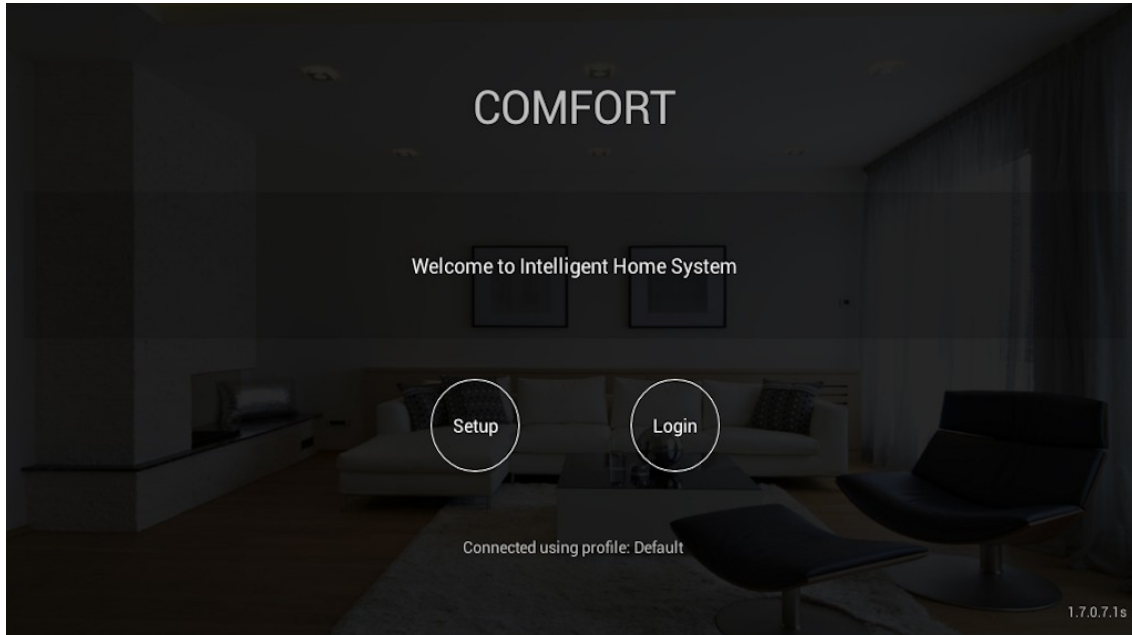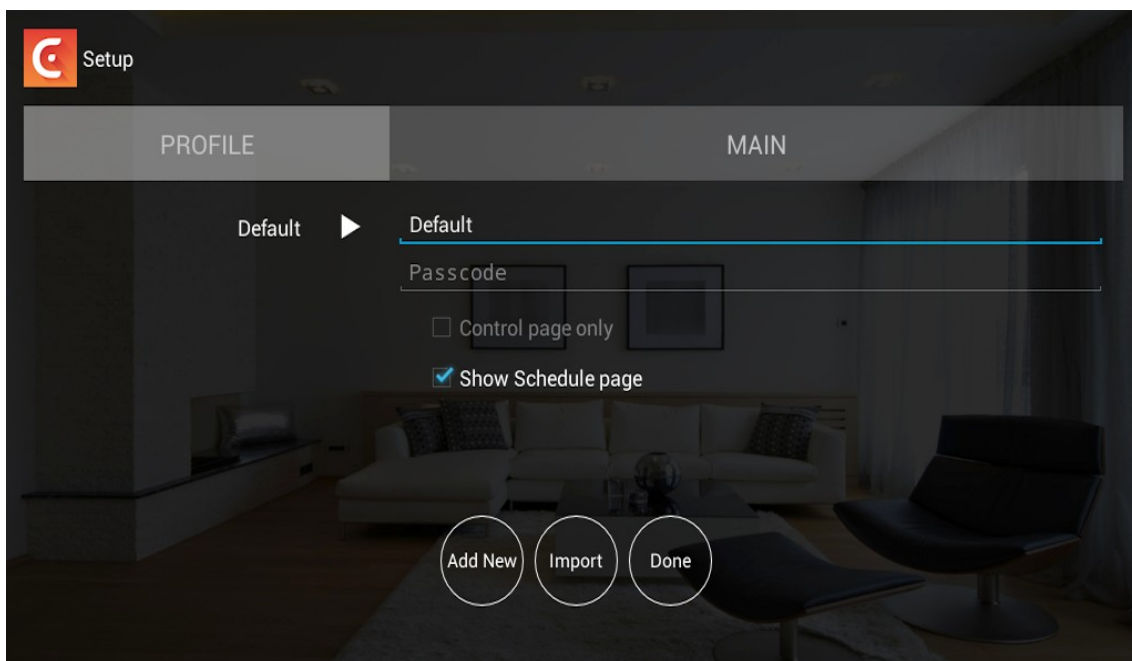# KT05 Touchscreen Keypad

KT05 is a wall-mounted touchscreen user interface for CM9001 Comfort Integrated Intruder Alarm and Automation System which allows it to control the Security System as well as the lights, air-conditioning, and appliances that are connected to the Comfort system. Please refer to the Comfort User manual for instructions for the Comfort system. The manuals can be downloaded from http://www.cytech.biz/user_manual.html

After turning on the power the initial screen is shown below;

The Setup Page allows you to change settings.

"Default" is the default name of the profile. More than 1 profile can be added for control of different areas, eg "Main Building", "Annexe", "Store". If the user code is entered in the passcode field, then the saved user code will be entered automatically to log in. However the user code must always be
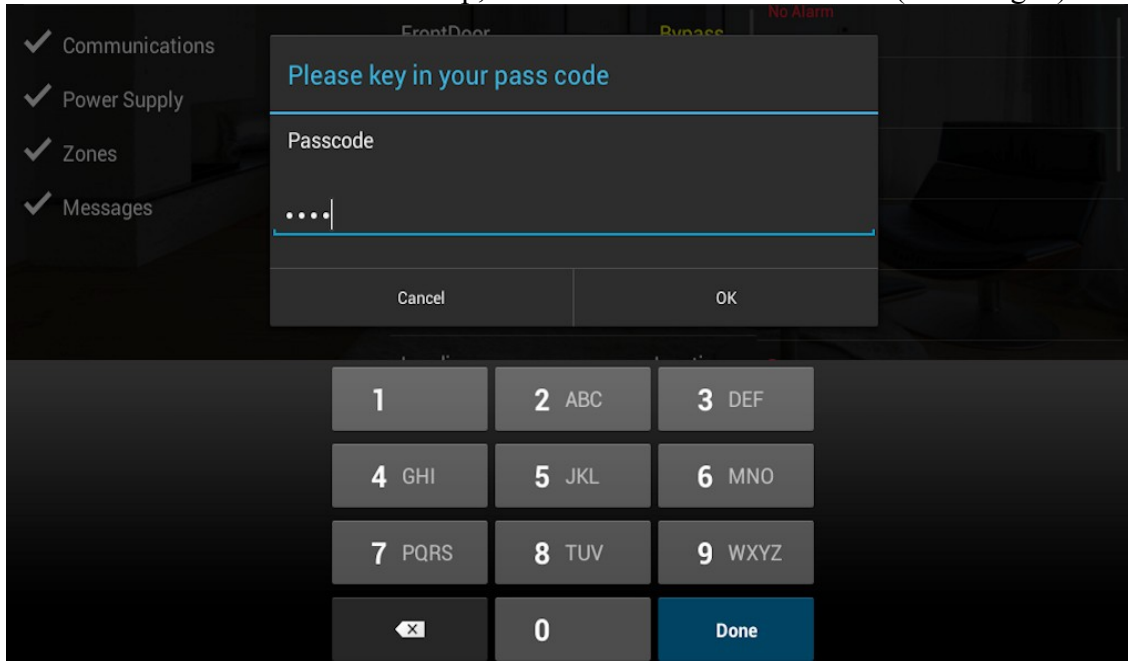
entered to disarm the Security system .

"Control Only" If this is checked the Dashboard and Schedule screens are not shown. This is suitable for an automation only system (without Alarm).
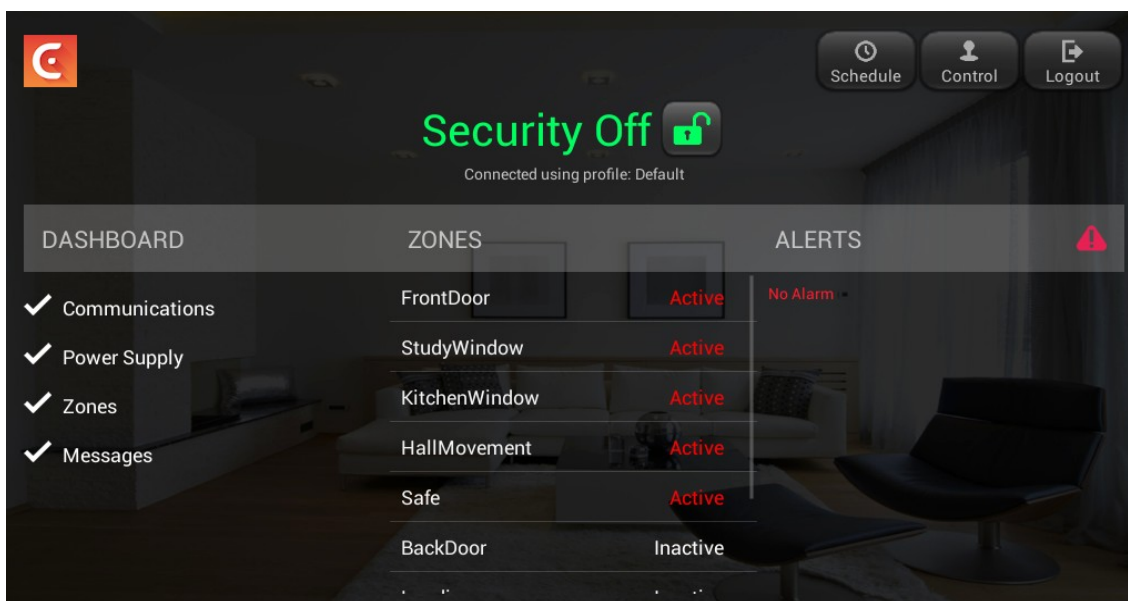
"Show Schedule Page" Check this to show the Schedule (Time Programs) Page. Uncheck to disable the Schedule page

Login

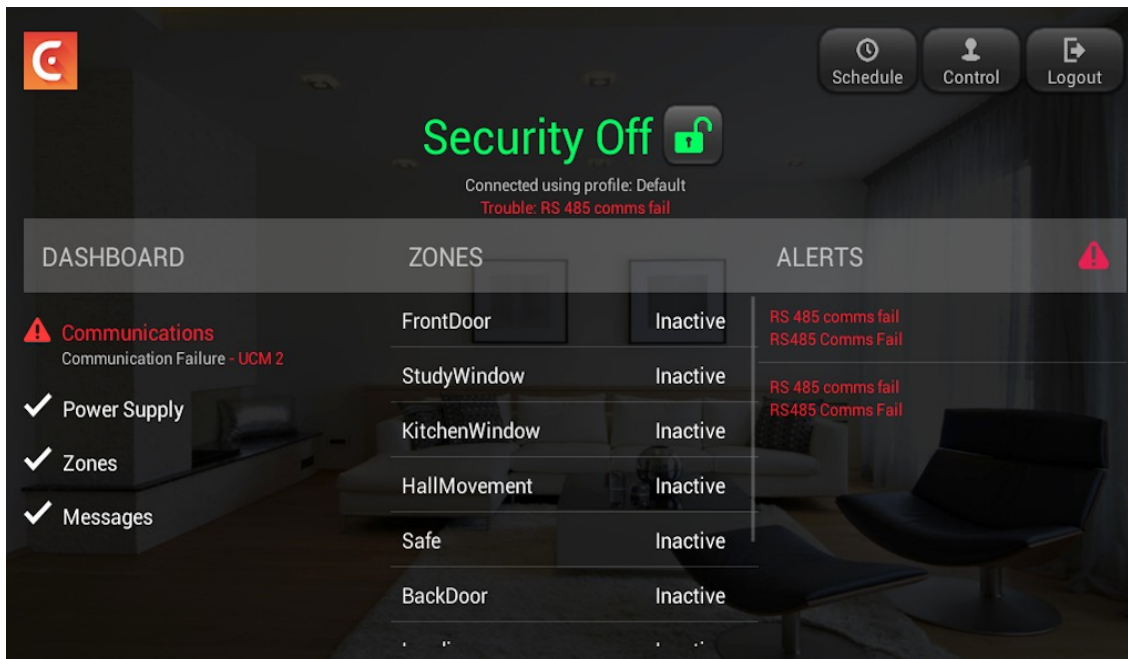If the user code is not saved in Setup, the user code has to be entered (4 to 6 digits).

If the code is incorrect, a message will pop up to ask you to enter the code again. If the code is correct, the Dashboard screen is displayed.
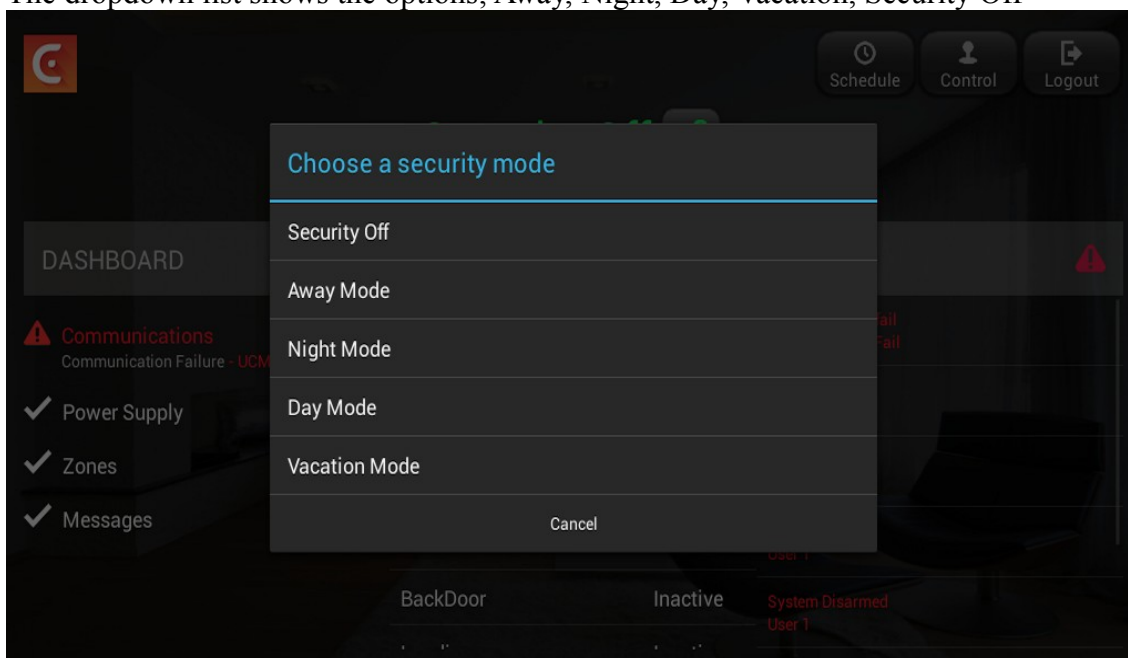

On the left is the alarm status summary, showing any Trouble alerts like Communications, Low battery Power Failure and Zone Trouble.

In the screen below, Communications failure UCM2 means there is the UCM #2 in the system is not responding, and must be checked.
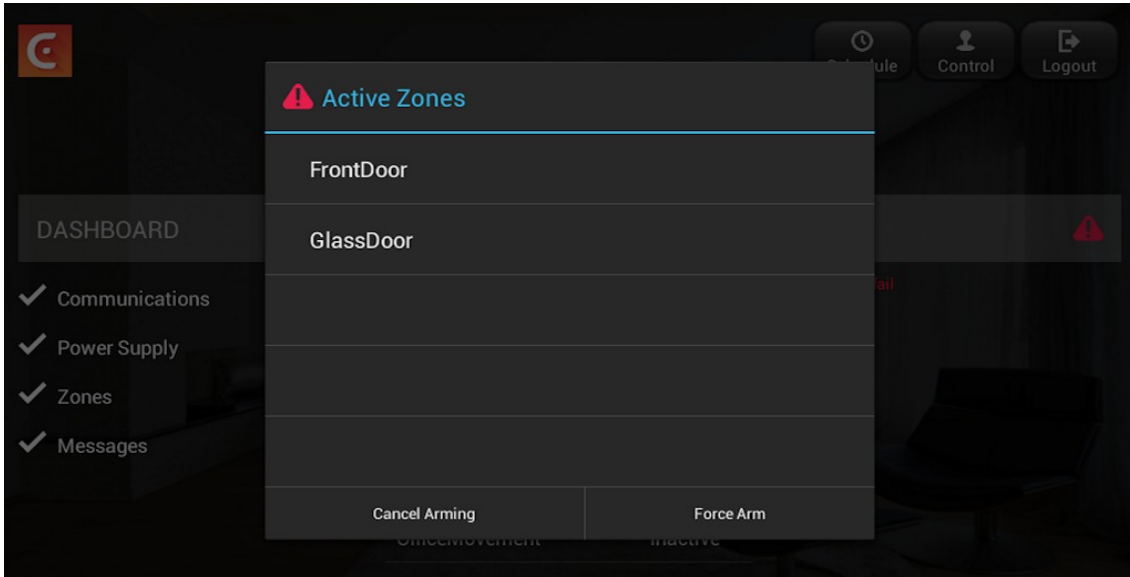
The centre pane shows the state of the security zones zonnected to the system; Active and Inactive.
The right pane "Alerts" shows the list of events that have occured when the KT05 is online
The top of the screen shows the Security Mode, ie "Security Off", "Away", "Night", "Day"
To arm or disarm the system press the Security Mode Status button.
The dropdown list shows the options; Away, Night, Day, Vacation, Security Off

To disarm to Security Off, a popup window appears for the user to enter the user code default 1234.

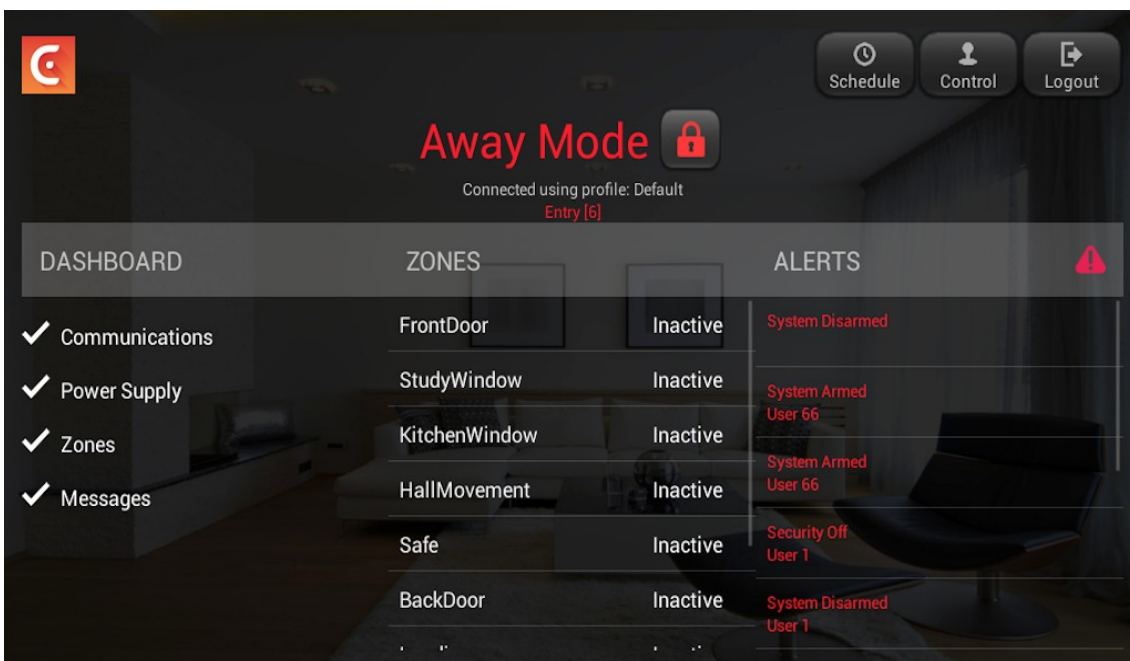 To arm the security system, the user code is not needed

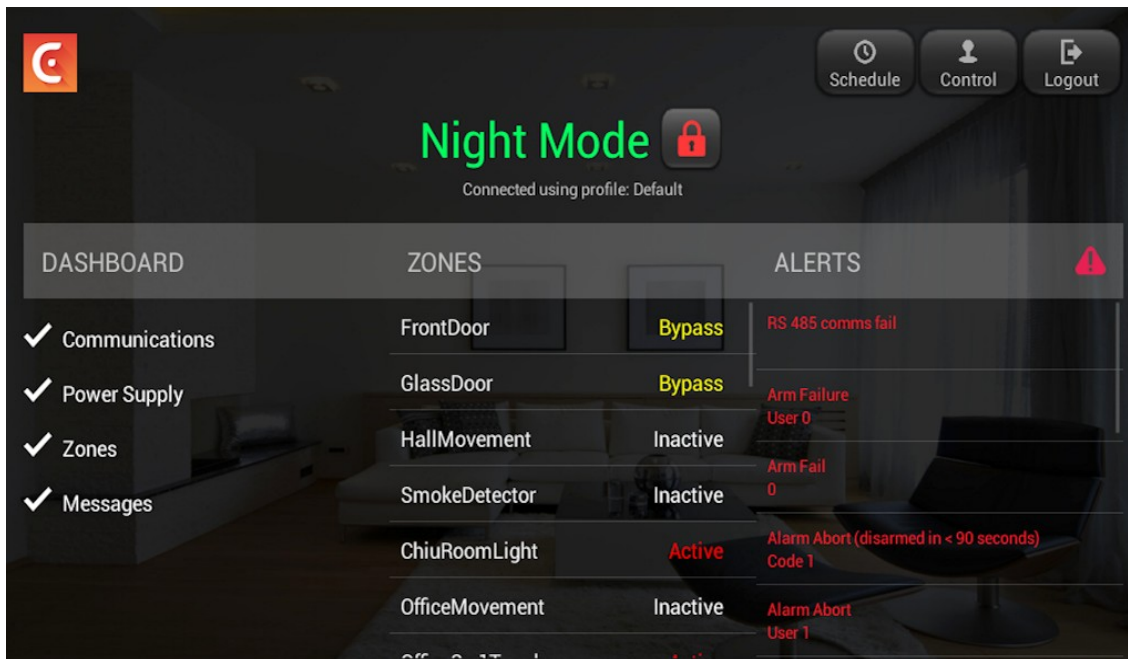When arming the security system, open zones are announced on other keypads and displayed on the KT05

The options are to "Cancel Arming" (to abort the arming) and "Force Arm" (which means to automatically bypass all zones and arm the system).

When arming to Away Mode, the user must exit the premises via the entry door. That means the Entry Door must be opened and closed. If the door is already open, it has to be closed. This allows the system to complete arming to Away Mode. An "Arm Failure" alarm occurs if the Entry Door remains closed.
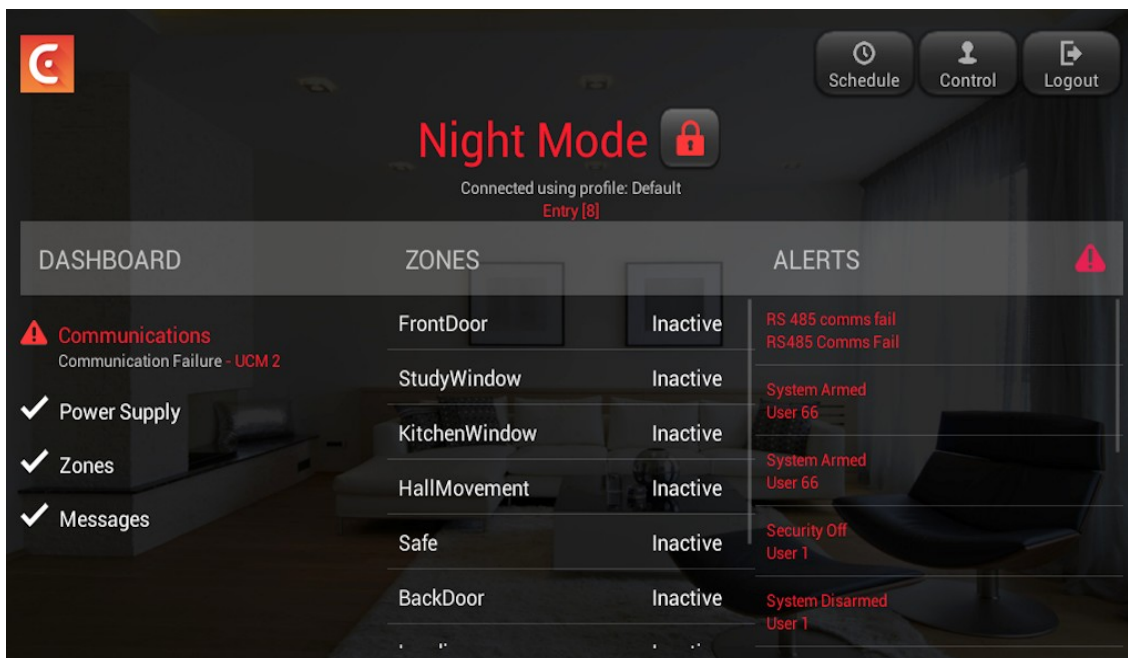

When arming to Night or Day modes, Exit is not required, and the system will be armed after a delay.
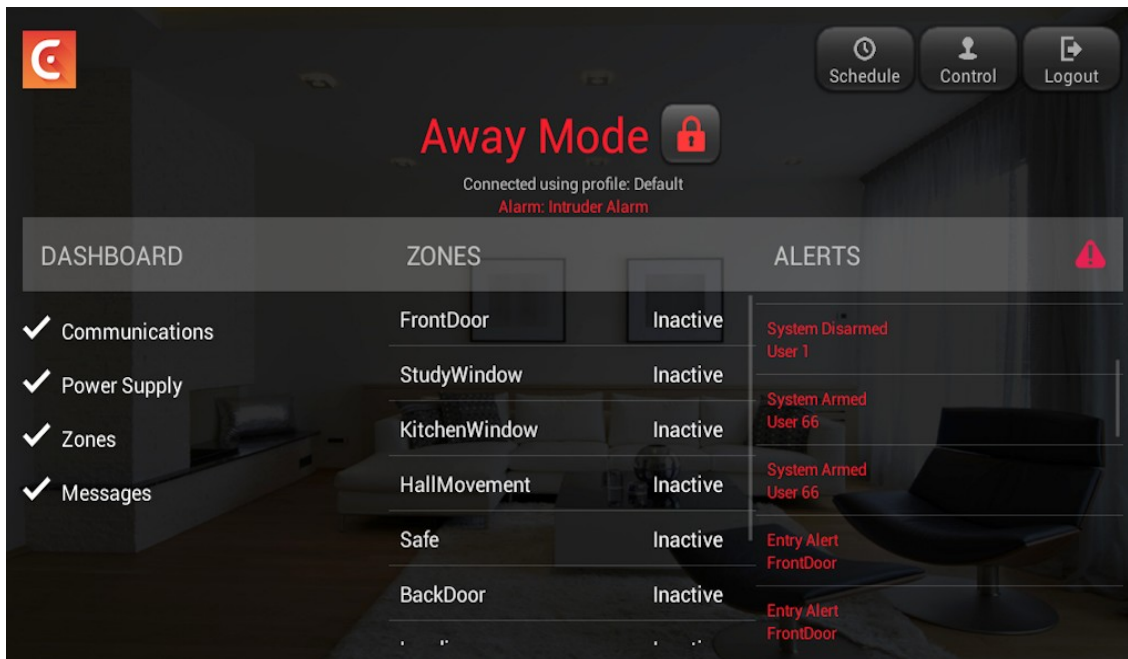
If any doors or windows have been bypassed as a result of Force-arming, the Bypass status is shown as above. Any open zones bypassed during force arming is automatically unbypased when the zone is closed.

When the system is armed and the entry door is opened, an Entry timer will appear to allow the user time to disarm the system.
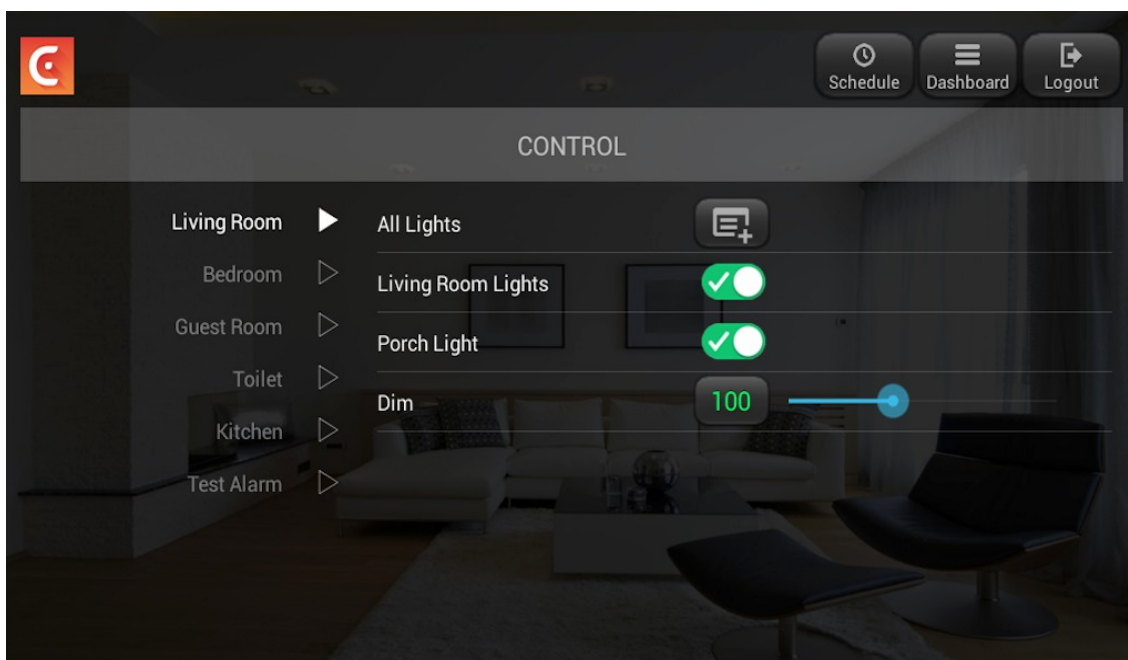

If an alarm occurs it will appear on the KT05

Control

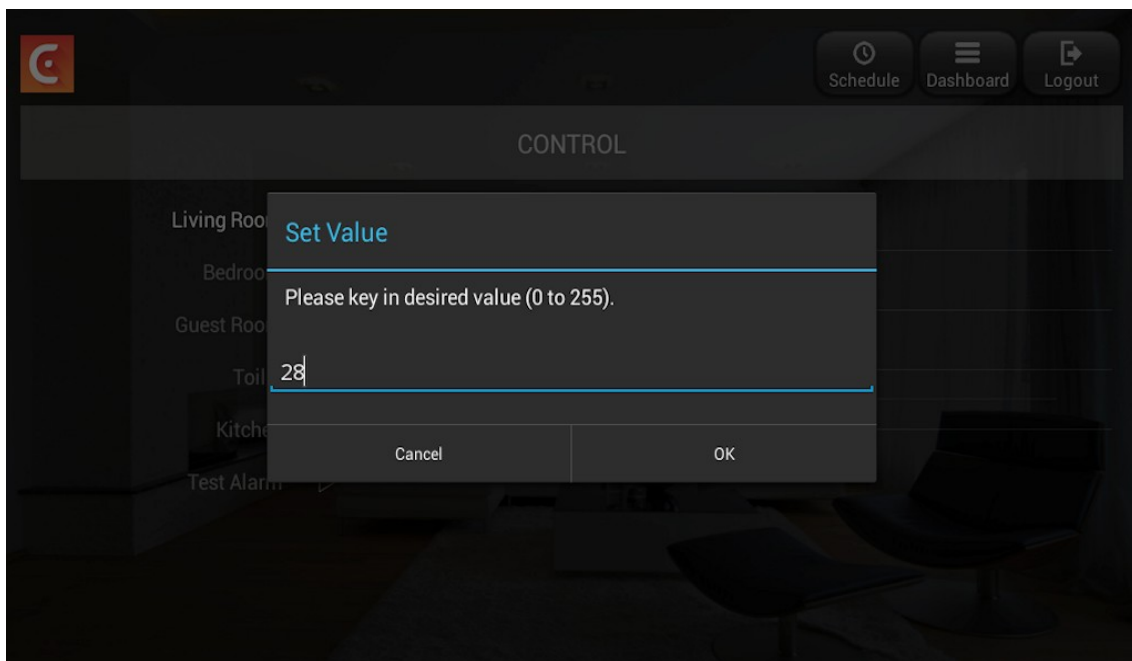Press the Control Button to go to the Control Page

Up to 6 control groups are displayed. Each Control Group consists of Control Keys, and each Control Key consist of control actions.

Control Group can be used for Rooms – This is on the left pane
Control Keys can be used for appliances – this is shown on the centre pane
Control Actions can be used to show indiviual actions like on, off, dim etc This is on the right pane
Selecting the group shows the control keys in the group. Selecting the control key shows the control actions, and shows the status on/off dim level etc. Selecting the control action toggles the state. If it is a diming action the status is shown as a slider and the slider can be used to change the state.
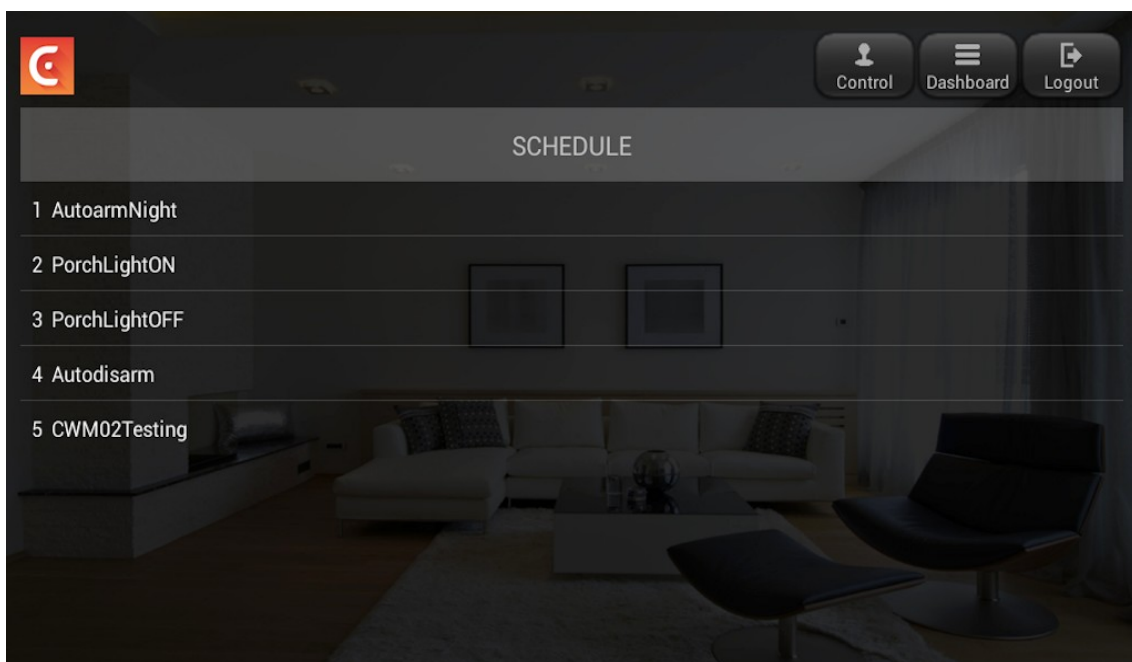
You can also enter a value directly into the slider by selecting the button showing the number eg 100 next to DIM in the above screenshot. Valid values are 0 to 255.
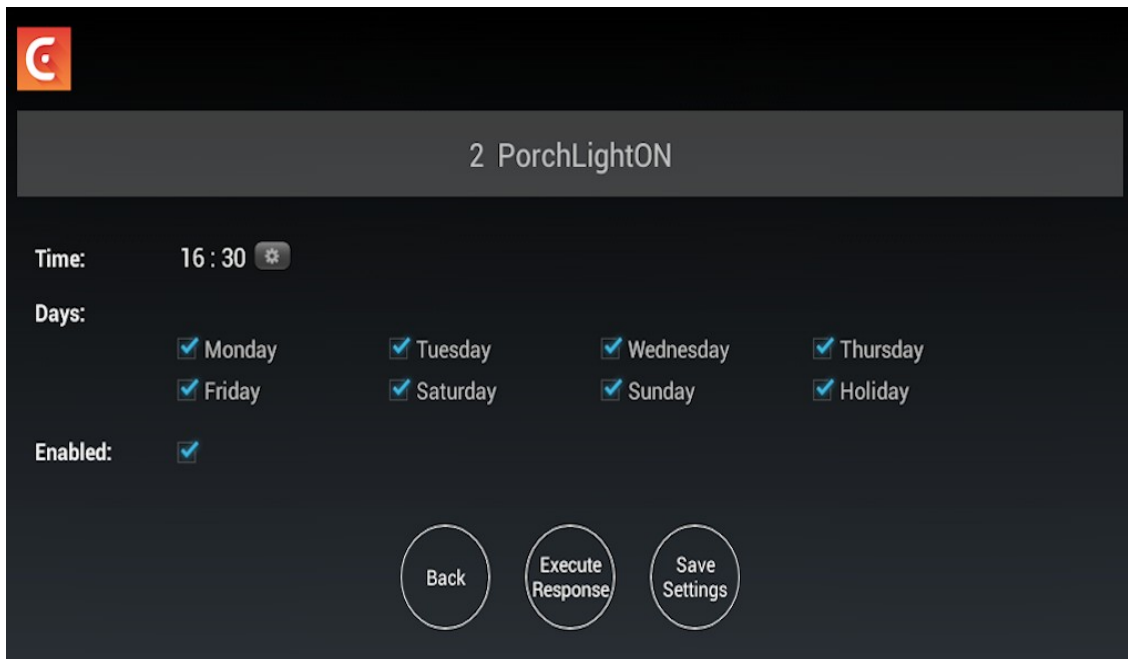

This changes the slider to the desired value.

Schedule

This allows the Time programs in Comfort to be displayed and the days of week and times changed

Press Schedule (Time program) number to go to the Change Schedule (Time program) screen below

Select the Days of week for which the Schedule (Time Program) is enabled. The Time Program wil run at the Time indicated in the screen. This can be changed. Check the Enable Box to enable the Time program.

Press "Save Settings" to save the changed settings. Press the "Execute Response" button to immediately execute the programmed Response for testing purposes.

The latest manual can be downloaded from http://www.cytech.biz/kt05_touchscreen_keypad.html

Document History

20 September 2018