# HIQ Configurator

HIQ Configurator is a tool for setting the HIQ system configuration parameters. This includes device settings, timetable, automation, alarm and more. Controller Settings can be saved in a file. Hardware configuration is automatically detected during the installation.

To check the application without the hardware, run HIQ Simulator (included in HIQ Configurator install directory), keep it running, and click Autodetect.

HIQ Configurator works in a local network, internet access is not supported.

Download proper version from download page.

## Lights + Blinds

Manual control of lights, dimmers, blinds and scenes.

| Manual control | |
|---|---|
| **On Off lights** | Click on icon to toggle. |
| **Dimmable lights** | Adjust brightness with slider then click on icon to toggle on/off. |
| **Blinds** | Click on blind to set position. |
| **Scenes** | Click on scene icon to set affected lights and blinds to values stored in scene memory. |
| **Settings** | |
| **On Off lights** | Long-press to set auto off time in seconds; set to 0 to disable auto-off. |
| **Dimmable lights** | Long-press on numbers by dimmer icons to set minimum and maximum output level.<br>Check **Slow** option to gruadually enable intensity change for all dimmable lights. |

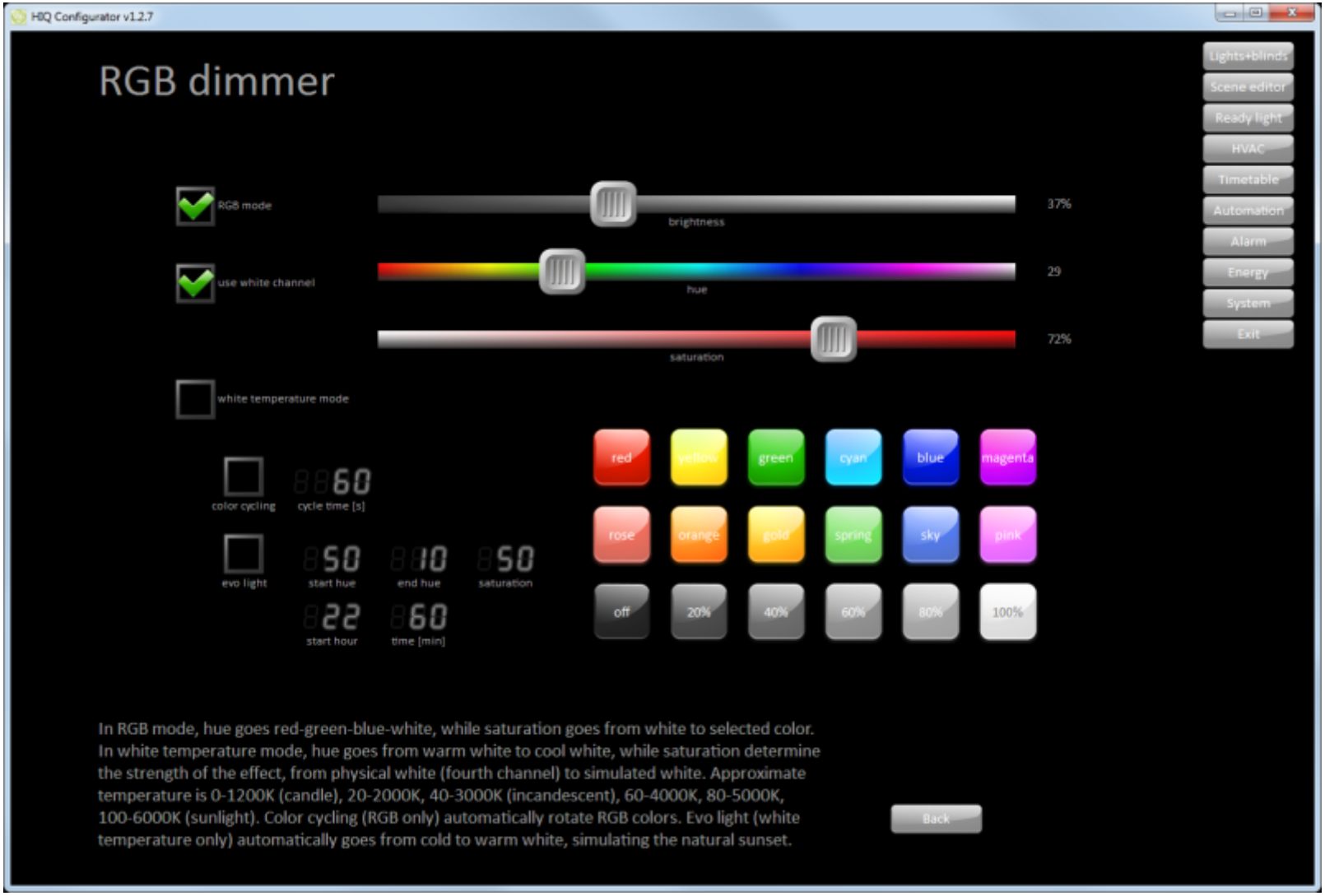
| | |
|---|---|
| **Blinds** | Long-press on upper / lower time to set rising / lowering time. |
| | Long-press on % to set intermediate position. Set to 0 for no intermediate position. |
| **Scenes** | Long-press on scene icon to memorize current lights/blinds state to scene memory. Only affected lights and blinds will be memorized. For setting affected devices see Scene editor. |


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Lights+blinds
Lights+blinds
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Exit
out 0 out 1 out 2 out 3 out 4 out 5 out 6 out 7 out 8 out 9
out 10 out 11 out 12 out 13 out 14 out 15 out 16 out 17 out 18 out 19
out 20 out 21 out 22 out 23 out 24 out 25 out 26 out 27 out 28 out 29
out 30 out 31 out 32 out 33 out 34 out 35 out 36 out 37 out 38 out 39
dimmer 0 53%
dimmer 1 67%
dimmer 2 0%
dimmer 3 0%
dimmer 4 0%
dimmer 5 0%
dimmer 6 0%
dimmer 7 0%
dimmer 8 0%
dimmer 9 0%
dimmer 10 0%
dimmer 11 0%
dimmer 12 0%
dimmer 13 0%
dimmer 14 0%
dimmer 15 0%
slow
scene 0 scene 1 scene 2 scene 3
scene 4 scene 5 scene 6 scene 7
scene 8 scene 9 scene 10 scene 11
scene 12 scene 13 scene 14 scene 15
scene 16 scene 17 scene 18 scene 19
scene 20 scene 21 scene 22 scene 23
scene 24 scene 25 scene 26 scene 27
scene 28 scene 29 scene 30 scene 31
blinds 0 100%
blinds 1 0%
blinds 2 0%
blinds 3 0%
blinds 4 78%
blinds 5 0%
blinds 6 0%
blinds 7 0%
blinds 8 0%
blinds 9 0%
RGB dimmer
Input setup
IR remote
Manual control for lights, dimmers and blinds. Press and hold to set output timer, dimmer minimum and maximum, blinds travel time and intermediate position; and to memorize the scene. To reset output back to normal, set timer to zero. Slow cause dimmer to change gradually.

## RGB dimmer

RGB mode is used when red/green/blue/(white) LED stripe is connected to the dimmer. Instead of individual light, total brightness, saturation and hue are controlled.

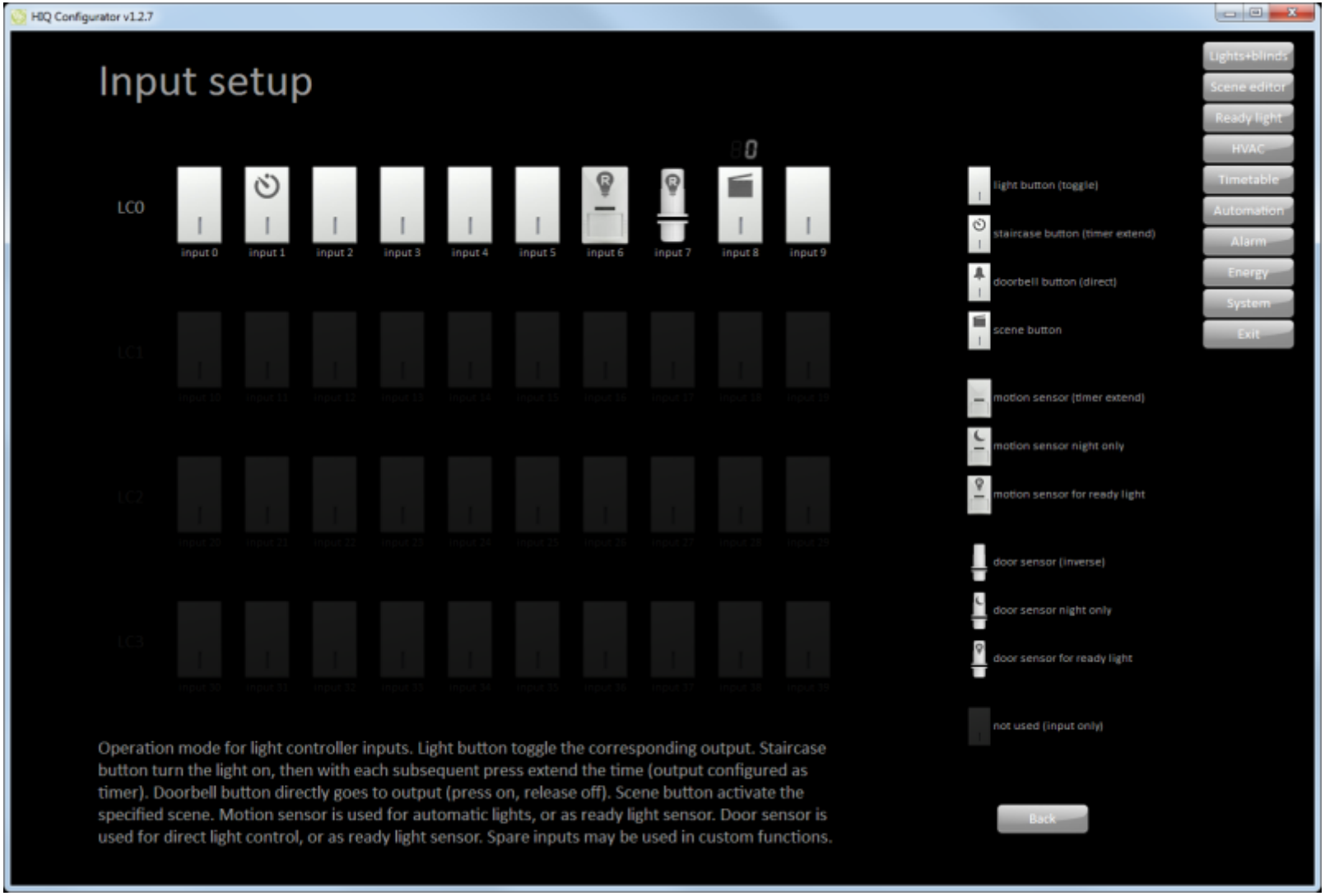
| **Control** |
| --- |
| Sliders on top adjust brightness, saturation and hue of RGB lights. Check boxes on right side toggle RGB and White lamps |
| Color cycling button will start color cycling. |
| Colors buttons will set RGB lights to match button colour. |
| Off button will turn RGB off. |
| **Settings** |
| Cycle time sets color cycling speed (time for complete cycle in seconds). |
| Evo light check box enables white range simulation, from warm to cold white. |


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RGB mode
brightness
37%
use white channel
hue
29
saturation
72%
white temperature mode
color cycling
60
cycle time [s]
evo light
50
start hue
10
end hue
50
saturation
22
start hour
60
time [min]
red
yellow
green
cyan
blue
magenta
rose
orange
gold
spring
sky
pink
off
20%
40%
60%
80%
100%
In RGB mode, hue goes red-green-blue-white, while saturation goes from white to selected color. In white temperature mode, hue goes from warm white to cool white, while saturation determine the strength of the effect, from physical white (fourth channel) to simulated white. Approximate temperature is 0-1200K (candle), 20-2000K, 40-3000K (incandescent), 60-4000K, 80-5000K, 100-6000K (sunlight). Color cycling (RGB only) automatically rotate RGB colors. Evo light (white temperature only) automatically goes from cold to warm white, simulating the natural sunset.
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## Input setup

Set mode of operation for each Light controller (LC) input.
Click on input icon to cycle between all options.
In scene mode corresponding scene has to be set.

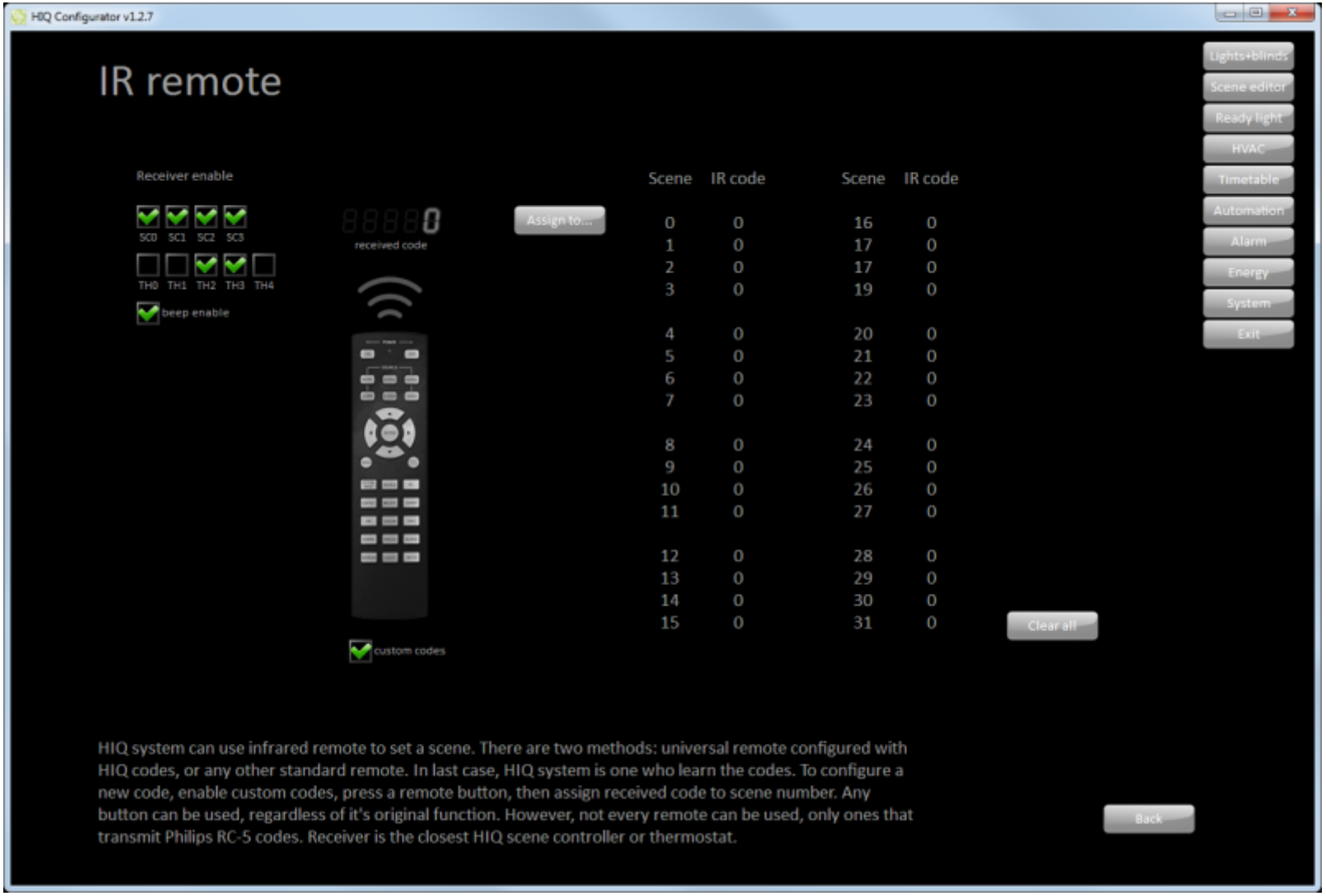
| Settings |
| --- |
| Default is to toggle the corresponding output on and off with each keypress. |
| Timer extend is used to extend the time when output is configured as timer.<br>Typical usage is for a staircase light. |
| Direct mode turns output on when button is pressed, off when released.<br>Typical usage is for a door bell. |
| Scene button enables selected scene. Scene number is altered with a long press on scene number. |
| Timer extend mode extends timer with every press. Typical use is motion (PIR) sensor. |
| Timer extend/night only - the same as above, works only al low light conditions. |
| Motions sensor for ready light. |
| Inverse door (window) sensor – inverse function of “direct” (doorbell) button. |
| Inverse door sensor/night only – the same as above, works only al low light conditions. |
| Door sensor for ready light. |
| Input only – used for custom programming in Home controller. |


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Input setup
LC0
input 0
input 1
input 2
input 3
input 4
input 5
input 6
input 7
input 8
input 9
LC1
LC2
LC3
light button (toggle)
staircase button (timer extend)
doorbell button (direct)
scene button
motion sensor (timer extend)
motion sensor night only
motion sensor for ready light
door sensor (inverse)
door sensor night only
door sensor for ready light
not used (input only)
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Operation mode for light controller inputs. Light button toggle the corresponding output. Staircase button turn the light on, then with each subsequent press extend the time (output configured as timer). Doorbell button directly goes to output (press on, release off). Scene button activate the specified scene. Motion sensor is used for automatic lights, or as ready light sensor. Door sensor is used for direct light control, or as ready light sensor. Spare inputs may be used in custom functions.

## IR remote

HIQ scenes can be set from an IR remote controller. Any Philips (RC5) compatible remote controller can be used. Receiver is any scene controller or thermostat ( SC-4T-IQ, SC-40-IQ, TH-1M-IQ, TH-1T-IQ and TH-3-IQ).

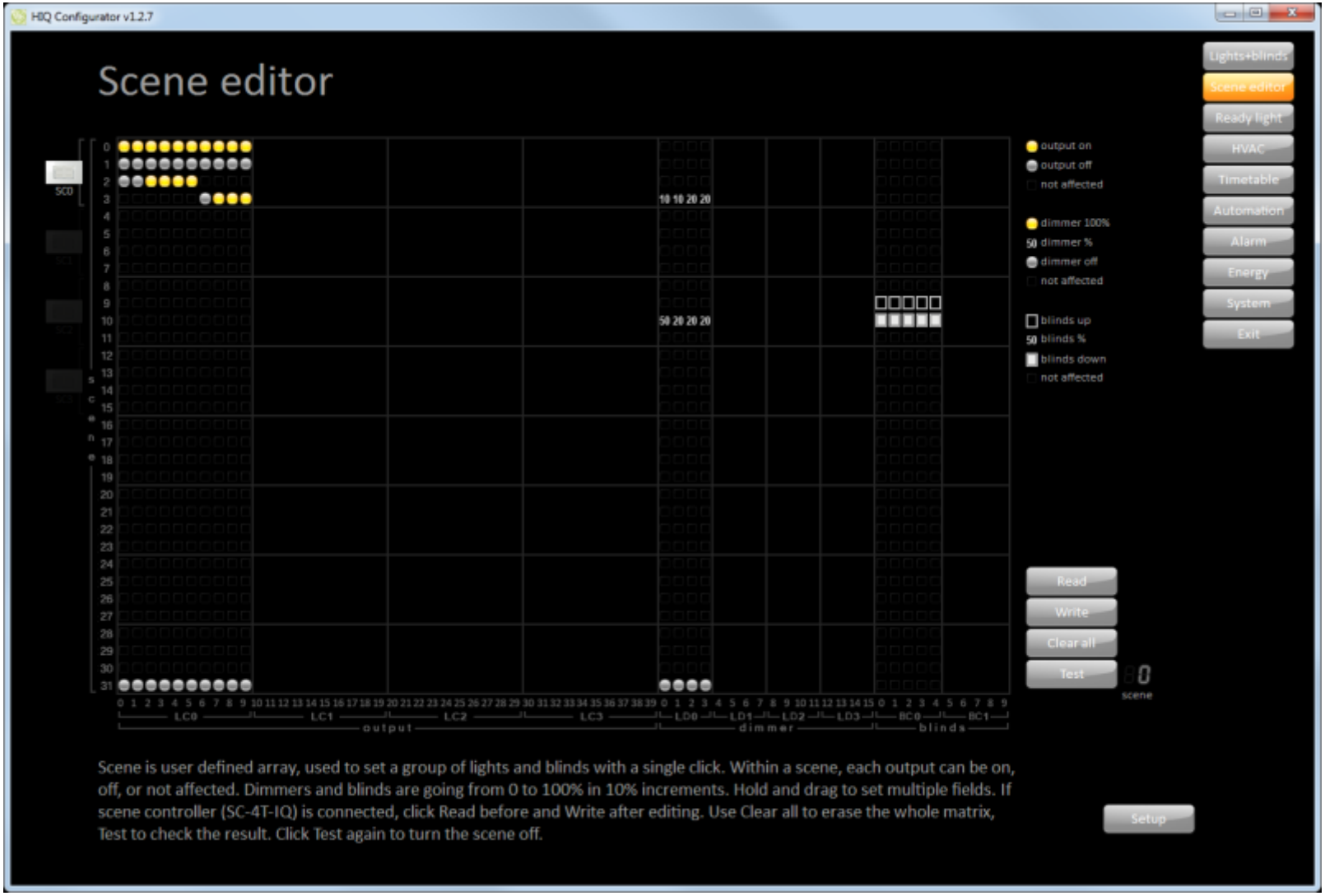
| Settings |
| --- |
| Press remote controller button until the code is recognized, then assign it to a scene. |
| Enable or disable IR receiver in each scene controller and/or thermostat. |
| Enable or disable beep when valid IR code is received. |


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Receiver enable
SC0 SC1 SC2 SC3
TH0 TH1 TH2 TH3 TH4
beep enable
received code
Assign to...
custom codes
Scene IR code Scene IR code
0 0 16 0
1 0 17 0
2 0 17 0
3 0 19 0
4 0 20 0
5 0 21 0
6 0 22 0
7 0 23 0
8 0 24 0
9 0 25 0
10 0 26 0
11 0 27 0
12 0 28 0
13 0 29 0
14 0 30 0
15 0 31 0
Clear all
HIQ system can use infrared remote to set a scene. There are two methods: universal remote configured with HIQ codes, or any other standard remote. In last case, HIQ system is one who learn the codes. To configure a new code, enable custom codes, press a remote button, then assign received code to scene number. Any button can be used, regardless of it's original function. However, not every remote can be used, only ones that transmit Philips RC-5 codes. Receiver is the closest HIQ scene controller or thermostat.
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# Scene editor

A Scene is a user defined array, used to set a group of lights and blinds to a predefined state. Within a scene, each output can be on, off, or not affected. Dimmer and blinds can be set from 0 to 100% in 10% increments.

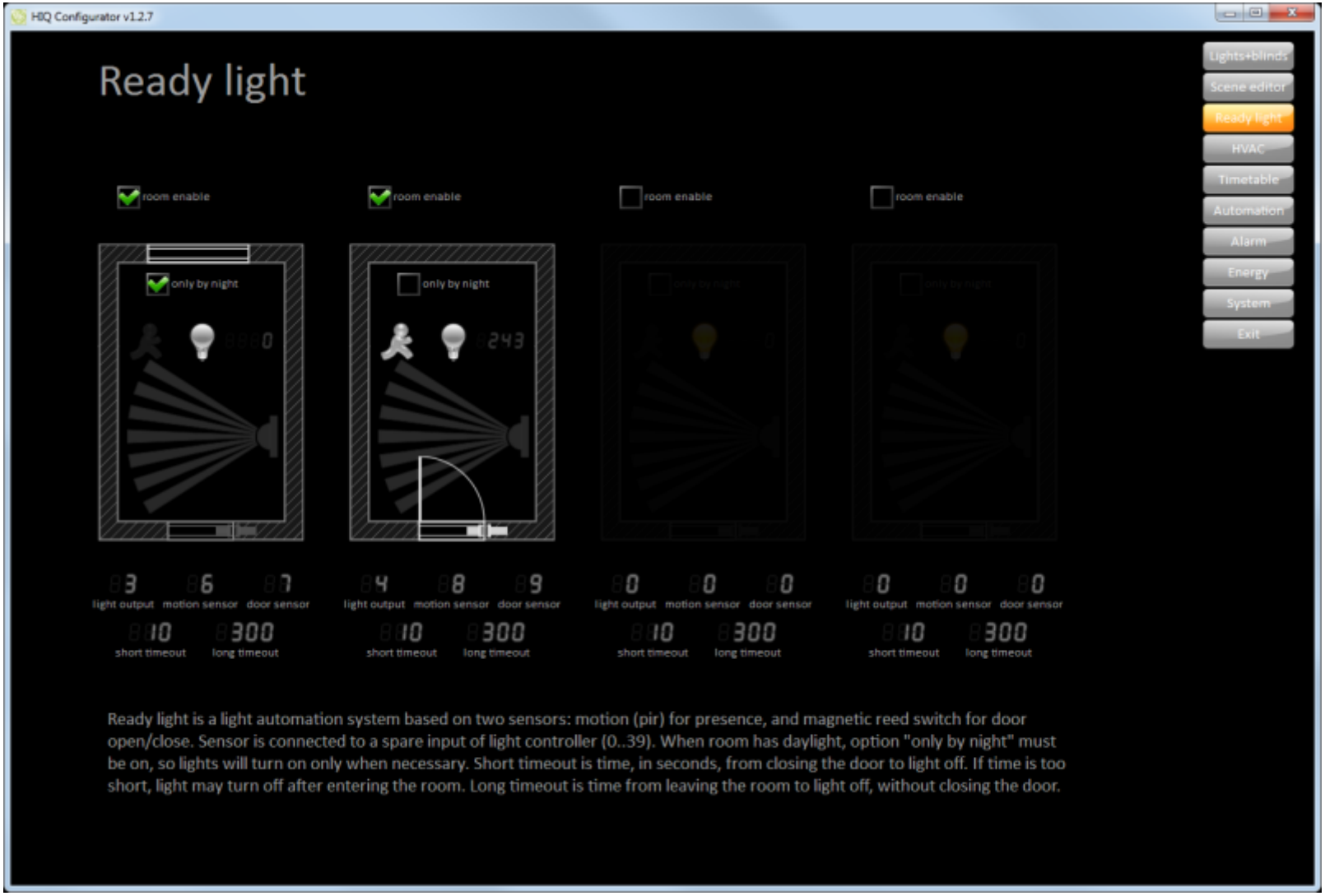
| Settings |
| --- |
| Click on matrix to toggle between allowed options. Hold and drag to set multiple fields. |
| If scene controller (SC-4x-IQ) is connected, click Read before and Write after editing. |
| Use Clear all to erase the whole matrix. |


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Exit
output on
output off
not affected
dimmer 100%
50 dimmer %
dimmer off
not affected
blinds up
50 blinds %
blinds down
not affected
Read
Write
Clear all
Test
0
scene
Setup
Scene is user defined array, used to set a group of lights and blinds with a single click. Within a scene, each output can be on, off, or not affected. Dimmers and blinds are going from 0 to 100% in 10% increments. Hold and drag to set multiple fields. If scene controller (SC-4T-IQ) is connected, click Read before and Write after editing. Use Clear all to erase the whole matrix, Test to check the result. Click Test again to turn the scene off.

# Ready light

Ready Light is a light automation system. Unlike common presence detectors, its design ensures almost perfect operation. The system is based on two sensors, passive infrared (PIR) for presence, and magnetic reed switch for door open/close. System can be used with a single sensor (PIR or reed), but is also limited to common functionality.

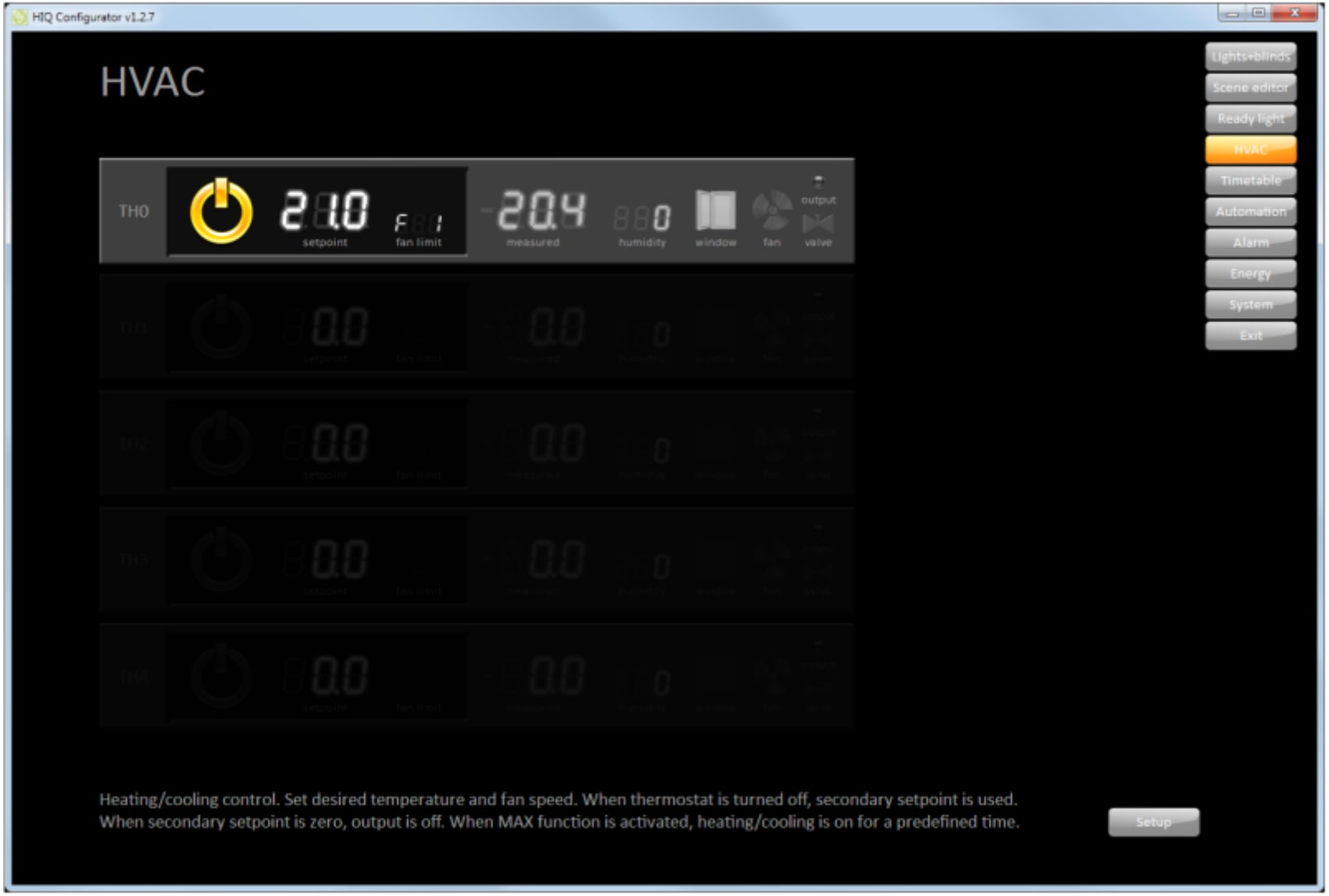
| **Settings** | |
|---|---|
| **room enable** | Enables Ready Light functionality. |
| **only by night ** \| Enables operation at low light conditions only. \| \| **light output** | Set which light will be effected. |
| **motion sensor** | Set motion sensor (PIR) input. |
| **door sensor** | Set magnetic (reed) door sensor input. |
| **short timeout** | Set time from closing the door to the moment when lights will turn off. |
| **long timeout** | Set time from leaving the room to light off, without closing the door. |


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room enable
room enable
room enable
room enable
only by night
only by night
light output
motion sensor
door sensor
short timeout
long timeout
Ready light is a light automation system based on two sensors: motion (pir) for presence, and magnetic reed switch for door open/close. Sensor is connected to a spare input of light controller (0..39). When room has daylight, option "only by night" must be on, so lights will turn on only when necessary. Short timeout is time, in seconds, from closing the door to light off. If time is too short, light may turn off after entering the room. Long timeout is time from leaving the room to light off, without closing the door.

# HVAC

Heating/cooling control.

| Settings | |
|---|---|
| **on/off** | Toggle on/off mode. When OFF, secondary setpoint is used. When secondary setpoint is set to 0, output is off. |
| **setpoint** | Setpoint for ON mode. |
| **fan limit** | Toggle between preset fan modes. |

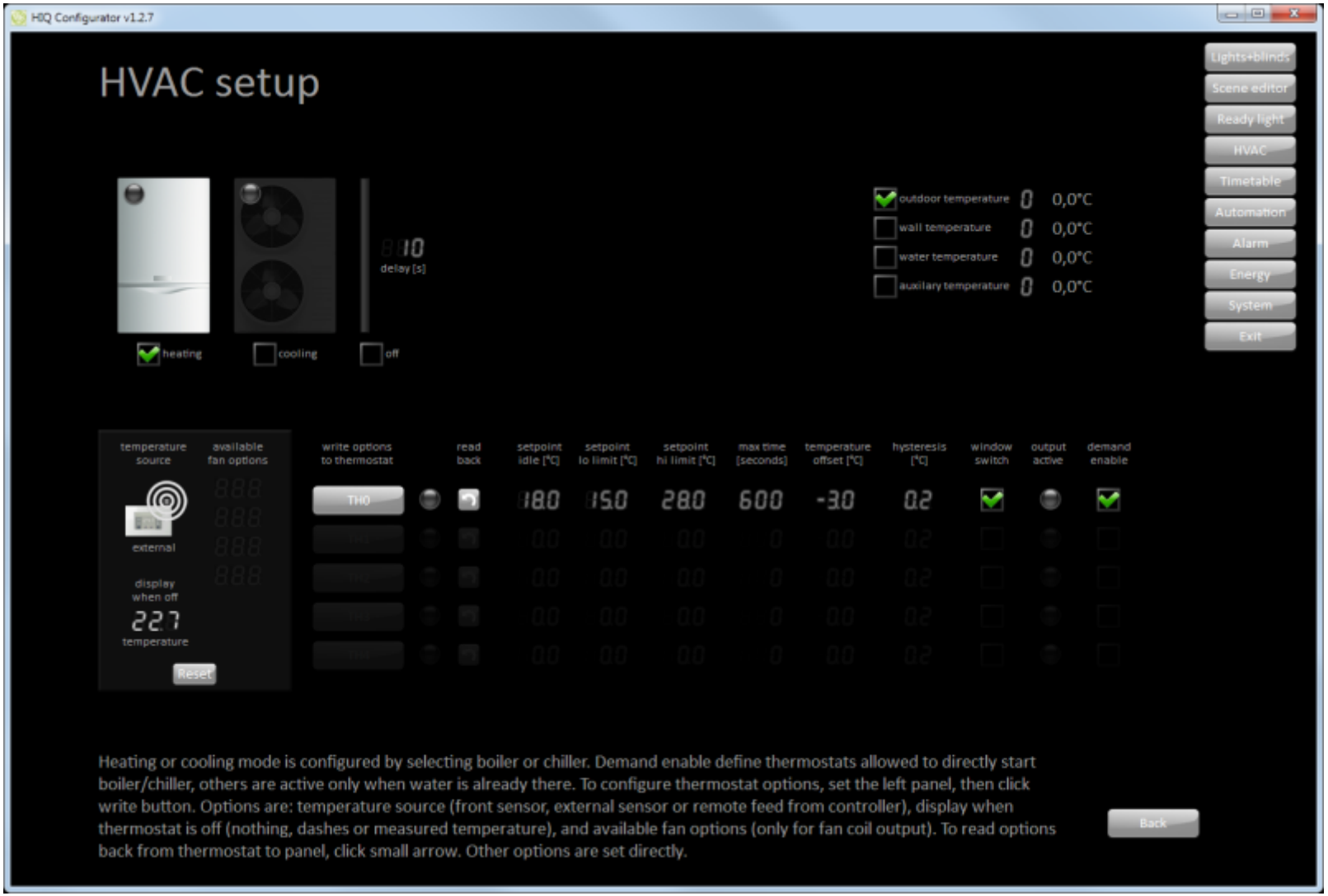

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TH0
21.0
setpoint
fan limit
20.4
measured
humidity
window
fan
output
valve
Heating/cooling control. Set desired temperature and fan speed. When thermostat is turned off, secondary setpoint is used.
When secondary setpoint is zero, output is off. When MAX function is activated, heating/cooling is on for a predefined time.
Setup

## HVAC setup

Heating/cooling setup.

| Settings | |
|---|---|
| **heating/cooling/off** | Operation mode and energy source selection. |
| **delay** | Actuator delay time in seconds. |
| outdoor temperature<br>wall temperature<br>water temperature<br>auxiliary temperature | If installed enable and select which thermostats external temperature sensor is measuring selected temperature. |
| **temperature source** | Select thermostat regulation temperature source: internal, external (connected to thermostat) or remote (connected to fan-coil controller). |
| **display when off** | Select what to display when thermostat is off. Available options are nothing, dashes or measured temperature. |
| **available fan options** | Select available fan options: F1 (low speed), F2 (medium speed), F3 (high speed) and MAX (max fan speed for predefined time). |
| **write options to thermostat** | Write thermostat options to device. |
| **read back** | Read thermostat options from device. |
| **setpoint idle** | Idle setpoint, used when thermostat is off. Set to 0 for disabling heating/cooling when thermostat is off. |
| **setpoint lo limit** | Lower limit for user setpoint setting. |
| **setpoint hi limit** | Higher limit for user setpoint setting. |
| **max time** | Timeout for fan max functionality. |

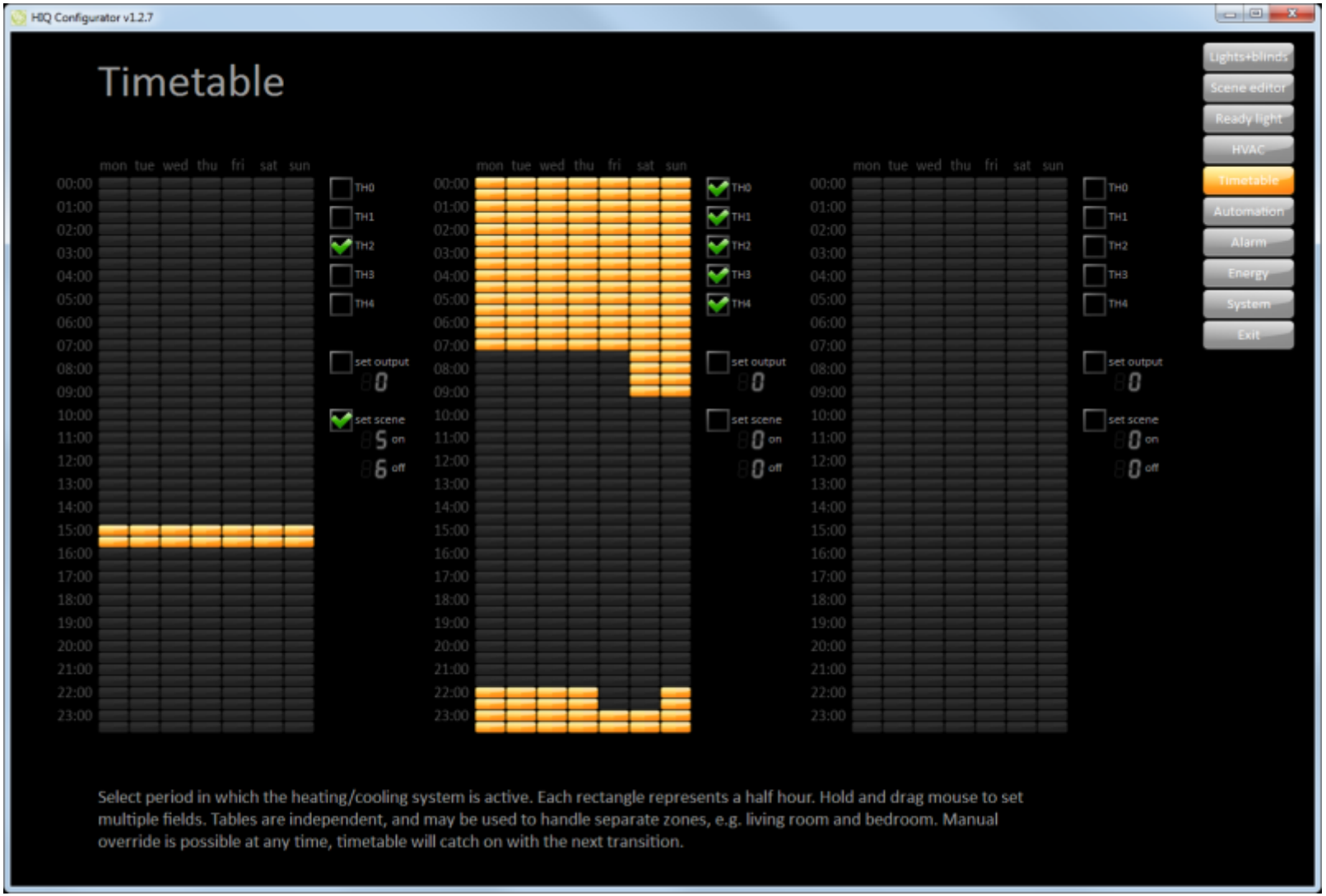
| | |
|---|---|
| **temperature offset** | Offset for temperature measurements. |
| **hysteresis** | Hysteresis for thermostat temperature regulation. |
| **window switch** | Enable window switch. When enabled opened window will turn heating/cooling off. |
| **window switch** | Enable window switch. When enabled opened window will turn heating/cooling off. |
| **output active** | Indicates if the output is currently active |
| **demand enable** | Enable heating/cooling demand. When enabled, output on Home controller will be switched on (QX6 for heating and QX5 for cooling. |


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delay [s]
heating
cooling
off
outdoor temperature
wall temperature
water temperature
auxiliary temperature
0,0°C
temperature source
available fan options
external
display when off
temperature
Reset
write options to thermostat
read back
setpoint idle [°C]
setpoint lo limit [°C]
setpoint hi limit [°C]
max time (seconds)
temperature offset [°C]
hysteresis [°C]
window switch
output active
demand enable
TH0
Heating or cooling mode is configured by selecting boiler or chiller. Demand enable define thermostats allowed to directly start boiler/chiller, others are active only when water is already there. To configure thermostat options, set the left panel, then click write button. Options are: temperature source (front sensor, external sensor or remote feed from controller), display when thermostat is off (nothing, dashes or measured temperature), and available fan options (only for fan coil output). To read options back from thermostat to panel, click small arrow. Other options are set directly.
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# Timetable

Timetable defines periods in which the heating/cooling system is active, when output (0-55) and/or scene is active. Tables are independent, and may be used to handle separate zones, e.g. living area or sleeping area. Manual override is possible at any time, timetable will catch on with the next transition.

| Settings | |
|---|---|
| **matrix** | Click to toggle active/idle state. Hold and drag mouse to set multiple fields. Each rectangle represents a half hour. |
| **TH0 .. TH4** | Select which thermostat is affected. |
| **set output** | Select and specify which output is activated on idle to active transition and deactivated at active to idle transition. |
| **set scene** | Select and specify which scene is activated on idle to active transition (on) and at active to idle transition. (off) |


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mon tue wed thu fri sat sun
TH0
TH1
TH2
TH3
TH4
set output
set scene
on
off
Select period in which the heating/cooling system is active. Each rectangle represents a half hour. Hold and drag mouse to set multiple fields. Tables are independent, and may be used to handle separate zones, e.g. living room and bedroom. Manual override is possible at any time, timetable will catch on with the next transition.

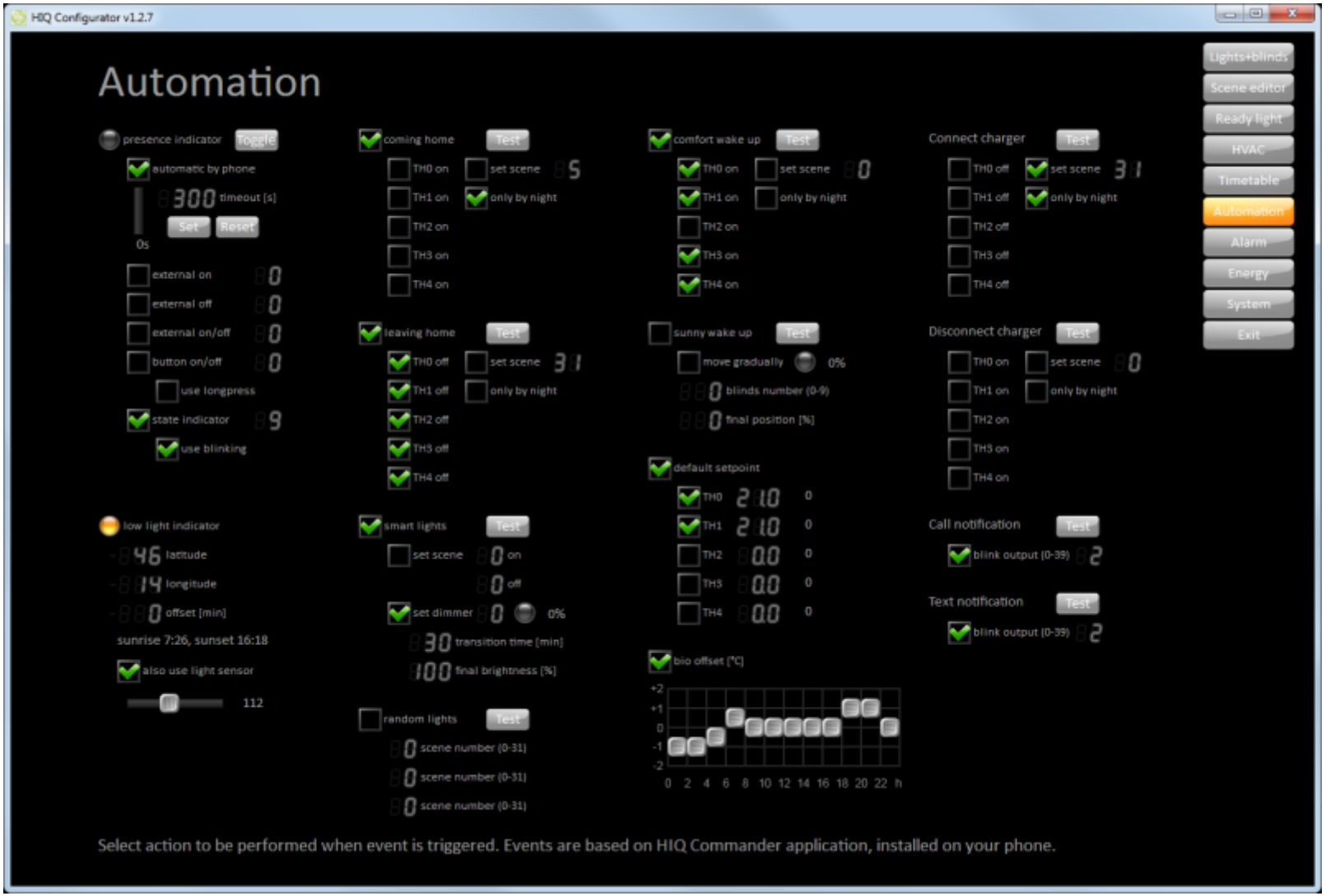
# Automation

Events are based on the HIQ Commander application, which must be installed on your phone. Some phones may not support all events.

| Settings | |
|---|---|
| Select tasks and actions to be performed automatically and/or when the event occurs. | |
| **presence indicator** | Used for alarm arming and automations. |
| **low light indicator** | Indication; Used for various automations. |
| latitude / longitude | Set geographic location for sunrise / sunset calculation. Can be set automatically from smartphone (if enabled). Also correct time zone must be set in “system → setup → time zone”. |
| offset | Sunrise/sunset correction given in minutes, positive value moves sunrise later and sunset earlier. |
| also use light sensor | Use lightness sensor for low light calculation. |
| threshold | Lightness sensor threshold for day/night calculation. |
| **coming home** | Task is triggered when we came home – in connection with presence indicator. |
| TH0 on .. TH4 on | Select which thermostat is toggled to ON state. |
| set scene | Set scene to be activated at coming home task. |
| only by night | If enabled, scene will be triggered at low light. |
| **leaving home** | Task is triggered when we leave – in connection with presence indicator. |
| TH0 off .. TH4 off | Select which thermostat is toggled to ON state. |
| set scene | Set scene to be activated at leaving home task. |
| only by night | If enabled, scene will be triggered at low light. |

| | |
|---|---|
| **smart lights** | |
| set scene (on) | Set scene that will be activated at transition from day to night. |
| set scene (of) | Set scene that will be activated at transition from night to day. |
| set dimmer | Dimmed light that will activated at night |
| transition time | Transition time of selected dimmer light. |
| final brightness | Final brightness of selected dimmer light |
| **random lights** | When nobody is at home set random scenes to discourage snooping. |
| scene number | Set which scenes will be randomly triggered. |
| **comfort wake up** | Task is triggered at a predefined time before smartphone alarm time (time is set on the smartphone). |
| TH0 on .. TH4 on | Select affected thermostats. |
| set scene | Set scene to be activated at comfort wake up task. |
| only by night | If enabled, scene will be triggered only at low light. |
| **sunny wake up** | HIQ lifts blind in your bedroom. Task is triggered at a predefined time before smartphone alarm time (time is set on the smartphone). |
| move gradually | Selected blind will move gradually. |
| blinds number | Set affected blind. |
| final position | Final blind position. |
| **default setpoint** | When active, temperature setpoint adjustment is valid for about an hour, then it returns to the predefined, optimal temperature. |
| TH0 .. TH4 | Select affected thermostat and set optimal temperature. The remaing time is shown in minutes. |
| **bio offset** | Temperature will follow your natural biological rhythm (chronotype). |

| | |
|---|---|
| *time-plot* | Set morning, evening or both temperatures to increase/decrease. |
| *slider* | Set temperature increase/decrease. |
| **connect charger** | Actions will be triggered when smartphone is connected to a charger. |
| TH0 off .. TH4 off | Select which thermostat is affected. |
| set scene | Set scene to be activated at connecting charger. |
| only by night | If enabled, scene will be triggered only at low light. |
| **disconnect charger** | Actions will be triggered when smartphone is disconnected from a charger. |
| TH0 on .. TH4 on | Select which thermostat is affected. |
| set scene | Set scene to be activated at disconnecting charger. |
| only by night | If enabled, scene will be triggered only at low light. |
| **call notification** | When you receive a call, selected light will turn on and off a couple of times, to get your attention when phone is away or silenced. |
| Output number | Set affected light output (0-55). |
| **text notification** | When you receive a text message, selected light will turn on and off a couple of times, to get your attention when phone is away or silenced. |
| Output number | Set affected light (0-55). |


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presence indicator
Toggle
automatic by phone
300 timeout [s]
Set
Reset
0s
external on
external off
external on/off
button on/off
use longpress
state indicator
use blinking
low light indicator
46 latitude
14 longitude
0 offset [min]
sunrise 7:26, sunset 16:18
also use light sensor
112
coming home
Test
TH0 on
TH1 on
TH2 on
TH3 on
TH4 on
set scene
only by night
leaving home
TH0 off
TH1 off
TH2 off
TH3 off
TH4 off
smart lights
set scene
on
off
set dimmer
0%
30 transition time [min]
100 final brightness [%]
random lights
scene number (0-31)
comfort wake up
sunny wake up
move gradually
blinds number (0-9)
final position [%]
default setpoint
TH0
TH1
TH2
TH3
TH4
bio offset [°C]
+2
+1
0
-1
-2
0 2 4 6 8 10 12 14 16 18 20 22 h
Connect charger
Disconnect charger
Call notification
blink output (0-39)
Text notification
Select action to be performed when event is triggered. Events are based on HIQ Commander application, installed on your phone.

# Alarm

Alarm is based on 4 zones, each with up to 3 sensors. Alarm states are:

- **OFF**: protection is off.
- **Arming**: protection is switching on, active timeout for leaving protected area.
- **Armed**: protection enabled.
- **Activating**: protection is on and movement detected - timeout allows to disengage alarm.
- **Alarm active**: intrusion detected, siren output active.
- **Expired**: delay time expired, siren is turned off (default 120s).

| **Control** | |
|---|---|
| **zone0 .. zone3** | Select affected zone. |
| **alarm on/off** | Toggle alarm for selected zones. If “require 4-digit code” is enabled we have to enter the code first. |
| **Settings** | |
| **enable** | Enable or disable sensor on selected input. |
| **instant** | If enabled, alarm will be activated instantly, without “Activating” time. Use in places without presence. |
| **input** | Input which triggers the alarm. Motion (PIR) sensors are recommended but any input can be used. |
| **arming time** | Time from activating alarm to “Armed” state. |
| **delay time** | Time from intrusion detected to “alarm active” state. |
| **active time** | ”Alarm active” time. When expired the siren will be switched off. |
| **alarm output** | Output for siren or other indicator. |
| **alarm scene** | ”Alarm active” scene. |
| **auto arming by presence signal** | Automatic arming by presence signal. |

| | |
|---|---|
| **require 4-digit code** | Change 4-digit arming/disarming code. Valid only in HIQ configurator. |
| **state indicator** | Alarm state indicator. Blinks when arming, ON when armed. Outputs 0-39 can be used. |
| **use blinking** | Alarm state indicator blinks when “Arming” is activated and when alarm is deactivated. |


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enable instant input
zone 0
7
8
0
zone 1
0
0
0
zone 2
9
3
2
zone 3
0
0
0
alarm state
zone 0 zone 1 zone 2 zone 3
Alarm on/off
30 arming time [s]
30 delay time [s]
120 active time [s]
0 alarm output
alarm scene 18
auto arming by presence signal
require 4-digit code
Code
state indicator 0
use blinking
Alarm is based on 4 zones, each with up to 3 sensors. Sensor is configured as number of input where the sensor is connected (0..39). If instant is enabled, alarm is invoked immediately, skipping delay. Arming time is period from turning alarm on to the operative state. Delay time is period from sensor activation to alarm. Active time defines how long alarm output will be active.
Auto arming/disarming is based on HIQ Commander app. When phone connects to home wi-fi, alarm is disabled. If configurator is easily accessable, use 4-digit code to increase security. If code is lost, press and hold on/off button for about a minute. Alarm can also be operated with a long press (cca. 2s) of a button. Turn on/off may be indicated by flashing a light, or dedicated indicator.

# Energy

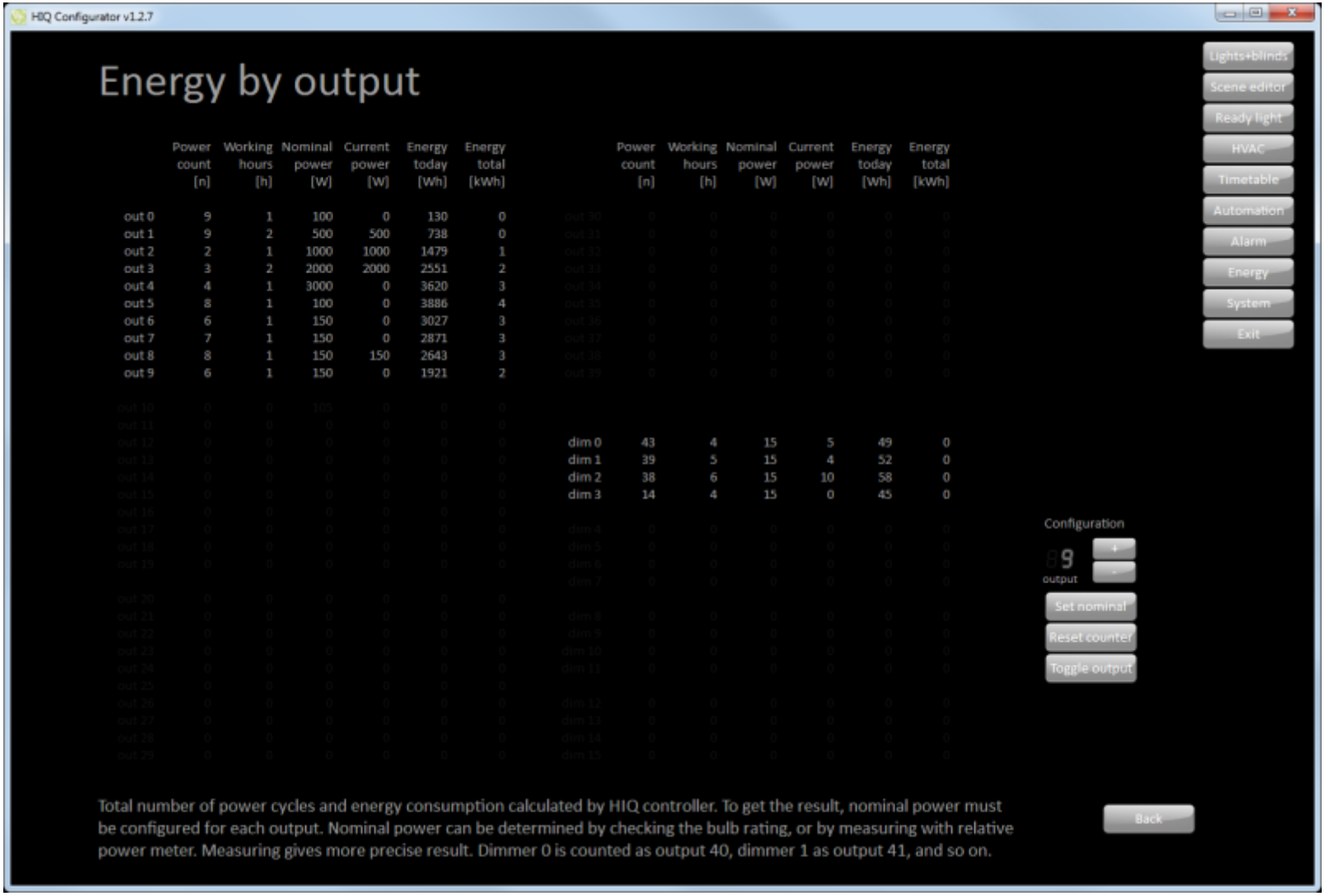
Energy monitoring is the first step to efficient energy usage. Once knowing how much energy something is using, one can make a rational strategy for saving.

| **Overview** | |
|---|---|
| **total power** | Current power. |
| **energy total** | Used energy since energy counter installation (or reset). |
| **relative power** | Toggle between preset fan modes. |
| **voltage** | Current system voltage. |
| **energy in last 24 hours** | Graph of used energy in last 24 hours. |
| ** energy in last 30 days ** | Graph of used energy in last 30 days. |
| ** Power consumption ** | Power consumption in last hour. (HIQ Configurator must run.) |
| **Settings** | |
| **Reset** | Reset energy consumption, to measure the amount of electricity something is using:<br>1. Turn the output off.<br>2. Reset relative power.<br>3. Turn the output on.<br>A few seconds later, measured relative power is displayed. If the reading is not stable, temporary turn off any load which may consume variable amount of power.<br>Measured rating may be used to set the nominal power on ‘Energy by output’ page. |


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energy total [kWh]
relative power [W]
Reset
232
voltage [V]
Energy in last 24 hours [kWh]
Energy in last 30 days [kWh]
Power consumption [W]
power
relative
Total power consumption, measured by power meter. Resettable power is used to measure consumption of a device. Reset readout, turn the appliance on, then read the actual power. History graph shows consumption for last 60 minutes, 24 hours and 30 days.
By output

## Energy by output

| Overview | |
|---|---|
| **Power count** | How many times the output is turned on. |
| **Working hours** | Total number of hours the output spent in on state |
| **Nominal power** | Nominal power configured by user. |
| **Current power** | Output power at the current moment. |
| **Energy today** | Total energy used from last midnight. |
| **Energy total** | Total energy consumed by the specific output. |
| **Configuration** | |
| ** output** | Select the target output with +/- button. |
| **Set nominal** | Set nominal power. It can be measured by resettable power meter or read from the label. |
| **Reset counter** | Power count, working hours and energy total can be reset. |
| **Toggle output ** | Toggle selected output. |


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Working hours [h]
Nominal power [W]
Current power [W]
Energy today [Wh]
Energy total [kWh]
out 0 9 1 100 0 130 0
out 1 9 2 500 500 738 0
out 2 2 1 1000 1000 1479 1
out 3 3 2 2000 2000 2551 2
out 4 4 1 3000 0 3620 3
out 5 8 1 100 0 3886 4
out 6 6 1 150 0 3027 3
out 7 7 1 150 0 2871 3
out 8 8 1 150 150 2643 3
out 9 6 1 150 0 1921 2
dim 0 43 4 15 5 49 0
dim 1 39 5 15 4 52 0
dim 2 38 6 15 10 58 0
dim 3 14 4 15 0 45 0
Configuration
9
output
+
-
Set nominal
Reset counter
Toggle output
Total number of power cycles and energy consumption calculated by HIQ controller. To get the result, nominal power must be configured for each output. Nominal power can be determined by checking the bulb rating, or by measuring with relative power meter. Measuring gives more precise result. Dimmer 0 is counted as output 40, dimmer 1 as output 41, and so on.
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# System

System page offers system overview and configuration tools.

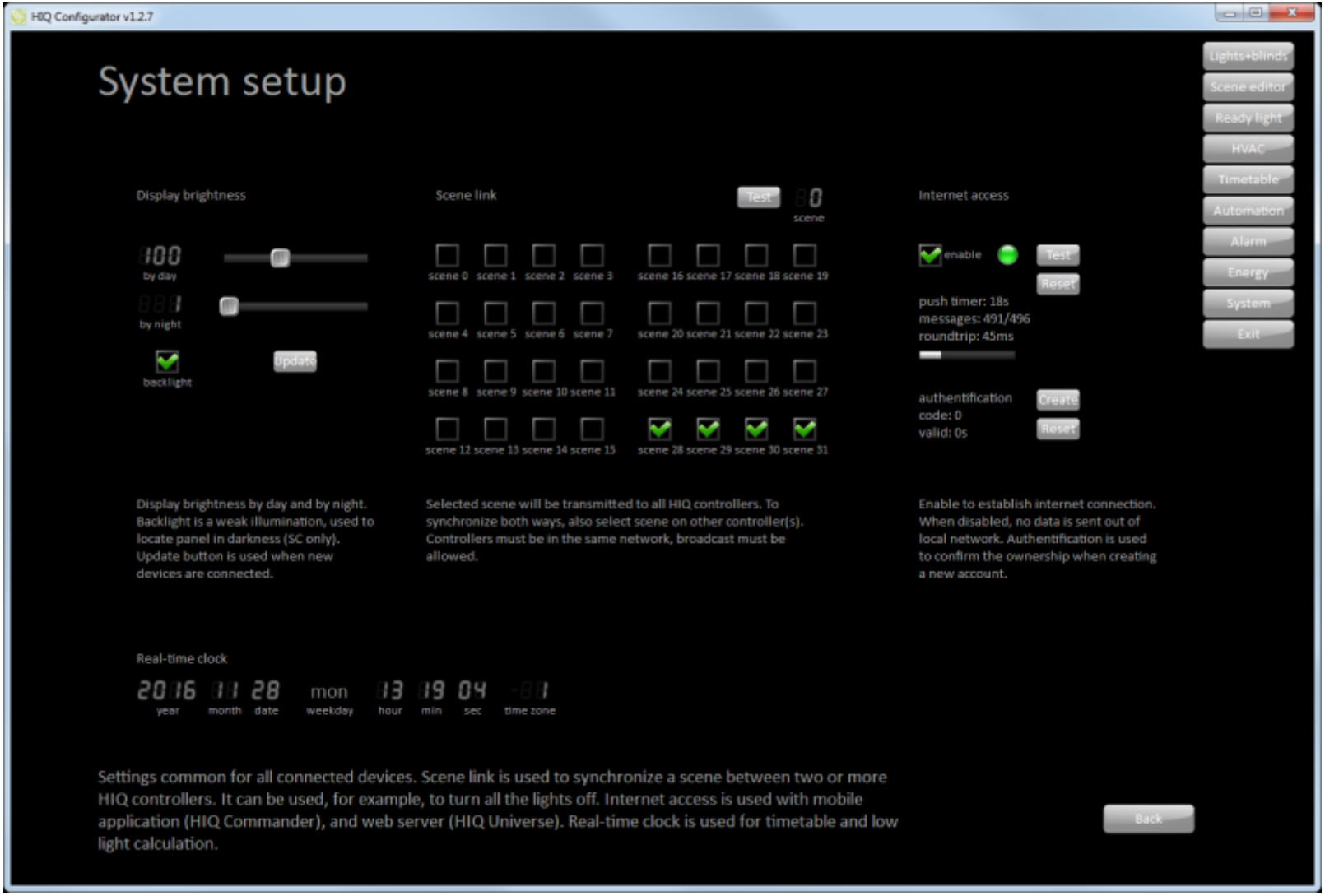
| Overview | |
|---|---|
| **System** | Toggle on/off mode. When OFF, secondary setpoint is used. When secondary setpoint is set to 0, output is off. |
| **CAN traffic monitor** | Setpoint for ON mode. |
| Rx/Tx | CAN receive (Rx) and transmit (Tx) speed. |
| **CAN error counters** | Setpoint for ON mode. |
| Rx/Tx | Errors on receive (Rx) and transmit (Tx) side. Counter can be reset with “Reset” button. |
| **Power supply** | Monitoring of voltage on HIQ modules. The voltage must be between 18 and 26V. If the voltage is lower check contacts and connections. |
| Reset counter: | Total number of Home controller resets (i.e. power downs). |
| System uptime: | Time from last system reset. |
| Operating hours: | Total operating hours. |
| **Configuration** | |
| **Autodetect** | Press to select your Home controller. If there are many controlles you have to choose appropriate serial number (written on the top of Home controller). manual_detect |
| **Autoaddress** | Used to get all modules in order. Has to be done on system commissioning or on system hardware change. manual_address |

| | |
|---|---|
| **Save config** | System settings are saved in HIQ Configurator installation dir, file “Settings.xml” |
| **Restore config** | Uploads setting from “Settings.xml” file in HIQ Configurator installation dir. |



## System setup

| Settings | |
|---|---|
| **Display brightness** | Day/night Brightness of scene controllers and thermostats. |
| backlight | Illumination on scene controllers. |
| **Scene link** | Selected scene will be transmitted to all Home controllers connected in the same local network. |
| **Internet access** | Enable /disable internet connection. |
| authentification | Randomly created code used for registration of Home controller on HIQ Universe. |
| **Real-time clock** | Clock is automatically synchronised with your smartphone.<br>Time zone is set in this menu or retrieved from “location information” from your smartphone. |


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Update
Scene link
Test
0
scene
scene 0 scene 1 scene 2 scene 3
scene 16 scene 17 scene 18 scene 19
scene 4 scene 5 scene 6 scene 7
scene 20 scene 21 scene 22 scene 23
scene 8 scene 9 scene 10 scene 11
scene 24 scene 25 scene 26 scene 27
scene 12 scene 13 scene 14 scene 15
scene 28 scene 29 scene 30 scene 31
Internet access
enable
Test
Reset
push timer: 18s
messages: 491/496
roundtrip: 45ms
authentification
code: 0
valid: 0s
Create
Reset
Display brightness by day and by night. Backlight is a weak illumination, used to locate panel in darkness (SC only). Update button is used when new devices are connected.
Selected scene will be transmitted to all HIQ controllers. To synchronize both ways, also select scene on other controller(s). Controllers must be in the same network, broadcast must be allowed.
Enable to establish internet connection. When disabled, no data is sent out of local network. Authentification is used to confirm the ownership when creating a new account.
Real-time clock
2016 11 28 mon 13 19 04 -8 1
year month date weekday hour min sec time zone
Settings common for all connected devices. Scene link is used to synchronize a scene between two or more HIQ controllers. It can be used, for example, to turn all the lights off. Internet access is used with mobile application (HIQ Commander), and web server (HIQ Universe). Real-time clock is used for timetable and low light calculation.
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