mode of the room view.

Fig. 22: "Edit room image" icon

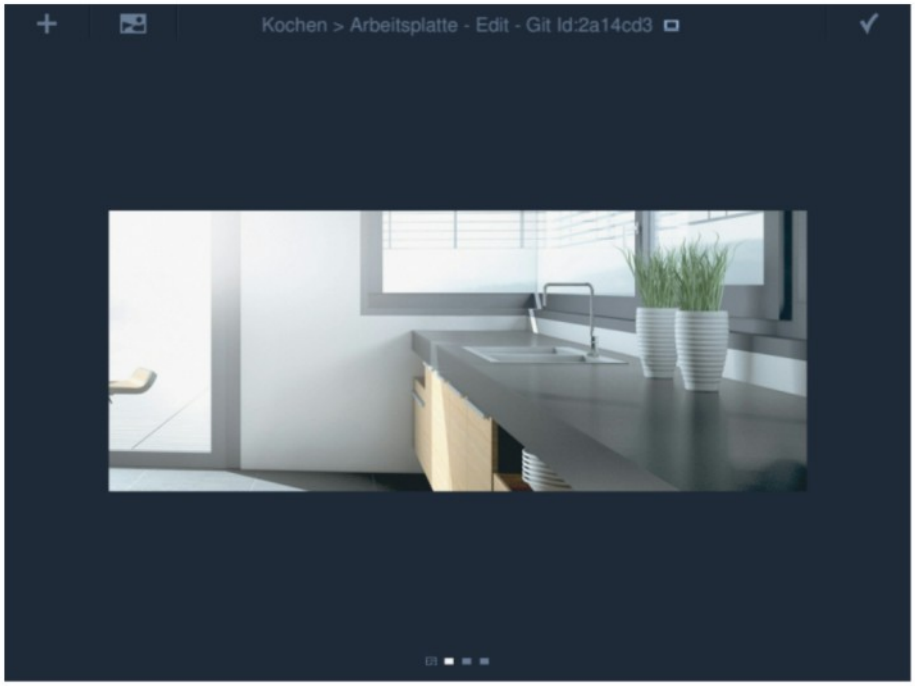

Fig. 23: Editing room images

Select the appropriate function from the menu.

5.6 Deleting configurations (Panels)

Deleting of configurations may become necessary when transmission problems occur between the ComfortTouch App and a**Busch**-*ComfortTouch®*.

1. Close and open the ComfortTouch App to open the panel selection (see chapter "Installation and coupling with the Busch-*ComfortTouch®* ").

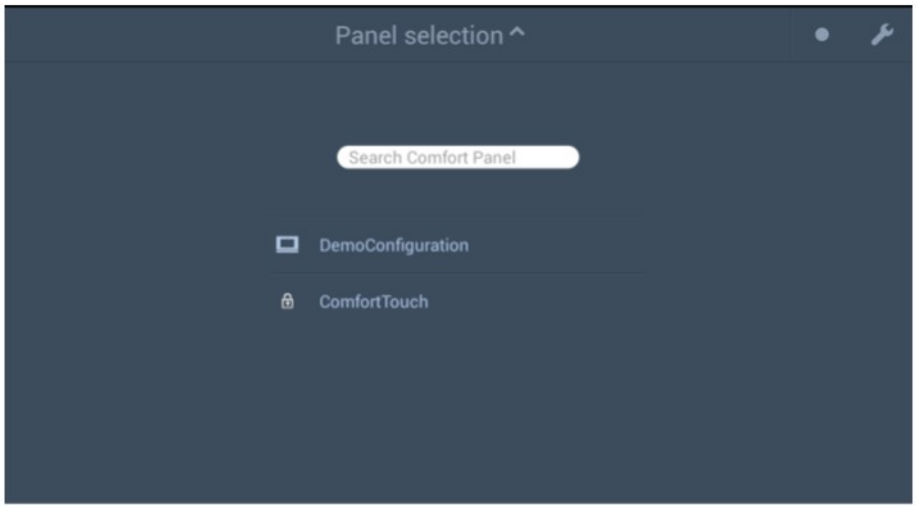

Fig. 24: Panel selection

2. Tip on the following icon:

Fig. 25: "Edit panel selection" icon

Crosses (✕) are now displayed next to the panel.

3. To delete a panel, tip on the cross (✕) next to the panel that is to be deleted.
4. If necessary, add the panel again (see chapter "**Installation and coupling with the Busch-ComfortTouch®** ").

6 Operation

6.1 General

Note

The applications and control elements available in the ComfortTouch App depend on the configuration of the mobile settings on respective **Busch-***ComfortTouch*®.
The ComfortTouch App must have been set up according to chapter "Setup".

The icon system makes the operation of the elements self-explanatory. The operation is adapted to the operation of the **Busch-***ComfortTouch*®.

Note

On terminal devices with the Apple iOS operating system you need to swipe with two fingers to change the pages.
On terminal devices with the Android operating system you only need to swipe with one finger to change the pages.

6.2 Selection of the view

There are a variety of views that can be called up (see Fig. 26).
Tip on the arrow in the top left of the dashboard to call up the view selection ( ). The following selection opens. Tip on the desired view.

Note

To return to the view selection from the other views, tip repeatedly on the arrow ( ) until the view selection is opened.

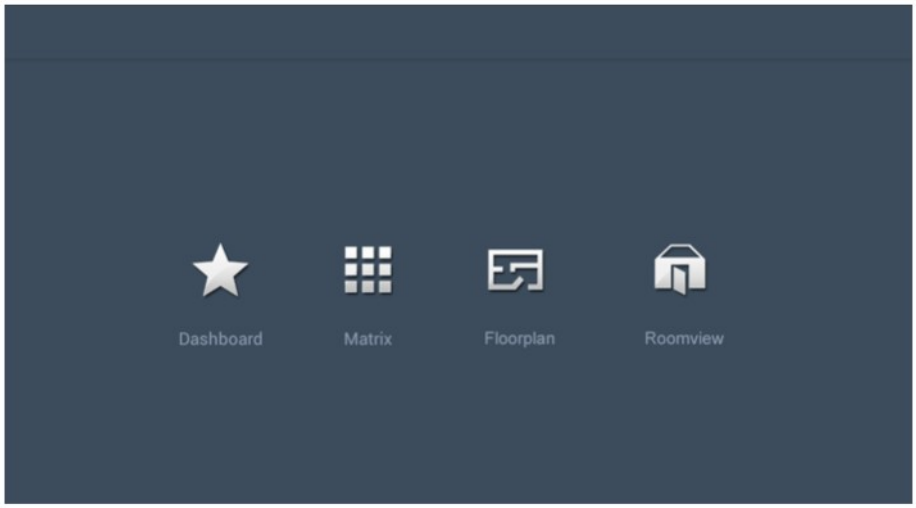

Fig. 26: Selection of views

6.2.1 "Dashboard" view

This is a page with an overview of the most important control elements, as well as links to the different room views.

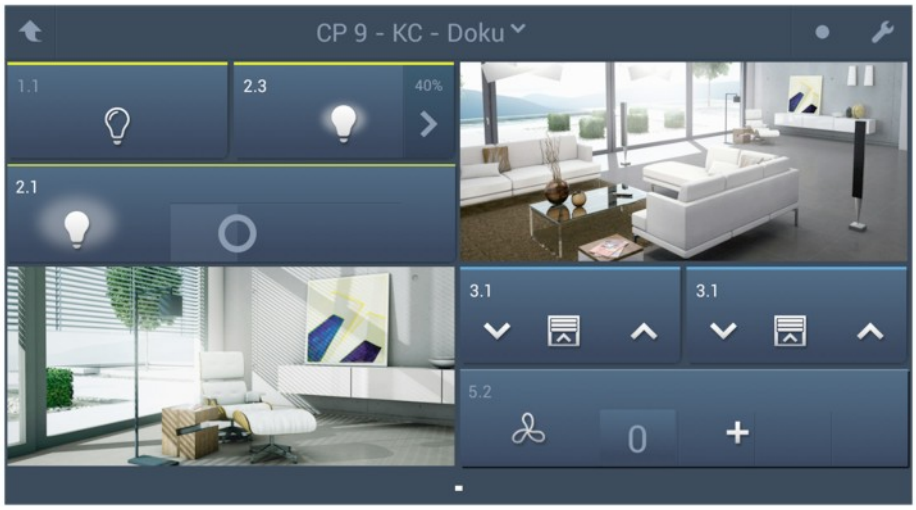

Fig. 27: Dashboard (Example)

6.2.2 "Matrix" view

The matrix is a list with an overview of all rooms and the control elements they contain.

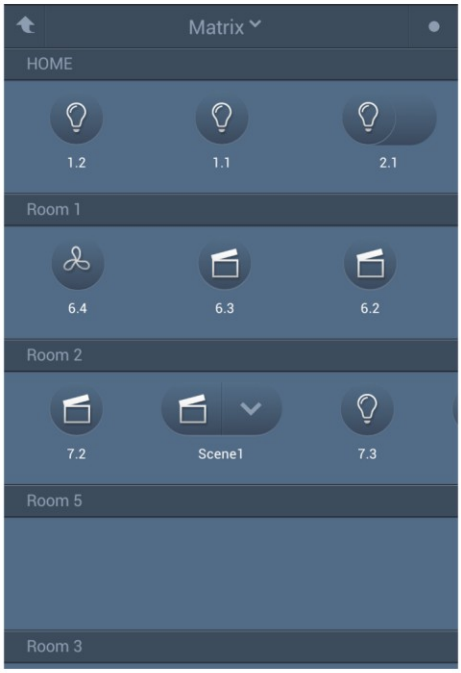

Fig. 28: Matrix (Example)

6.2.3 "Floor plan" view

The floor plan is the view of the rooms of a storey. Tipping on a room opens the associated view of the room.

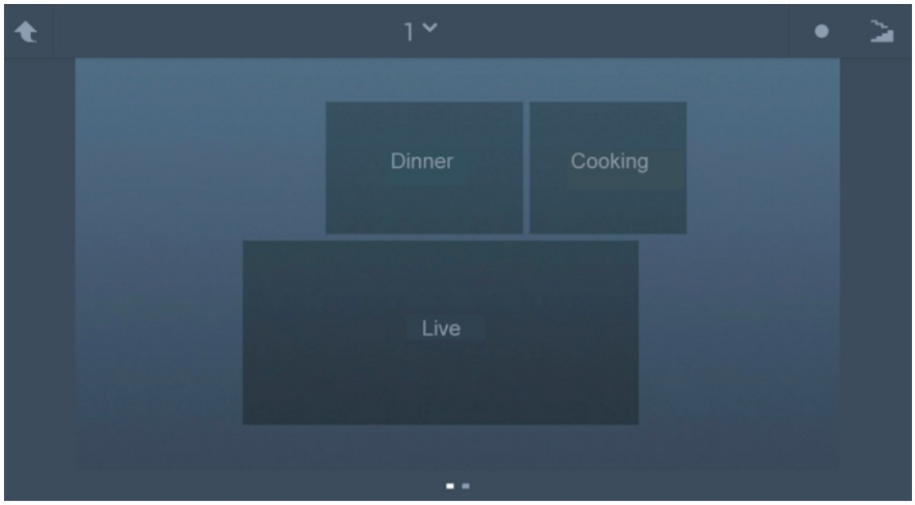

Fig. 29: Floor plan (Example)

If there are several storeys, one can switch between the floor plans.

1. Tip on the following icon:

Fig. 30: Floor plan icon

The list with the storeys opens.

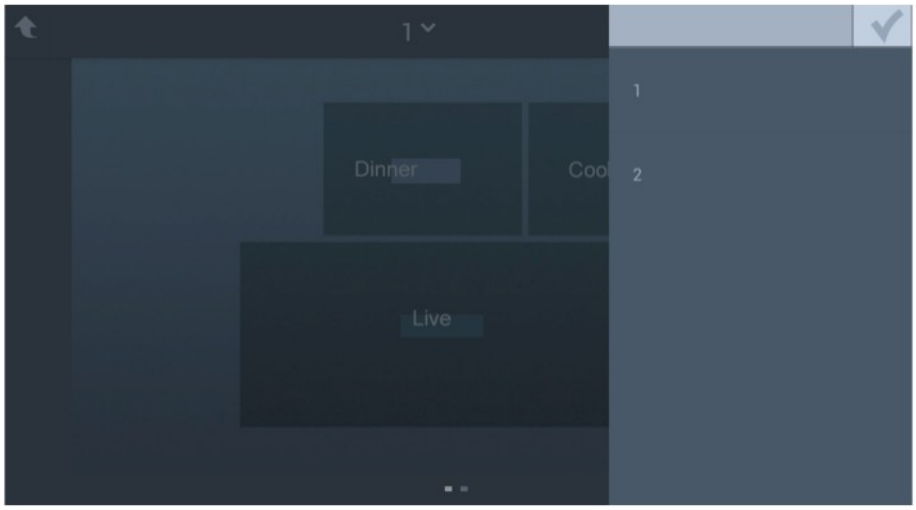

Fig. 31: Floor plan

2. Select the desired storey by tipping and confirm the selection with the tick (✓).
The floor plan of the desired storey opens.

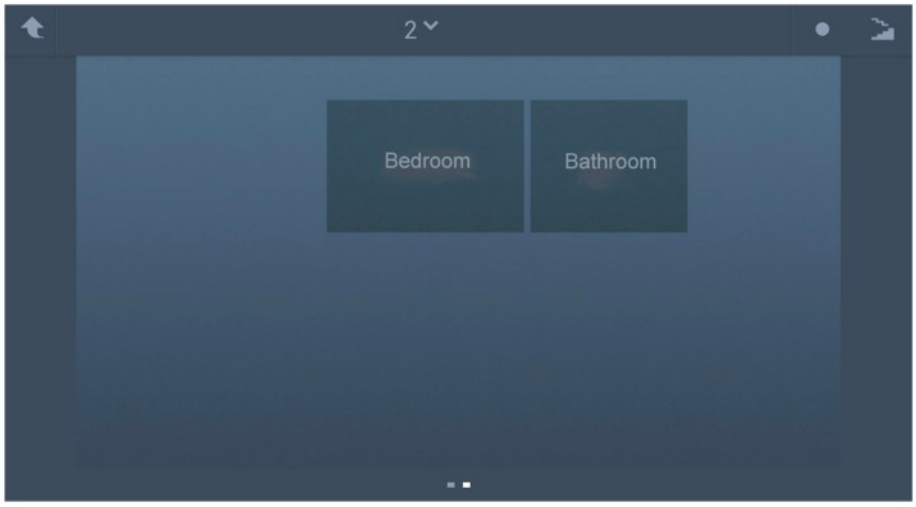

Fig. 32: Floor plan

6.2.4 "Room view" view

The room view shows all control elements of a room before the set room image.
Tipping the control element of a room triggers the corresponding action.

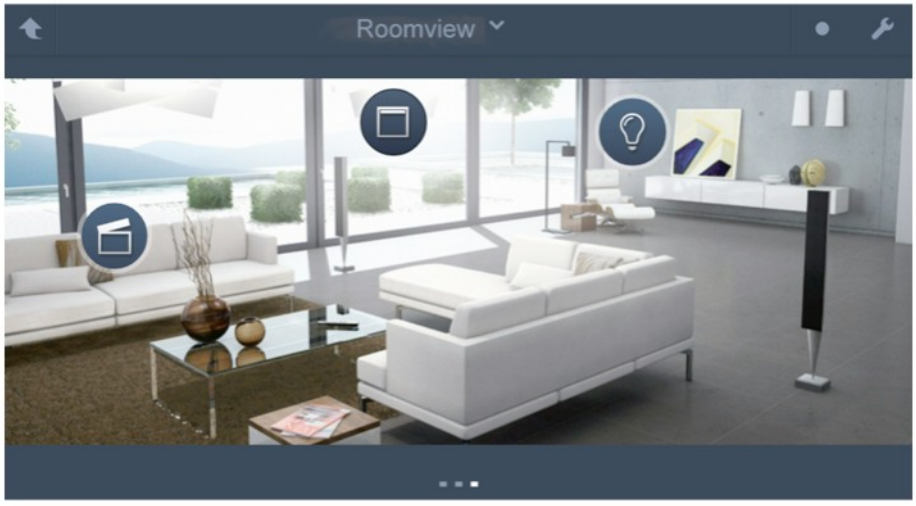

Fig. 33: Room view (Example)

6.3 Displays of the connection status

The status of the connection between the ComfortTouch App and a **Busch**-*ComfortTouch*® is displayed via an icon in the top bar.

Icon	Colour	Status
	White	The connection between the ComfortTouch App and the **Busch**-*ComfortTouch*® is established.
	Grey	The connection between the ComfortTouch App and the **Busch**-*ComfortTouch*® is interrupted.

When the connection between the ComfortTouch App and the **Busch**-*ComfortTouch*® is interrupted, one can still change between the pages in the App. However, no command telegrams can be transmitted when the connection is interrupted.

A member of the ABB Group

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