

Manual

Introduction, operation and settings



digitalSTROM Manual, Introduction, Operation and Settings

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1 Introduction

1.1 The new power can do more: Welcome to the future

Congratulations:

You have decided to use digitalSTROM in your home. Now you can begin to take advantage of existing and future possibilities. digitalSTROM partners are constantly developing new applications for your needs. At the same time, the number of digitalSTROM-ready devices on the market is increasing. These devices are designed to be plugged in at home for immediate use.

The installation based on the digitalSTROM standard uses standard electrical power lines as a channel of communication for all devices fitted with a digitalSTROM chip. This allows for new, creative design solutions for your home, including energy management, lighting presets, security and much more. Discover how you can have everything at a glance and under control, even when you're on the road. This manual contains all the important information. If you have any questions, please contact your specialist or digitalstrom.com/support.

Welcome to the growing digitalSTROM community.



1.2 digitalSTROM is becoming even more fun











1.3 This is how the future looks with digitalSTROM: Neat, colourful and always something new

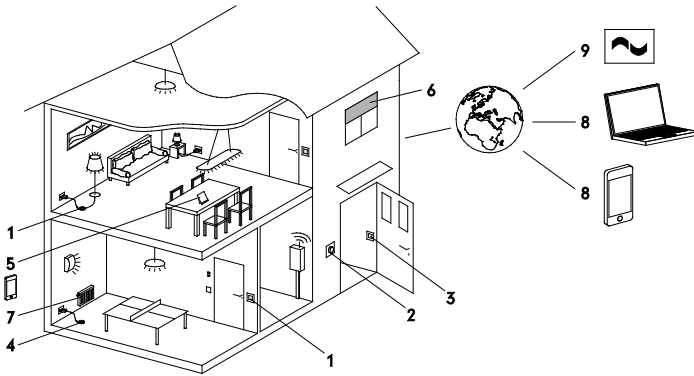
The possibilities of digitalSTROM are constantly expanding. Its versatile concept provides constant inspiration for additional applications. The clear colours create order, make orientation easier and make the work of specialists uncomplicated and efficient. Each colour group stands for an expandable area of application.

This colour classification is reflected in the casing colours of the digitalSTROM components. Follow this colour scheme to help you quickly find what interests you.

The digitalSTROM colour scheme

Colour		Group	Examples
Yellow		Light	Ceiling, wall and floor standing lamps
Grey		Shade	Blinds, shutters, privacy protection
Blue		Air Condition	Heating, ventilation, air conditioning
Cyan		Audio	Radio, CD player
Magenta		Video	TV, projector, DVD player
Red		Security	Protection functions, fire and burglar alarms
Green		Access	Doorbell, door opener
Black		Joker	Can be used at will

1.4 Examples that speak for themselves



1 Light

Whenever you want, you can set individual lighting presets and activate them from normal light switches or from your smartphone.

2 Doorbell

To make sure you don't miss any visitors, you can have a light flash when the doorbell rings.

3 Leaving home

When you leave the house, one single push-button can automatically switch everything off that is not necessary.

4 Security

You can press a panic push-button in case of emergency. This switches on all the lights in the house immediately and an email or text message is sent to a defined recipient.

5 Understanding your energy consumption

You can see how much energy is currently being used on a room by room basis via computer or smartphone. That helps you save energy in a practical way.

6 Shutters and blinds

Control all shutters and blinds at the touch of a button. Either simultaneously or individually depending on your needs. Set up various shade presets that you can activate again at any time.

7 Climate

Control the climate via the smartphone in your house and for each room individually.

8 Smartphone, home network and Internet

Access your digitalSTROM system via a secure network or Internet connection. Via computer or smartphone.

9 digitalSTROM server apps

Various apps allow you to program different functions; such as simulating your presence when you are not at home.

10 Integrating third-party systems

Integrate network-compatible devices such as SONOS® speaker systems or HUE® lights

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2 Operation

2.1 Light

2.1.1 Activating a lighting preset

Everything is done in the usual way

Your lights can be operated in the usual way: one short click switches the lights on in a room, another click switches them off again. More information on the following pages.

Lighting presets for specific activities

Various lighting presets can be set up to match different activities such as reading, watching TV, eating, etc. Each light can be individually dimmed, switched on or off.

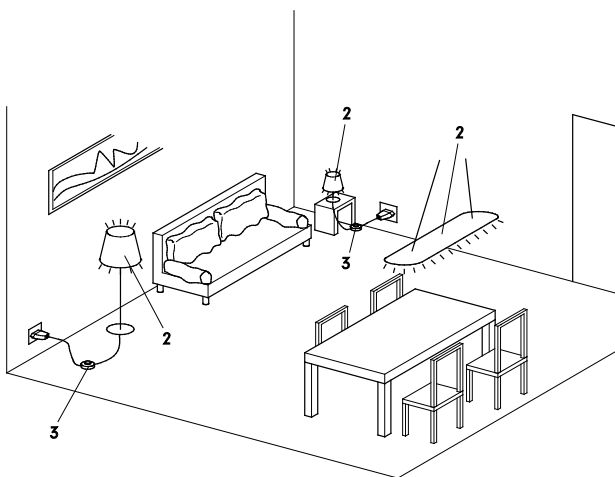
Activating lighting presets

Lighting presets can easily be switched on and off in the usual way using the light switch in the room or the line dimmer on a floor standing lamp. Furthermore, all lights can also be dimmed simultaneously.

The only thing noticeable about digitalSTROM is its comfort. Floor standing lamps, bedside table lamps and reading lights can be fitted with a digitalSTROM line dimmer. Afterwards, they can be operated immediately as a conventional light switch and also offer the full functionality of the light switch in the room.

Adjusting lighting presets

The lighting presets for the different activities can be easily programmed and configured using your smartphone, computer and the room's light switch. For more information, also refer to chapter 3.1.1 „I want to configure a



1. Light switch
2. different lights
3. Line dimmer

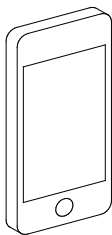
Smartphone

Owners of an iPhone®, iPad® or an iPod® touch, can download the free digitalSTROM iPhone® apps from the app Store®. (**digitalSTROM**, **digitalSTROM Dashboard**).

Android® smartphone owners download the digitalSTROM Android® apps (**dS Dashboard**, **dS Home Control**,) from the Android market®. Lighting presets and user defined actions can be called with both apps. The individual lights can additionally be operated directly with the **dS Home Control**.

If you own a Windows®8 computer or tablet, download the digitalSTROM apps from the Windows App Store (**dS Home Control**).

You can find more information on the functions of the individual digitalSTROM apps in chapter 2.6 „Smartphone apps at a glance“.



Even more possibilities

With the free-of-charge digitalSTROM server apps, additional functions can be stored and used on the system. For example:

- Automatic lighting when away on holiday
- Time switch function for stairwell lighting, Christmas lighting, the aquarium, etc.

Operation via the home network and Internet

Lighting presets and activities can be controlled remotely from anywhere via the home network or even via the Internet safely and without risk. This requires the digitalSTROM system to be connected to the Internet.



Lighting preset = preset

In the world of home automation, lighting presets are also simply referred to as "presets".

2.1.2 Operation with the light switch



Switching the light in the room on and off

Simply click briefly on the light switch as usual to switch on the light, and once again to switch it off.

Dimming the light in the room

First switch the light on and then keep the light switch pressed until the desired level of dimming is obtained. Then let go of the switch. To dim the light up, press and hold the button again. With this procedure, you can dim all the lights in the room at the same time.

Activating a lighting preset

Click the light switch:

- 1x short for lighting preset 1
- 2x short for lighting preset 2
- 3x short for lighting preset 3
- 4x short for lighting preset 4

Also refer to the Quick User Guide

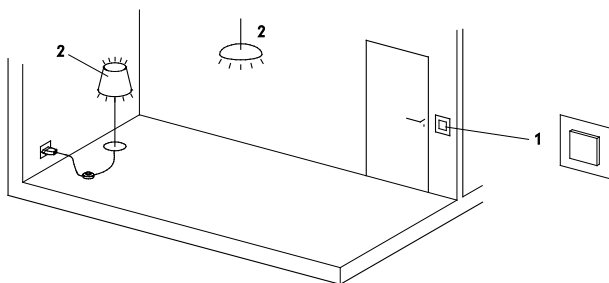
			On	Off
Switching on/off	1x short		1x short	1x short
Result	Lighting preset 1	Only floor standing lamp		
Dim	Keep pressed		Keep pressed	
Lighting preset 2, 3, 4	2, 3 or 4x short		2, 3 or 4x short	-
Switch off all lights	1x short, 1x long again		-	2x short
Result	Floor standing lamps off	Room off	-	Room off
Switching off other devices	1x long (3 sec.)		-	1x long (3 sec.)
Result	Devices in the room off			

Switch off all lights

After you have switched off lights using the light switch, a floor standing lamp, for example, might still be on because it has been switched on with the line dimmer. You can switch this off by pressing the light switch again slightly longer (about 1 second).

If you press and hold the push-button for a longer period (about 3 seconds), this also switches off e.g. a TV connected to a digitalSTROM inline adapter.

If you have any questions, your electrician will help you configure your devices accordingly.



1. Light switch in a room (room push-button)
2. Light in a room

2.1.3 Operation with the 1-way line dimmer



Switching floor standing lamps on and off

Floor standing and table lamps with a digitalSTROM line dimmer function in just the same way as conventional lights.

To switch them on and off, simply click briefly on the push-button of the 1-way line dimmer.

Dimming the floor standing lamp

First switch the floor standing lamp on and then keep the light switch pressed until the desired level of dimming is obtained. If you press and hold the button again, the light will become brighter again.

Activating a lighting preset

Floor standing lamps with a line dimmer can be part of a lighting preset.

Click the switch on the line dimmer:

- 1x short for On/Off, only lights
- 2x short for lighting preset 2
- 3x short for lighting preset 3
- 4x short for lighting preset 4

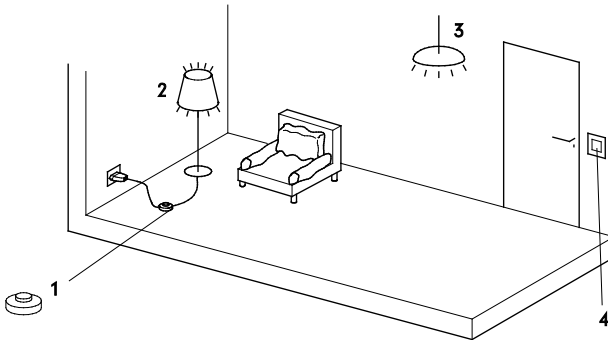
Switching off the light in the entire room

You can switch off all the lights in the room with the line dimmer. To do this, switch the floor standing lamp off and then press and hold the line dimmer button (1 second) until all the lights in the room switch off.

If you press and hold the push-button for a longer period (about 3 seconds), this also switches off e.g. a TV connected to a digitalSTROM inline adapter.

Note the following for line dimmer

Lamps with a line dimmer are "individualists", i.e. when switching it on 1x short, only these lights are operated and no lighting preset in the room.



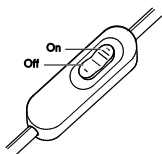
1. Line dimmer on the floor standing lamp
2. Floor standing lamp
3. Other lamps
4. Light switch

2.1.4 Operation with the 2-way line dimmer



Switch light on and off

To switch the light on and off, simply click on the On or Off buttons briefly of the 2-way line dimmer.



Dimming lamp

To dim the light up, press and hold the On button. To dim down the lamp that is already on, press and hold the Off button.

Activating a lighting preset

Lights with a line dimmer can be part of a lighting preset. Click the On button on the line dimmer:

1x short to just switch on the light

2x short for lighting preset 2

3x short for lighting preset 3

4x short for lighting preset 4

Switching off the light in the entire room

You can switch off all the lights in the room with the line dimmer. To do this, click the Off button on the line dimmer 2x short, or press and hold the Off button with the light switched off (about 1 second)

If you press and hold the push-button for a longer period (about 3 seconds), this also switches off e.g. a TV connected to a digitalSTROM inline adapter.

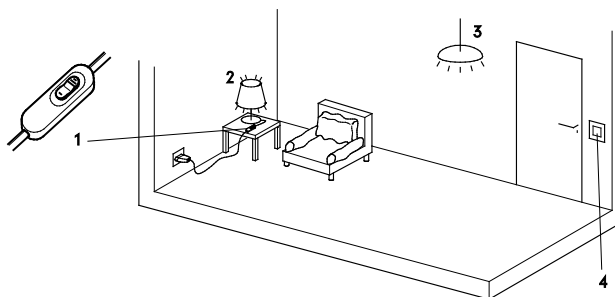
Note the following for line dimmer

Lamps with a line dimmer are "individualists", i.e. when switching it on (1x short), only these lights are operated and not any lighting preset in the room.

Buttons that can be freely assigned

Depending on the configuration of the 2-way line dimmer, the two push-buttons can be operated as described here, or also as independent 1-way push-buttons.

Whilst you can control the light with the On button, you can use the Off button e.g. to operate your shutters.



1. 2-way line dimmer on a table lamp
2. Table lamp
3. Other lamps
4. Light switch

2.1.5 Switch off the other bedside lamp without having to get up



Thanks to digitalSTROM, all lamps are now intelligently connected to each other. This enables you additional functions.

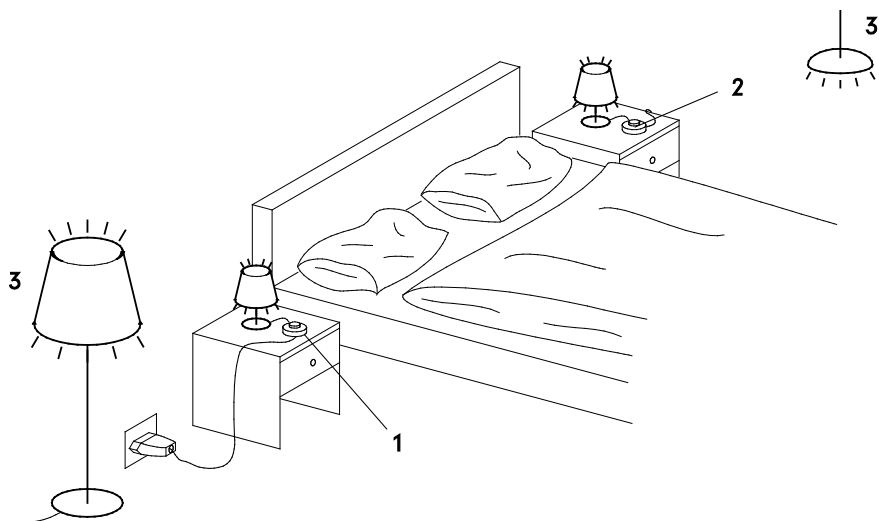
Instead of having to get up again to switch off all lights in the bedroom before going to sleep, you can switch off all lights in the room with a single line dimmer.

To do this, first switch your bedside lamp (1) off:

1x short.

Then press and hold the push-button of the line dimmer until the other bedside lamp (2) is switched off.

If you have any other lights (3) in your bedroom, now these will also be switched off.



1. Line dimmer on your bedside lamp
2. Line dimmer on the second bedside lamp
3. Other lights in the bedroom

2.2 Shade

2.2.1 Operation of shutters/blinds/awnings 2-way push-button



Typical operation with the 2-way push-button

The following example shows how blinds or shutters are typically controlled via individual Up/Down push-buttons. The individual push-buttons can also be used to activate presets for the entire room.

Opening or closing individually

Click once briefly on the corresponding Up push-button to move a single blind or a single shutter up completely.

Click again on the corresponding Up push-button to stop the upward movement. Downward movement works in the same manner with the corresponding Down push-button.

Opening or closing all at the same time.

Click twice briefly on any Up push-button to move up all blinds or shutters in the room, or twice briefly on the Down push-button to move all blinds or shutters down completely at the same time.

Changing the position individually

If you hold a push-button down, the corresponding blind or shutter will continue to move in the desired direction until you release the push-button again.

Activating a shade preset

Click the Up push-button:

1x short for upward movement (individually) ¹⁾

2x short for preset 2 (all)

3x short for preset 3 (all)

4x short for preset 4 (all)

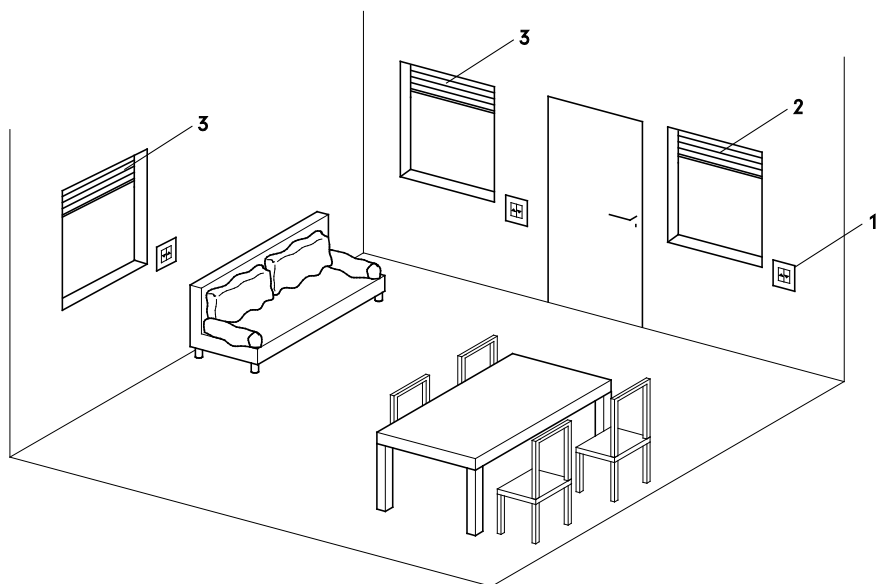
Click the Down push-button:

1x short for individual downward movement

2x short for moving down all in the room

1) As an alternative, the blinds or shutters could be operated via a single room push-button. In this case, the 1x short click would activate preset 1 for the entire room.

For more information, also refer to chapter 3.2.2 "Setting shade presets on the".



1. 2-way push-button (configured as area push-button, controls individual shutters)
2. Individual shutter
3. All other blinds or shutters in the room

2.2.2 Operation of shutters/blinds/awnings with a 1-way push-button



Typical operation with the 1-way push-button

The following example shows how awnings can typically be controlled via a 1-way push-button. The single push-button also allows shade presets to be activated for the entire outdoor area.

Opening or closing individually

Click 1x short on the corresponding push-button to extend or retract a single awning completely.

To stop the movement, click again 1x short on the push-button.

Changing the position individually

Press and hold down a single push-button to change the position of the awning individually. The awning is retracted until you release the push-button.

Each additional click (long) changes the direction of movement. This allows you to move the awning to the desired position.

Retracting all at the same time

To retract all the awnings in the outdoor area at the same time, click 1x short and then long (1 second) on any push-button 1.

Activating a shade preset

Click the push-button:

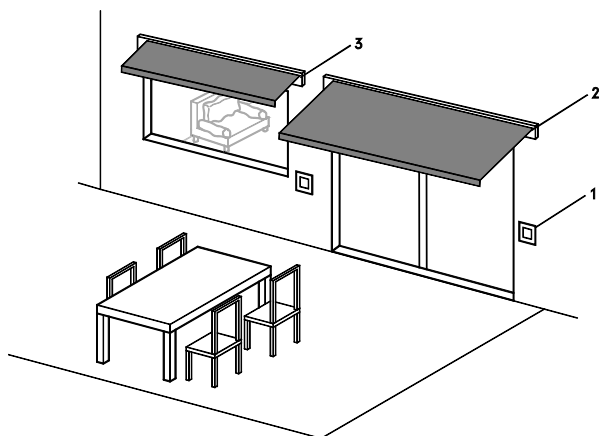
1x short for retracting/extending (individually) ¹⁾

2x short for preset 2 (all)

3x short for preset 3 (all)

4x short for preset 4 (all)

¹⁾ As an alternative, all awnings can also be operated via a single room push-button. If you click the room push-button 1x short, you will call preset 1 for the entire outdoor area.



1. 1-way push-button (configured as area push-button, controls individual awning)
2. Single awning
3. additional awnings in the same outdoor area

2.2.3 Operate all shutters on one floor with one central 2-way push-button



Also centrally operate shutters

The following example shows how all shutters on one floor or in the whole house can typically be operated from a central pushbutton.

Operating sets

All shutters can be conveniently operated from a central pushbutton (e. g. in the hall). The shutters thereby form a set that can be controlled regardless of the room. The shutters can still be operated individually as usual of course or for the particular room.

Configuration/operation on the central pushbutton

The shade preset is configured in the individual rooms as usual.

The operation on the central pushbutton is the same as in the rooms.

For more information on this subject, refer to chapter 2.2.1 "Operation of shutters/blinds/awnings 2-way push-button"

Click, for example, the UP button on the floor on the central push-button:

1x short to open all shutters on the floor fully

2x short for preset 2 (entire floor)

3x short for preset 3 (entire floor)

4x short for preset 4 (entire floor)

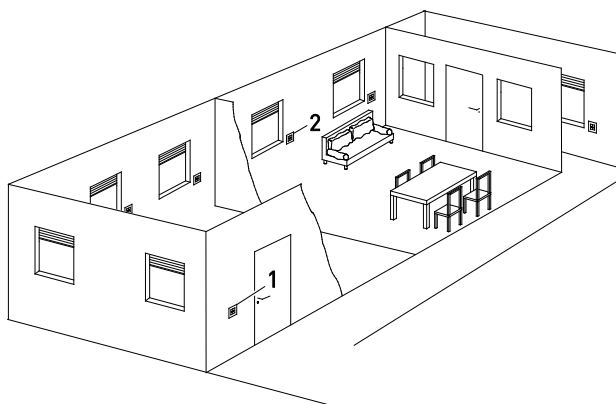
Click the Down push-button on the central push-button

1x short to close all shutters on the floor fully.

Options for operating sets

Using sets, many other operating options can be used.

If you have any questions, your electrician will gladly help you to configure the sets and associated devices accordingly.



1. 2-way push-button (allocated to a set, controls all shutters on the floor)
2. Individual shutters in the room

2.3 Climate

2.3.1 I would like to select the room temperature

The digitalSTROM heating control offers you an infrastructure, which networks the in-built room temperature sensors and heating control valves intelligently and as required.

Here, the sensors are assigned to a room and the corresponding actuator valves are controlled by the individual room control. The temperatures are set for different operating modes as desired and then selected depending on requirements.

In normal mode, conveniently select between the two modes **Comfort** (comfortably warm) and **Eco** (energy-saving mode).

To save more energy you can

- set the entire apartment to **Night** mode using a time switch function
- change the rooms automatically to the **Cool** mode in case of absence
- use the smartphone app to set the heating to normal mode even before your return (**Planning heating start**)
- set unused rooms to the **Cool** mode (with the **Room Setback** function either manually or automatically by means of the time switch function)
- Send your heating system off on holiday. To do this, you can plan your holiday conveniently in the digitalSTROM Configurator in the server app **Presence Simulation**.

You can set the respective temperature you desire for the five operating modes **Comfort**, **Eco**, **Cool**, **Night** and **Holiday** using this **Climate Control** smartphone app.

Note:

To save the maximum amount of energy, the digitalSTROM heating system always selects the mode with the lowest temperature. **Example:** If the room setback (**Cool** mode) is set manually to 19°C for a room, the **Cool** mode will still remain active during the night setback (**Night** mode e.g. 20°C).



Climate Control app

The digitalSTROM **Climate Control** app allows you to conveniently select the temperature for the entire house and for individual rooms on your smartphone. Thus, you have the option to create optimum conditions room for room at any time. Comfortably warm but energy-efficient.

The app provides you with additional information on the current indoor temperatures for each room, outdoor temperature and weather information.

Additionally, you can adjust the room setback of your rooms and schedule the heating start during your absence.



2.3.2 Selecting the room setback time-dependent

Adjust the heating process completely to your needs. Rooms that are rarely used do not have to be fully heated.

The digitalSTROM app **Climate Control** allows you to control the room setback for your rooms. Hence, you determine when the temperature in which room should be reduced and which energy should be saved.

Use one room exclusively at the weekend, for example, then activate the room setback (**Cool** mode) from Monday to Friday for this room.

Note:

If you have also configured a night setback in addition to the room setback for your apartment, then this room will be controlled with the lower temperature during your night periods.

The screenshot shows the 'Room setback' interface of the digitalSTROM app. At the top, the status bar indicates 'No SIM', signal strength, time '18:35', and battery level. The app title 'Room setback' is centered. Below it, there are two input fields for 'Start' and 'End' times, currently set to '00:00' and '23:59'. Below these fields are two buttons: 'Whole day' and 'No room setback'. The main part of the interface is a table with columns for the day of the week, 'START', and 'END' times.

	START	END
MON	00:00	23:59
TUE	00:00	23:59
WED	00:00	23:59
THU	00:00	23:59
FRI	00:00	23:59
SAT	--:--	--:--
SUN	--:--	--:--

2.4 Security

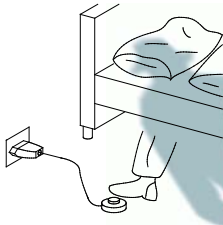
2.4.1 Seeing what's going on if I hear a suspicious noise at night

Switching on all lights with the panic push-button

With the Panic button, you have the possibility of triggering a light alarm if you are surprised at night, for example by a noise, and feel insecure.

When you press the Panic button, all the lights in the house are switched on and the shutters are opened.

The idea is that, on the one hand, bright rooms convey a sense of security and, on the other, lights suddenly going on can discourage intruders.



Operating the light alarm

Press and hold for 3 seconds. The light alarm can also be triggered with the digitalSTROM app on your smartphone.

3 sec.

The Panic button only reacts after three seconds to avoid unintentional incorrect use.

Deactivating the light alarm

Click 1x short

This restores the previous state.



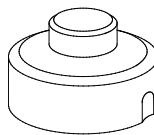
I don't want a light alarm in my children's room

You also have the option to adjust the light alarm function.

If, for example, you do not want lights to be switched on in your children's room when you press the Panic button, you can configure this accordingly in the digitalSTROM Configurator. For more information, also refer to "3.4.1 "Setting the "Panic" activity".

Location of the panic button

A Panic button can either be built into a wall or inserted as a cable push-button into any socket outlet to ensure it is available wherever and whenever you need it.



2.5 Access

2.5.1 I don't want to miss hearing the doorbell



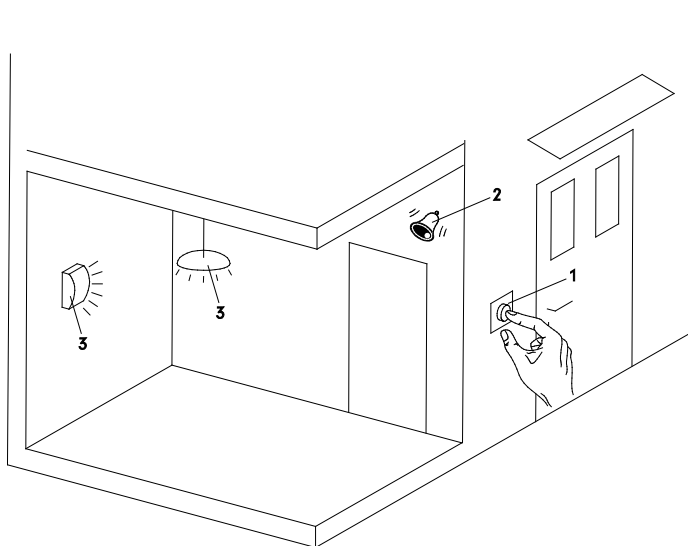
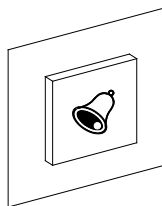
Making the doorbell visible

If the doorbell is integrated into the digitalSTROM system, lights can also be controlled at the same time when the doorbell rings. In this case, several lights flash twice, for example, when the doorbell is ringing to make the ringing of the doorbell visible.

This is not only useful for those who are deaf or hard of hearing, but also for anyone who wants to make sure they don't miss any visitors when hoovering, blow-drying their hair or listening to music.

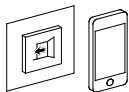
Adjusting the desired lights.

The lights which should flash can be set via the digitalSTROM Configurator. For more information, also refer to chapter 3.5.1 "Setting the activity "Doorbell" ".



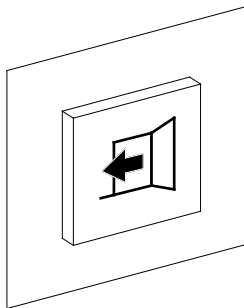
1. digitalSTROM doorbell push-button
2. Acoustic doorbell, signal via digitalSTROM
3. Certain lights flash when the doorbell rings

2.5.2 Switching off all lights and devices when leaving the house



Switching off all the important lights and appliances at once

The activity Leaving home is simply activated with a long click on the Leaving Home push button.



Not only can the Leaving Home push button switch off all lights, but it can also:

- Switch off devices connected to a digitalSTROM inline adapter
- Activate the room setback if the **Heating control** app was selected in the digitalSTROM Configurator under **General Settings**, so that during **absence the cool module** is **selected**.

For more information, also refer to chapter 3.5.2 "Setting the activity "Leaving Home"".

Operating the Leaving Home push button

To activate the leaving home activity, press and hold the Leaving Home push button for 3 seconds.

3 sec.

Activating the Leaving Home activity using your smartphone

You can also activate the Leaving Home activity simply by using the digitalSTROM smartphone apps (**digitalSTROM**, **dS Home Control**, **dS Dashboard**, **Climate Control** or **dS Listener**).

Coming home

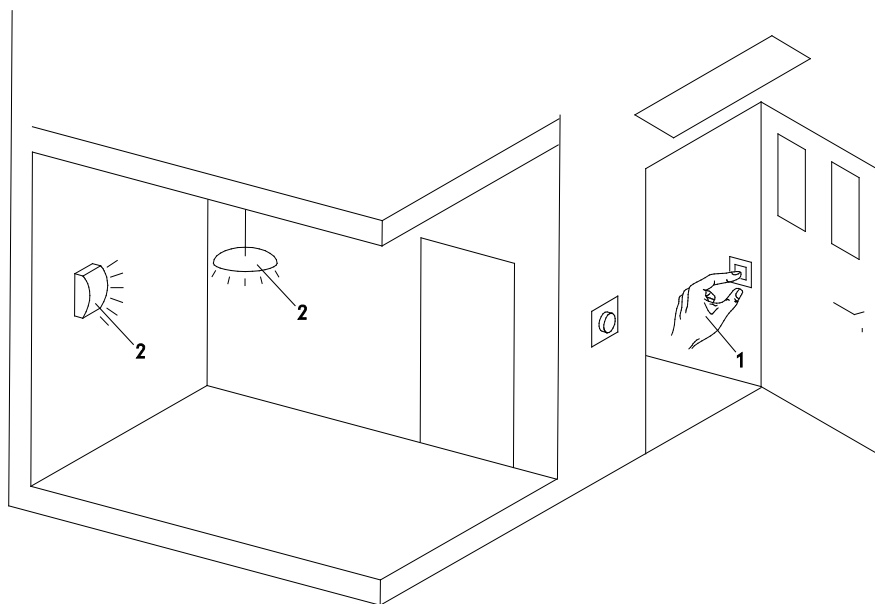
When you return home you can ensure that everything works as usual.

Devices that were switched off when you left are switched on again if desired as soon as you briefly press the **Leaving Home** push button again (this corresponds to the Coming home activity) or switching on a light in any room.

You can also activate the Coming Home activity simply by using the digitalSTROM smartphone apps (**digitalSTROM**, **dS Home Control**, **dS Dashboard**, **Climate Control** or **dS Listener**).

Note:

The planned heating start is independent of coming home. If your planned heating start is scheduled before your return home, the heating will be started at the scheduled time without the Coming Home activity being activated. You can conveniently plan the heating start using the **Climate Control** and **dS Dashboard** app.



1. Leaving Home push button
2. Lights in the house that were switched off when the Leave Home push-button was pressed

2.6 Smartphone apps at a glance



The following digitalSTROM smartphone apps are available for OS® and Android® systems:

dS Dashboard

Save frequently used activities (e.g. watching TV, reading) as favourites on the dashboard.



Thanks to the power button, you can conveniently switch off the light in your home – in all rooms or just in certain rooms.

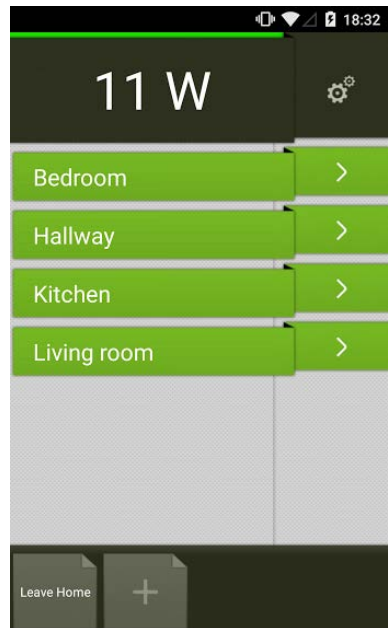
You can monitor the total consumption and consumption of each individual power circuit.

You can easily and conveniently activate **Leaving Home** and **Coming Home**. These functions switch all electrical devices off or on.

As soon as an alarm – e.g.. panic – is triggered, you receive a corresponding system message in the app.

dS Home Control app (Android) digitalSTROM App (iOS)

The app enables the control of all digitalSTROM devices – at home and when you're on the road.



The app provides information about the energy consumption of individual power circuits.

You control individual lamps or light sources of a room, for example, by switching off all lights in the room or by dimming lamps.

The app allows you to operate shutters and blinds separately or per room.

You can switch between light and shade control in the room simply by wiping over the display.

Place the most important functions such as **Leaving Home**, **Panic**, frequently used presets or user defined actions and activate these directly.

Climate Control

The digitalSTROM **Climate Control** app allows you to give your rooms the right temperature. Thus, you have the option to create optimum conditions room for room at any time. Comfortably warm but energy-efficient.

Adjust the room temperature completely to your needs and save energy at the same time. Rooms that are rarely used do not have to be heated constantly.

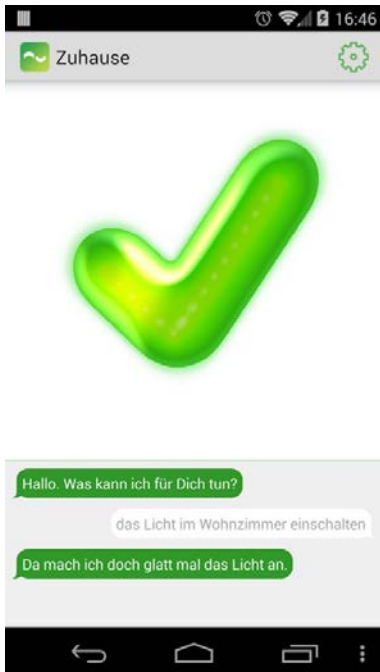
The most important functions:

- Remote access to the digitalSTROM room temperature control
- Individual adjustment of the standard temperatures
- Configuration of the individual room setback
- adjustment of the time-dependent night setback
- Monitoring the current room temperatures



dS Listener app

The dS Listener app allows you to control the digitalSTROM system with your smartphone by voice commands. When doing so, you can use simple and natural voice commands that don't have to be learned first.



The following digitalSTROM app is only available for Android® systems:

dS NFC app

The digitalSTROM system can also be controlled by NFC (Near Field Communication). Your Android® smartphone serves as a "fingerprint" at the same time.

The key functions of the dS NFC app:

- Record NFC tags and assign presets and user defined actions to your digitalSTROM Smart Home
- Activation of presets and user defined actions via NFC tags
- Use NFC tags for extending your existing light switches

Note:

On your device with the operating system Windows®8 install the app **dS Home Control**.

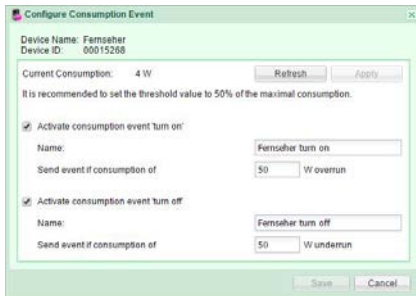
2.7 Other exciting functions

2.7.1 Activate entire activities with the metering

Entire activities on the consumption of individual devices can be activated quickly and easily. This only requires the digitalSTROM inline adapter.

In the **Hardware** tab, select the relevant device and click on **Configure metering**.

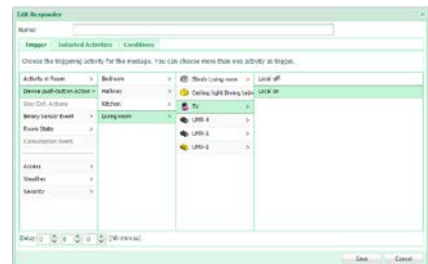
Active the metering for your device (e.g. TV) so that a metering will be sent automatically if 50 W is exceeded (TV on) or if 50 W (TV off) is fallen below.



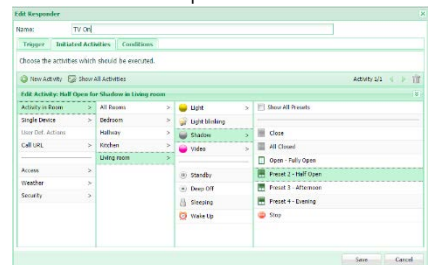
The digitalSTROM app Event Responder allows you to activate a preset based on the metering.

Example:

- You switch on your TV.
- The consumption of your TV increases above 50 W.
- A metering is sent (trigger).



- The activity to be performed (e.g. dimming the light and closing the blind during the day) is triggered by the Event Responder.



2.7.2 Saving energy and understanding the consumption

The efficient use of energy is an important concern for digitalSTROM. digitalSTROM offers many options to save energy:

Activity Leaving Home

With the leaving home activity you switch off all digitalSTROM lights and devices when you leave home. For more information also see Chapter 2.5.2 "Switching off all lights and devices when leaving the house".



Dimming in each room

Dimmed lights use less energy.

Individually controlling heating consumption

The individual temperature control of your rooms allows you to easily adapt the temperatures to suit your needs. The most important functions contributing to saving energy include:

- the Eco mode
- the manual room setback
- the time-controlled room setback
- the night setback for your home.

Additionally, you can monitor and analyse your energy consumption:

Current energy consumption on the smartphone

The smartphone shows you the current consumption of the entire Smart Home, the individual power circuits and even the consumption of individual devices in certain apps.

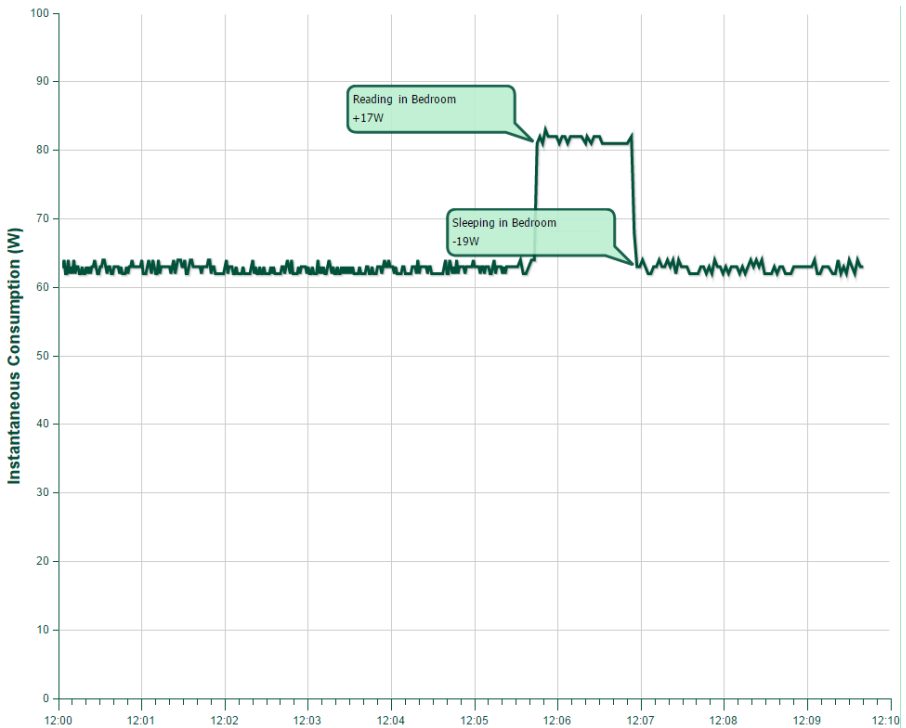


Energy graph server app

The server app **Energy Graph** makes it possible for you to find out the energy consumption of your digitalSTROM device activities in your home. It serves as an addition to web based energy consumption displays and offers additional evaluation and analysis options. The display can show the current consumption (Watt) as well as the overall consumption (Wh).

Evaluating energy via Internet

digitalSTROM Server apps like "Nambu-Meter" or "Bidgey-Meter" transmit your energy consumption data to the Internet service of a third party. This allows your consumption to be presented in a clear graphic form and provides additional evaluation options.




2.7.3 I want to use the hail warner

If a standard weather station on the house reports a hailstorm, it is usually too late to retract blinds, awnings and shutters in time. The hail warner service of your weather station, on the other hand, offers early hail warnings and thus allows you to take preventative measures in time before a hailstorm occurs.

As a digitalSTROM customer, you can subscribe to the hail warner service very easily in your **my.digitalSTROM** at

www.digitalstrom.com and use the functions for your home immediately. If the weather service issues a hail warning for an area, the hail warning service ensures that the houses and apartments networked with digitalSTROM are protected automatically – blinds, shutters and awnings are retracted automatically.



Hail warning Switzerland

by MeteoSwiss

Subscription runs out: 10.11.2015

Please set your personal preferences for your hail protection below.

Active ☒


Hail warning is activated

Location of your house

The picture on the right shows a section of a map from Google Maps. The marker shows the location of your house that is filed in the digitalSTROM system. By clicking on the "Change" button you can access the configurator at anytime and define a new location.

If a hail warning is sent out from the weather service for your location then your house will be protected in the way you've set up in advance.

CHANGE



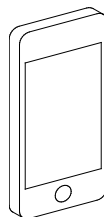
3 Setup

3.1 Light

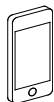
3.1.1 I want to configure a lighting preset

Two setting options are available to configure the lighting preset

1. You can use your **smartphone** at any time to access the system and change settings. You can download the app free of charge in the App-Store® (digitalSTROM) or Android Market® (dS Home Control) and install it on your devices.
2. Using a **computer** gives the technically interested the opportunity to access the system and change settings. The digitalSTROM Configurator as well as various digitalSTROM server apps are available for this purpose.

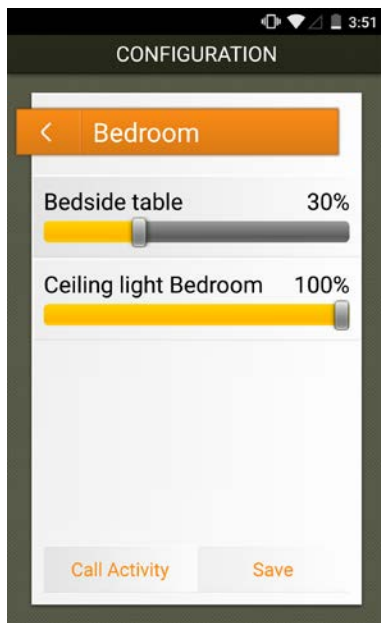
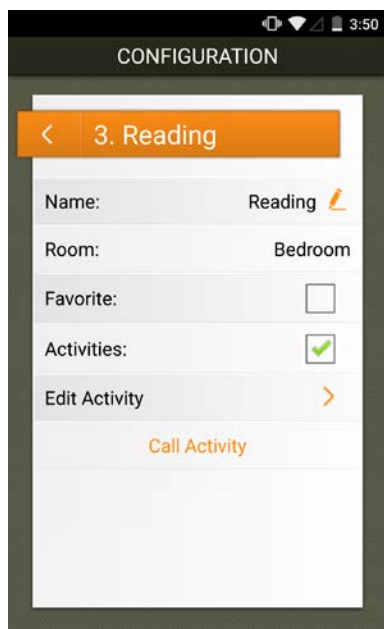


3.1.2 Setting lighting presets on the smartphone



You can set the lighting presets on your smartphone using the dS Home Control app (Android®) or digitalSTROM app (iOS®) as follows:

1. Select **"Configuration"** and then **"Activate"**.
2. **Select the room** that you want to set a lighting preset for.
3. **Select the preset** that you want to edit.
4. Select **"Edit activity"**.
5. Set the required values necessary for this preset for all devices.
6. Press **"Save"**.



3.1.3 Setting lighting presets on the computer



You can configure the entire digitalSTROM installation setup with the computer (PC, Mac®, Linux etc.) via the digitalSTROM server (dSS).

Your installation must be equipped with a digitalSTROM server.

Detailed instructions on using the web-based user interface of the digitalSTROM Configurator can be found in the online help after starting up the digitalSTROM Configurator.

digitalSTROM Configurator

The digitalSTROM Configurator is already on the digitalSTROM server. The digitalSTROM Configurator is a web-based application that runs on your digitalSTROM

server and allows you to set your digitalSTROM installation.

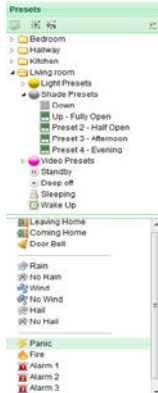
You do not need to install a program on your PC. All you need is a web browser such as Firefox (recommended), Internet Explorer, Safari, Chrome.

Possible settings for light

- Switching the terminal blocks from switch to dim
- Setting the lighting presets
- Each lighting preset can be assigned a name (for example "TV"). You can activate these lighting presets using the dS Listener with "I want TV".

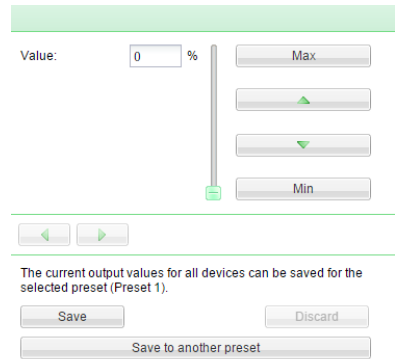
You can set the lighting presets on the computer using the digitalSTROM Configurator as follows:

1. Select the "Activities" tab in the digitalSTROM Configurator.
2. On the left hand side, select the desired room (e. g. "living room")
3. Open the "Light" folder and select the preset that you want to change (e.g. preset 1 - "Dining").



4. On the right-hand side under "Devices" select the top device/light, e.g. "Ceiling lamp dining table".
5. The integrated dialog box appears on the right in the digitalSTROM Configurator. You can now change the brightness of this light interactively. If you are in the same room as the light, you will see that the brightness changes as soon as you

move the slider. **Now select the desired brightness.**

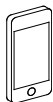


6. Now repeat the same for all lights.
7. Save these settings with "**Save**" or with "**Save in other preset**".
8. **Try out:** First switch off all the lights in the room: select "Preset 0 - Off", the lights are switched off with the "Activate" symbol or by selecting "Activate" from the context menu (right mouse button). Now activate the new preset: **select the preset**, then click on the "Activate" symbol or select "Activate" from the context menu (right mouse button).

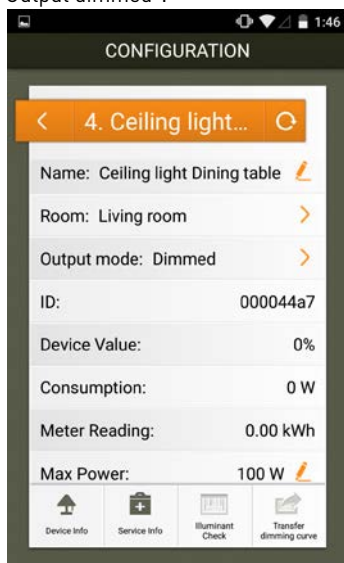
3.1.4 I want to make a light dimmable

Replacing a light with a dimmable light.

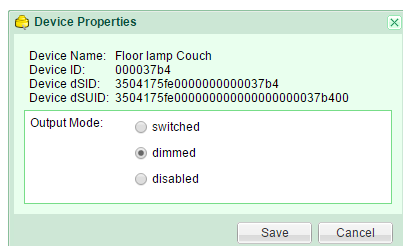
First screw in a dimmable illuminant into the lights. (see chapter 3.1.8 „Finding and replacing an illuminant“).



1. You can select the light using the **dS Home Control** app (Android®) or **digitalSTROM** app (iOS®) under **Configuration** in the menu **Devices**.
2. To make the light dimmable, select "Output dimmed".



1. Select "**Advanced view**" (bottom right) in the digitalSTROM Configurator.
2. In the "**Hardware**" tab, select the relevant device from the "**Devices**" list.
3. In the device settings select the "**Edit device properties**" dialogue.
4. Select "**dimmed**" as output.
5. "**Save**" the settings.



3.1.5 Placing a floor standing lamp in another room

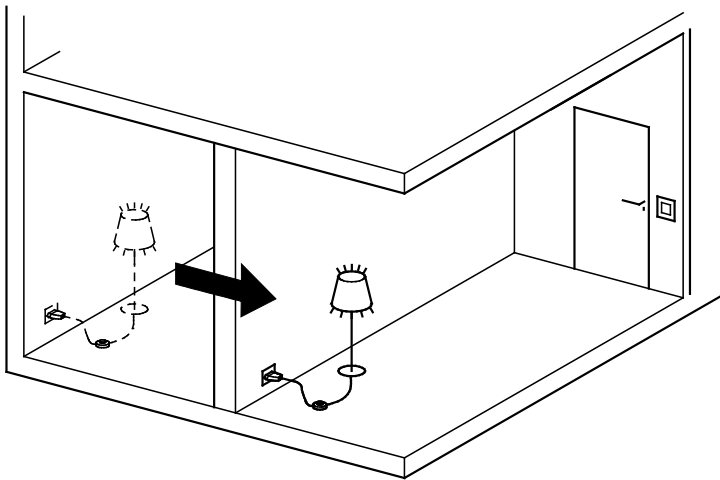
If you want to place a floor standing lamp in another room, this is possible without adjustments provided that each room is equipped with a digitalSTROM meter.

The line dimmer knows automatically that it is located in another room since it is connected to the digitalSTROM meters. Hence, the floor standing lamp works automatically with the light switches assigned to this room.

Since the lighting preset settings are stored in the light, its light settings in the new room will exactly match those of the previous room.

If the floor standing lamp was not automatically assigned to the correct room, you can also assign the light manually:

1. You can select the light and change the **room** using the **dS Home Control** app (Android®) or **digitalSTROM** App (iOS®) under **Configuration** in the menu **Devices**.
2. Using the digitalSTROM Configurator in the **Rooms** tab you can move the light into the right room by Drag & Drop.



3.1.6 Using my floor standing lamp outside my home



A floor standing lamp with a digitalSTROM line dimmer also works autonomously

The basic functions (on/off, dim) of a floor standing lamp will always work, even outside a digitalSTROM installation. Click 1-4x short on the line dimmer to activate the respective presets.

The presets for the autonomously operated digitalSTROM line dimmer can even be changed.

To do this, click 1x short and 1x long on the digitalSTROM line dimmer to enter the programming mode.

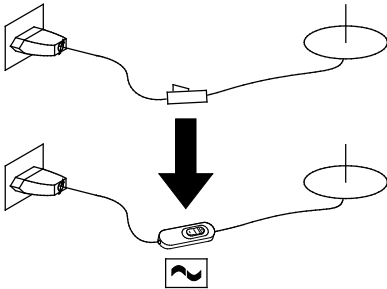
3.1.7 Placing an additional floor standing lamp in a room

Electrical installation

If you want to provide the additional floor standing lamp with digitalSTROM, you need a digitalSTROM line dimmer. You may also need a dimmable illuminant if you want to dim the floor standing lamp.

Refer to the information in chapter 3.1.8 „Finding and replacing an illuminant“.

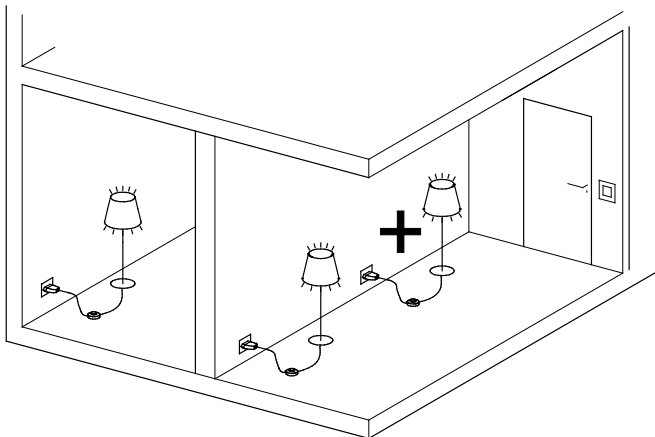
Integration in digitalSTROM



Using a switch with a digitalSTROM line dimmer:

1. Insert the light in the desired socket outlet.
2. You can switch this on and off and dim it with the line dimmer, as you are used to doing.
3. You can also activate the various lighting presets using the line dimmer (1x, 2x click.).
4. If necessary, you can adjust the brightness of the floor standing lamp for each lighting preset according to your requirements. Proceed as described in chapter3 Setup.

If you want to assign the floor standing lamp to another room, you can do this as described under chapter 3.1.5 „Placing a floor standing lamp in another room“ or with the digitalSTROM Configurator. Information on the digitalSTROM Configurator can be found in chapter 4 "Installing" of this manual.



3.1.8 Finding and replacing an illuminant

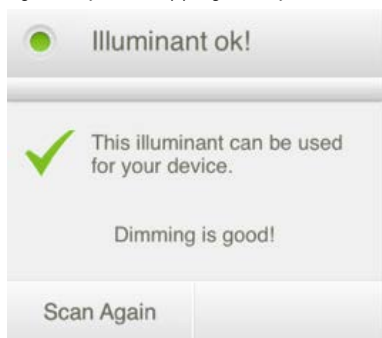
The digitalSTROM illuminant check

On the shopping list is "illuminant". On the DIY store shelf there are many different variants. Which of these is the right illuminant for your home?

You can find the answer to this quickly on your smartphone with digitalSTROM: The illuminant check allows you to retrieve information on the illuminants even when you're on the road.

In case of doubt, you can scan the barcode of the product in question with your smartphone camera — and the app will show whether it fits.

This means that you always have the right lights in your shopping trolley.



Child's play: Use the same illuminant

If an illuminant fails and you use the same type, simply replace the illuminant in the usual way.

Energy-saving lamp and LED

Note that energy-saving lamps and LEDs must have dimmable illuminants if you want to dim the light. Information about this is provided on the packaging. Usually dimmable illuminants are more expensive than non-dimmable illuminants.

The following specifications apply to all digitalSTROM light terminal blocks of the following type (as at 4/2011):

- GE-KM 200 (lighting terminal block)
- GE-TKM 210 (push-button terminal block)
- GE-SDM 200 (line dimmer)

Ask your electrician if you are not sure which illuminants are suitable for digitalSTROM.

Also refer to the installation instructions of the digitalSTROM right illuminant. You can find more information and an overview of illuminant sockets at www.digitalstrom.com/lightbulbsockets

Illuminants for digitalSTROM terminal block M and line dimmer

Conventional light bulb

up to 150 W



High-voltage halogen illuminant

up to 150 W



Low-voltage halogen lamps with switching power supply/ electronic transformer

up to 150 W



Energy-saving lamp

up to 105 VA



Most energy-saving lamps are not dimmable.

LED illuminant ¹⁾

up to 30 W



Fluorescent lamp with electrical ballast

up to 105 VA



Most electrical ballasts for fluorescent lamps are not dimmable.

¹⁾ for LED illuminants we recommend using the digitalSTROM relay terminal block L

Illuminants for digitalSTROM relay terminal block L and inline adapter

Conventional light bulb

up to 1400 W



Energy-saving lamp

up to 700 VA



Most energy-saving lamps are not dimmable.

High-voltage halogen illuminant

up to 1400 W



Low-voltage halogen lamps with switching power supply/ electronic transformer

up to 700 VA



LED illuminant ¹⁾

up to 700 VA



Fluorescent lamp with electrical ballast

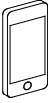
up to 700 VA



¹⁾ for LED illuminants we recommend using the digitalSTROM relay terminal block L

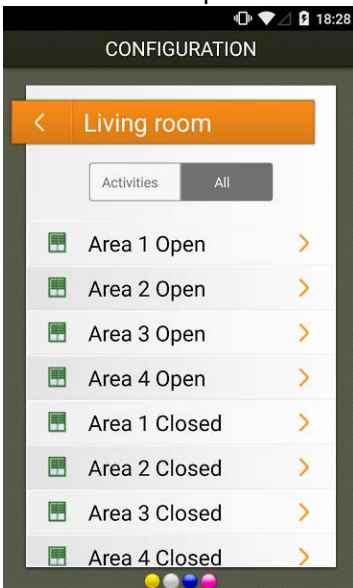
3.2 Shade

3.2.1 Setting shade preset on the smartphone

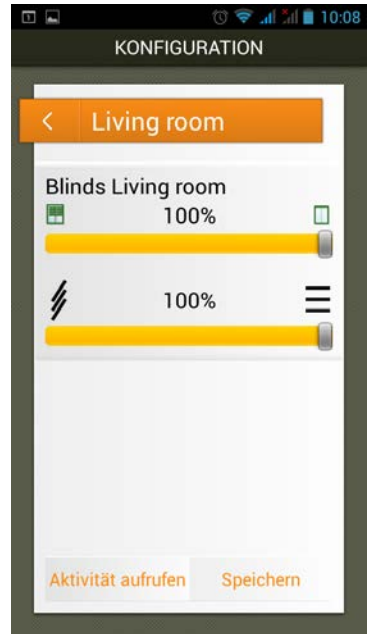


You can set the shade preset on your smartphone using the dS Home Control app (Android®) or digitalSTROM app (iOS®) as follows:

1. Select **"Configuration"** and then **"Activate"**.
2. **Select the room** that you want to set a shade preset for.
3. Swipe your finger across the screen to the right in order to browse in the **Shades Colour Group**.



4. **Select the preset** that you want to edit.
5. Select **"Edit activity"**.
6. Set the required values necessary for this preset for all devices.



7. Press **"Save"**.

3.2.2 Setting shade presets on the computer



Possible settings for shade

1. Setting the shade presets
2. Assigning shutters or blinds to a room
3. Every shade preset can be assigned a meaningful name (e.g. "TV")

digitalSTROM Configurator

Apps Activities Rooms Groups System Hardware Help

Presets

- Bedroom
- Hallway
- Kitchen
- Living room
 - Light Presets
 - Shade Presets
 - Down
 - Up - Fully Open
 - Preset 2 - Half Open
 - Preset 3 - Afternoon
 - Preset 4 - Evening
 - Video Presets
 - Standby
 - Deep off
 - Sleeping
 - Wake Up
- Leaving Home
- Coming Home
- Door Bell

Devices

Name	dSID	Output Mode	Input mode
Blinds Living room	000160a0		Device
Button Blinds	00049022		Blinds 1st Floor

Position: 100 % Up

Set Blade Angle: 100 %

The current settings can be saved for the selected preset (Up - Fully Open).

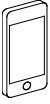
Save Discard

Save to another preset.

1.7.0 Refresh View Basic View English

3.3 Climate

3.3.1 Setting the temperature



The digitalSTROM **Climate Control** app allows you to give your rooms the temperature that exactly suits your needs. Thus, you have the option to create optimum conditions room for room at any time. Comfortably warm but energy-efficient.

You have the option to adapt the standard temperatures for each room.

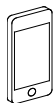
The following standard temperatures are available for your rooms:

- Comfort
- Eco
- Cool
- Night
- Holidays

A screenshot of a mobile application interface. At the top, there's a status bar with 'No SIM', signal strength, time '13:47', and battery level. Below the status bar is a green header bar with a back arrow and the text '< Back Standard temperatures'. The main content is a table with five rows, each representing a temperature preset. The table has a green header bar, and each row has a green background for the preset name and a white background for the temperature value. The rows are: 'Comfort' with '22.0°', 'Eco' with '20.0°', 'Cool' with '18.0°', 'Night' with '17.0°', and 'Vacation' with '16.0°'. Below the table is a solid green footer bar.

< Back Standard temperatures	
Comfort	22.0°
Eco	20.0°
Cool	18.0°
Night	17.0°
Vacation	16.0°

3.3.2 Setting the temperature time-dependent



Do you have an individual daily or weekly schedule and don't want to heat the entire home? Then with the digitalSTROM **Climate Control** app you can create your personal time profile and always adapt it to suit your needs.

When creating time profiles, you have two options:

- Activate the room setback for each individual room.
- Adjust the night setback for the entire home.

	START	END
SUN MON	SUN 23:30	MON 04:40
MON TUE	MON 23:30	TUE 04:40
TUE WED	TUE 23:30	WED 04:40
WED THU	WED 23:30	THU 04:40
THU FRI	THU 23:30	FRI 04:40
FRI SAT	FRI 23:30	SAT 08:00
SAT SUN	SAT 23:30	SUN 08:00

3.4.1 Setting the activity "Panic"



To exclude one or more lights from this function, for example the lights in your children's room, proceed as follows:

1. Connect your PC to the digitalSTROM server and log on to the **digitalSTROM Configurator**.
2. In the **"Activities"** tab, select the activity **"Panic"**.
3. **Mark** the relevant device in the list on the right.
4. In the device settings, select the **"Edit device properties"** dialogue.
5. Activate the **"Retain output"** checkbox.
6. **Save** the setting.



3.4.2 Simulating Presence



The "Presence Simulation" app allows you to simulate presence. For this purpose, lights are switched on and off automatically, shutters are moved and other actions are performed.

Defining automatic actions in the "Presence Simulation" app:

1. Install the "Presence Simulation" app in the **digitalSTROM Configurator** (see chapter 3.7.4 „Using digitalSTROM server apps“).
2. **Start** the app.
3. Select the **"General"** tab.
4. Define when the **Presence Simulation** should be **active**.
5. If the Presence Simulation should be active during the holiday, select the **"Holiday times"** tab and define the period of your holiday.
6. Press **"Save"**.

Edit holiday

Name:

From: 17.09.2014 Time of Day: 12:00 (hh:mm)

Until: 17.09.2014 Time of Day: 12:00 (hh:mm)

Save Cancel

Presence Simulation

General Holiday Activity

Settings

Simulation is **Not Active**

When should the simulation be active?

☐ Always off - holiday times and absent state will not be used

☒ Only on holidays

☐ On holidays or while being absent

☐ Always on

Should an email be sent when turning on or off the simulation?

☐ No

☐ Yes Receiver: Apply

Hints

When the Presence Simulation is active, all timers from the Timers app are disabled. When the Presence Simulation is deactivated, the timers are reactivated.

The presence simulation will only be effective when attention is paid to the following details:

- The mailbox is not overflowing with mail that has not been retrieved.
- The telephone must be forwarded.
- Leaves and foliage should not accumulate in the yard or in the driveway.
- The intercom system should be answered.

Help

3.5 Access

3.5.1 Setting the activity "Doorbell"

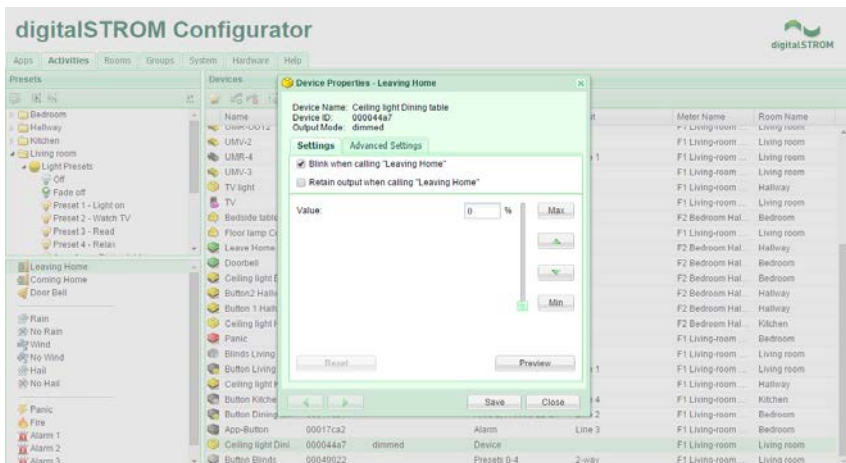


Adjusting the setting with the digitalSTROM Configurator

The activity "Doorbell" has been adjusted at the factory so that no lights flash when the doorbell rings.

However, you have the option of changing this to suit your needs as follows:

1. **Connect** your PC to the digitalSTROM server and log on to the **digitalSTROM Configurator**.
2. In the **"Activities"** tab, select the activity "Doorbell".
3. Select the relevant **device** (e.g. floor standing lamp) in the list on the right.
4. In the device settings select the **"Edit device properties"** dialogue.
5. Activate the **"Flash when calling"** check box
6. **Save** the setting.



3.5.2 Setting the activity "Leaving Home"

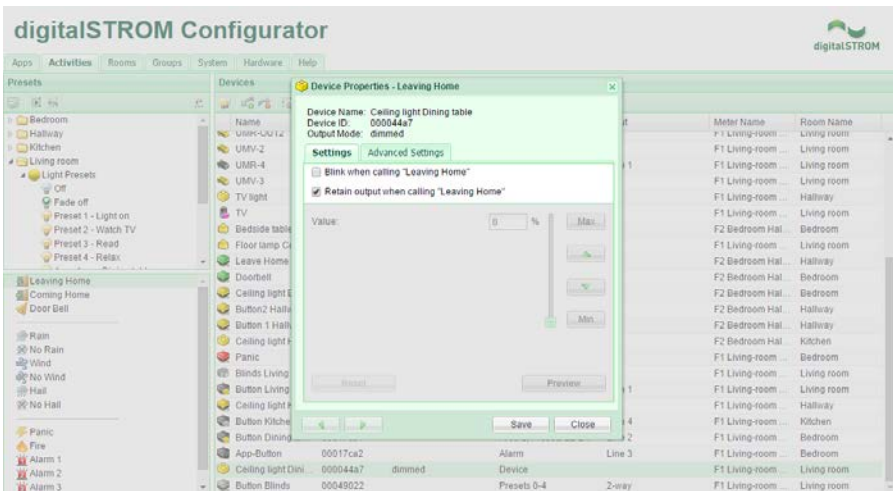


Adjusting the setting with the digitalSTROM Configurator

The activity "Leaving Home" has been adjusted at the factory so that when the Leaving Home push button is pressed for a long time all lights in your home are switched off and all awnings are retracted.

If one or more lights should not respond to the Leaving Home function (e.g. the Christmas lighting), you can change this as follows:

1. Connect your PC to the digitalSTROM server and log on to the **digitalSTROM Configurator**.
2. In the **"Activities"** tab, select the activity **"Leaving Home"**.
3. **Mark** the relevant device in the list on the right.
4. In the device settings, select the **"Edit device properties"** dialogue.
5. Activate the **"Retain output"** checkbox.
6. **Save** the setting.



3.6 Third-party systems

3.6.1 Integrating Philips Hue lights into the digitalSTROM system

The digitalSTROM App Hue Control allows you to easily integrate devices of Philips Hue® lighting systems into the digitalSTROM system:

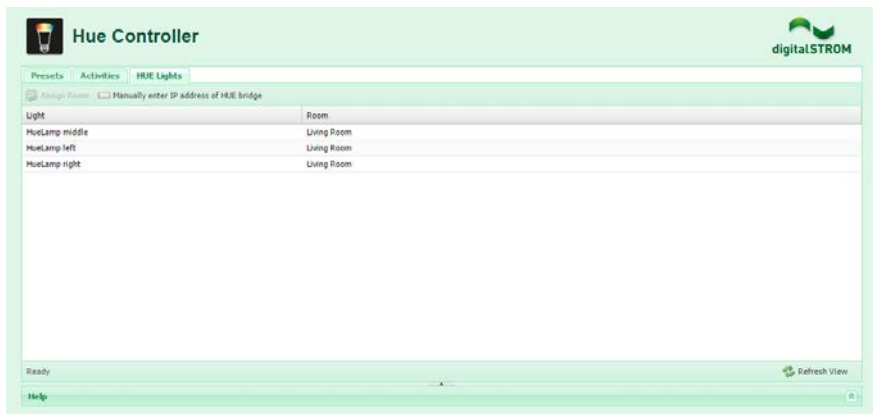
1. Install the **Hue Control App** in the **digitalSTROM Configurator** (see chapter 3.7.4 „Using digitalSTROM server apps“).
2. **Install the Hue® lights.**
3. Connect Hue®-Bridge to the home network with an Ethernet cable.
4. Connect the Hue®-Bridge to the power supply.
5. Start the **Hue Control App**.
6. Select the **"HUE Lights"** tab.
7. Press **"Configure IP address of the Hue®-Bridge manually"**.
8. Enter the **IP address of the Hue®-Bridge**.

9. Press the **button on the Hue®-Bridge**, when requested to do so.

The Hue® lights are now detected and displayed in the app.

Assigning Philips Hue® lights to a room

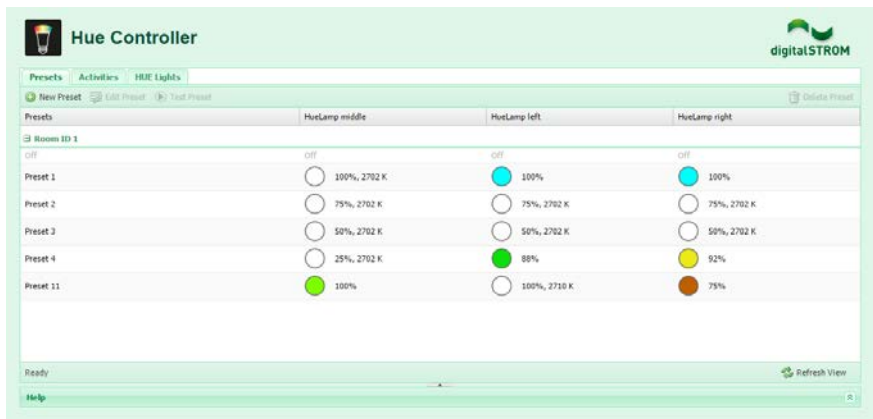
1. Start the **Hue Control App**.
2. Select the **"HUE Lights"** tab.
3. Select the Hue® light that you want to assign to a room.
4. Click **"Assign room"**.



Assigning Hue® lights to a preset

digitalSTROM allows you to illuminate your Philipps HUE® lights in the colour of your choice. You can assign this lighting concept to a preset very easily.

1. Start the **Hue Control App**.
2. Select the **"Presets"** tab.
3. **Select the room** that you want to define a lighting preset for.
4. Click **"Add preset"**.
5. Name the preset.
6. Select the room preset that you want to define a lighting preset for.
7. Select the brightness and colour for each Hue® light.



3.6.2 Integrating a Sonos® audio system into the digitalSTROM system

The digitalSTROM Sonos control app allows you to easily integrate the devices of the Sonos® Multiroom audio system into the digitalSTROM system:

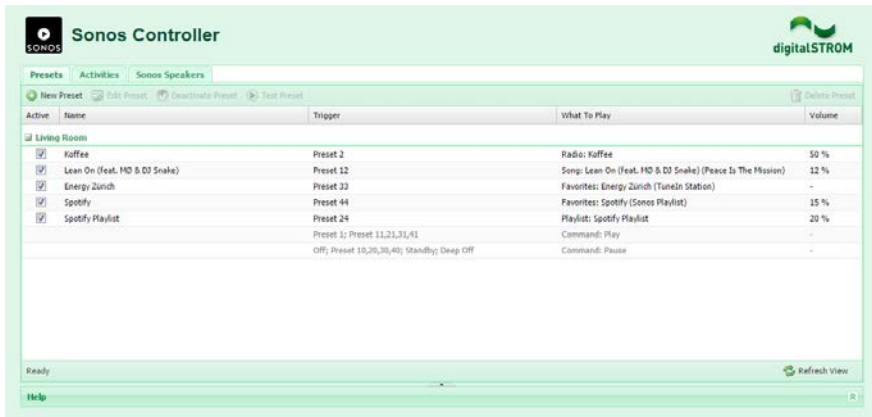
1. Install the **Sonos control app** in the digitalSTROM Configurator.
2. Connect the **Sonos® devices** to the home network **with Ethernet cables**.
3. Assign your Sonos® system to a room
4. **Start** the **Sonos control app**.
5. Click **"Search for Sonos speaker automatically"**. If you know the IP addresses of your Sonos® devices, you can enter these directly.
6. Select the Sonos® device that you want to assign to a room.
7. Click **"Assign room"**.



Assigning playlist to a preset

digitalSTROM allows you to play back your Sonos® audio system in whatever way you like. Thus, it is possible to connect lighting presets to any playlist of your choice:

1. Start the app **Sonos control**.
2. Select the **"Presets"** tab.
3. **Select the room** that you want to define a playlist for.
4. Click **"new preset"**.
5. Name the preset.
6. Select the room preset (triggerable) that you want to define a playlist for.
7. **Select the playlist** to be played back.

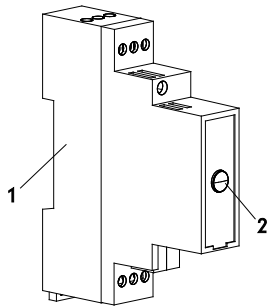


3.7 dS Configurator

3.7.1 Accessing digitalSTROM with a computer: digitalSTROM Configurator

The digitalSTROM Configurator runs on the digitalSTROM server

To be able to access the system by computer, a digitalSTROM server (dSS) must be installed in your home. The software (digitalSTROM Configurator) installed on the PC allows access to the system.



1. digitalSTROM Server (dSS)
2. Reset button

A computer is required

To enable communication, a web browser must be installed on the computer, such as Firefox (recommended), Internet Explorer, Safari, Chrome etc.

Function of the digitalSTROM Configurator

1. Configuration of the digitalSTROM terminal blocks during installation
2. Setting presets
3. Fault diagnosis in the event of problems (locally at your home or also remotely via remote access via the Internet)
4. Platform for additional functions that extend the system in the form of digitalSTROM server apps.

Security

Access to the digitalSTROM server is password protected.

The factory settings are:

Name: **dssadmin**

Password: **dssadmin**

You can change this password at any time.

Forgotten your password?

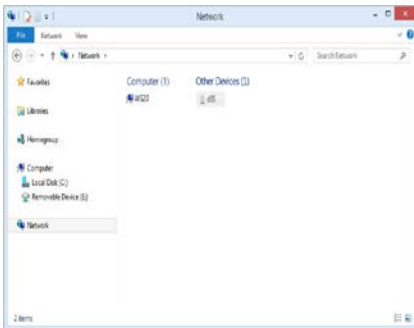
1. Go to your electrical power distribution board (fuse box).
2. Localise the dSS (has the name "dSS11" or similar).
3. Press the Reset button for at least 15 seconds, the button then starts to flash blue.
4. You can now use the factory settings again (password: dssadmin).

Your current configuration settings are, however, not changed.

3.7.2 Accessing digitalSTROM with Windows

To be able to access the digitalSTROM Configurator from your computer, you first need to find the digitalSTROM Configurator in your home network.

1. Open a Windows Explorer.
2. In the left navigation area, click on "Network".
3. In the right navigation area under "Other devices", the "dSS" symbol appears.



4. Double-click on the "dSS" symbol.
5. A web browser opens automatically (Firefox (recommended), Internet Explorer, Safari, Chrome etc.).

6. If a security warning appears, click on "Continue loading this website".
7. Now enter the access data:
User name: **dssadmin**
Password: **dssadmin**



8. The password "dssadmin" can be changed in the digitalSTROM Configurator at any time.

If it is not possible to access the digitalSTROM server as described, an application (network scanner) can be used to search for the digitalSTROM server in the local network.

For more information, refer to chapter 3.7.9 .. Accessing the digitalSTROM Configurator: Searching the local network".

3.7.3 Accessing digitalSTROM with a Mac®

Mac® OS X

Open a web browser on your Mac® e.g. Safari, Firefox.

In the address bar, enter the following address:

<http://dss.local> for the dSS11-1GB or

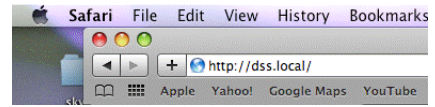
<http://dssE.local> for the dSS11-E

Now enter the access data:

User name: **dssadmin**

Password: **dssadmin**

A dialog opens automatically.



Now enter the access data:

User name: **dssadmin**

Password: **dssadmin**

The password "dssadmin" can be changed in the digitalSTROM Configurator at any time.

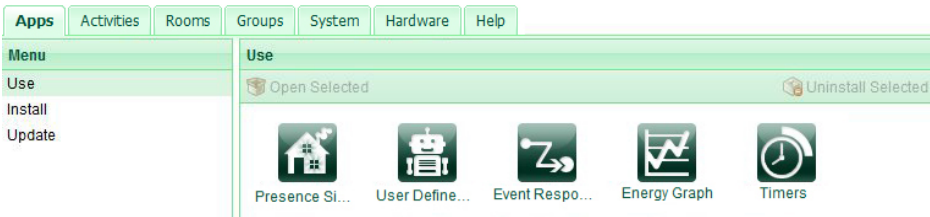
3.7.4 Using digitalSTROM server apps

digitalSTROM server apps can be found on the digitalSTROM Configurator. These apps extend your system with useful additional functions. Each app has its own webpage/user interface and a description of the function.

The installation of new applications (apps) or updating already installed applications can be completed quickly and easily in the applications (apps) main area.

New apps

New digitalSTROM server apps are constantly being developed by the digitalSTROM partners. digitalSTROM website www.digitalstrom.com for more details on the available apps.



3.7.5 Operate your home conveniently via the Internet

You can operate and configure your digitalSTROM installation conveniently via the Internet.

Your my.digitalSTROM account

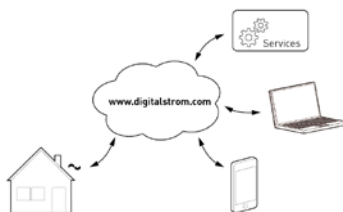
Open a user account on www.digitalstrom.com and then go to **my.digitalSTROM** to access a host of useful functions. You can e. g.:

- give third parties temporary access to the digitalSTROM Configurator
- access the data back-up automatically created under your account
- Configure or acquire applications such as weather-based services

Remote access to the Internet

On the digitalSTROM server, the digitalSTROM server app **my.digitalSTROM**

only has to be connected to your user account for remote access. To do this, follow the instructions in the digitalSTROM server app.



digitalSTROM apps for smartphones and tablets

Use the access data of the user account in the digitalSTROM app for smartphones and tablets also. This allows you to conveniently access your home from anywhere.

[> Log out](#) [> My Account](#) [> Language](#) English

[Idea](#) [Unique experience](#) [System](#) [Dealer Locator](#) [my.digitalSTROM](#)

MY APPLICATIONS [CONFIGURATOR](#)

digitalSTROM-configurator

[OPEN](#)

Temporary access

Would you like to integrate a new device into your digitalSTROM network - or do you need help with a digitalSTROM function?

You can give another person temporary access to your digitalSTROM installation in order to clear up any questions and implement changes successfully.

[SEND INVITATION](#)

Data protection

Your data and configurations will be protected by us. For this reason we perform automatic data back-ups once a week. You have access to your secured data here.

[OPEN](#)

Everything at a glance: With the digitalSTROM configurator you always have your personal settings at hand and can change any parameters as you wish.

Simply enter your password after clicking on "open". And your digitalSTROM configurator is at your service - worldwide and anywhere that you can access the internet.

Our system will generate an e-mail with an active link for the time-frame chosen by you. However, for added security you should send your digitalSTROM configurator log in password in another e-mail or by telephone.

3.7.6 Controlling different devices with the touch of a button

User Defined Actions

The digitalSTROM server app **User defined actions** allows you to combine different activities to form an action.

Quick and easy

If, for example, you often read in the living room, you can create a user defined action, which switches on the reading lamp, dims the living room light, switches off the light in the kitchen and closes the shutters on the window facing the street.

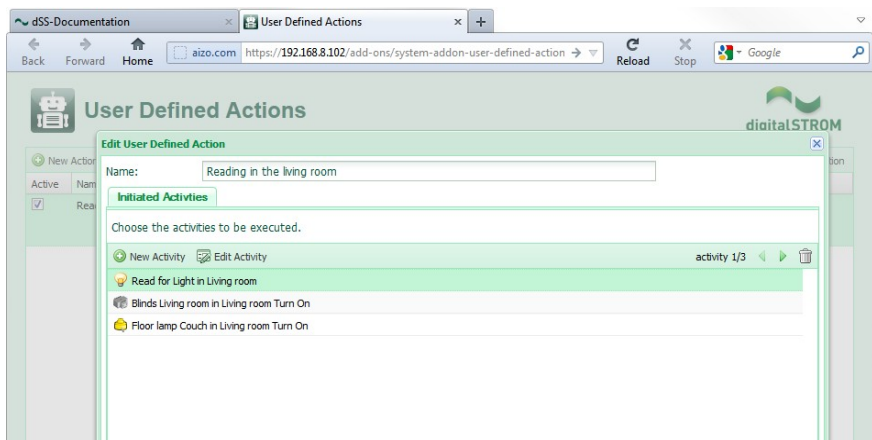
You can then easily activate this action from a wall push-button or from your smartphone and thus control different devices with a single touch of a button.

Interaction between different digitalSTROM server apps

User defined actions can also be called from other digitalSTROM server apps.

For example, the digitalSTROM server app **Event Responder** can always call a user defined action when you turn on your reading lamp in the living room.

Creating user defined actions and the interaction with other digitalSTROM server apps allows a variety of functions and operating options. Your electrician will be happy to advise you about implementing your own ideas.



3.7.7 Installing digitalSTROM apps on smartphone or tablet

With the digitalSTROM app you can operate all functions of your digitalSTROM installation from your smartphone or tablet and adjust them suite your needs.

Supported devices

The **digitalSTROM** iPhone® app and the dS Dashboard app also run on an iPad® or iPod touch®. The **dS Home Control** app runs on all devices and smartphones with an Android® operating system.

Requirements

- The digitalSTROM app connects to your home network via Wi-Fi, you will therefore need a Wi-Fi access point in your home network.
- To enable the digitalSTROM app to connect to your digitalSTROM installation, a digitalSTROM server (dSS) is required.

You can download the apps free of charge from the App Store® or Google Play and install them on your devices.

digitalSTROM iPhone® apps

1. Start the **App Store** (or start iTunes®) on your iPhone®, iPad® or iPod touch®.
2. Search for "**digitalSTROM**". The free apps are called:
 - **digitalSTROM**
 - **dS Dashboard**
 - **Climate Control**
 - **dS Listener**
3. Download the iPhone® app.
4. **Install** the iOS® app.
5. **Start** the iOS® app.
6. Log into your "**my.digitalSTROM**" account.
7. You can now access the digitalSTROM system from your iPhone®.

digitalSTROM Android® apps

1. Start the **Android market®** on your Android® device.
2. Search for "**digitalSTROM**". The free apps are called:
 - dS Home Control
 - dS Dashboard
 - Climate Control
 - dS Listener
3. **Install** the Android® app.
4. Start the iPhone® app.
5. Log into your "**my.digitalSTROM**" account.
6. You can now access the digitalSTROM system from your Android® device.

digitalSTROM Windows®8 app

1. Start the **Windows Store** on your Windows®8 device.
2. Search for **"digitalSTROM"**. The free app is called **"dS Home Control"**
3. **Install** the Windows®8 app.
4. **Start** the Windows®8 app.
5. Log into your **"my.digitalSTROM"** account.
6. You can now access the digitalSTROM system from your Windows® 8 device.



3.7.8 Accessing the digitalSTROM Configurator: Technical background

Technical background

To ensure that the digitalSTROM server can be easily found in your network, it supports the two "UPnP" and "Bonjour" protocols.

UPnP

When you use the "UPnP" protocol, a symbol is created on the desktop that can be double-clicked to start the connection to the digitalSTROM server.

Bonjour®

With the "Bonjour" service, you can simply enter the address <http://dss.local> in the web browser. "Bonjour" is already installed on the Mac® OS X operating system. On Windows® operating systems, it first has to be installed and is started in the background as "Bonjour service".

Alternatives:

The following non-commercial programmes may be used as an alternative. These programmes are, however, only necessary if either there is more than one dSS in a home network or if the previous accesses were not successful:

Bonjour® browser (Mac® OS X):

<http://www.tildesoft.com>

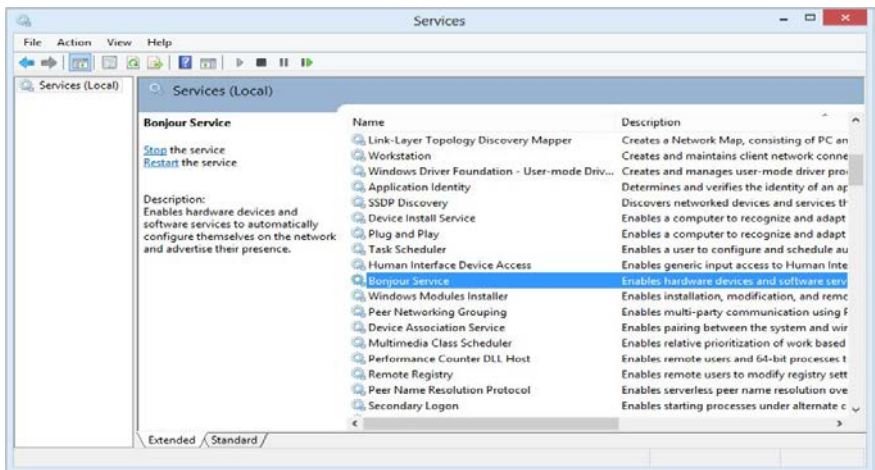
iStumbler (Mac® OS X):

<http://istumbler.net/>

SoftPerfect® Network Scanner (Microsoft® Windows):

<http://www.softperfect.com>

Please consult the detailed documentation 'Accessing the installation with the digitalSTROM Configurator via PC and MAC' in the area operating instructions on <http://www.aizo.com/support>



3.7.9 Accessing the digitalSTROM Configurator: Searching the local network

Technical background

If the search for the digitalSTROM server under the network settings of the Windows® operating system is unsuccessful, an application (network scanner) can be used to search for the digitalSTROM server. Here, the digitalSTROM server is identified by its unique network address (MAC address).

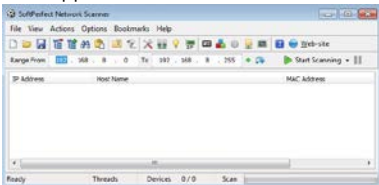
Recommended Network Scanner application:

SoftPerfect® Network Scanner (Microsoft® Windows):

<http://www.softperfect.com>

Follow the following steps:

1. Download the netscan.exe file onto your computer and start the application.



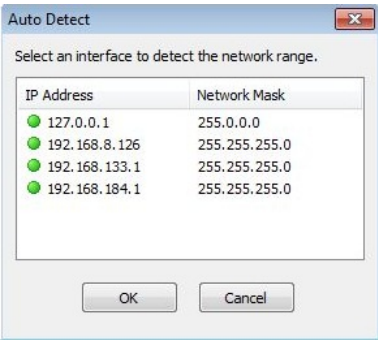
2. Select the command

"Detect Local IP Range"

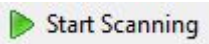


3. Select the address range you want to search.

The address range with the IP 127.0.0.1 corresponds to the device on which you start the applications. Therefore, select a different range.



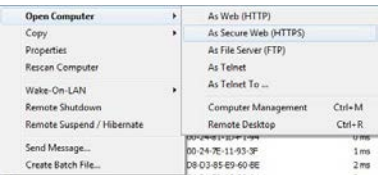
4. Start the search with the command "Start Scanning"



5. Select the device for which the MAC address starts with "A8-99-5C- ...". If no such device is found, go to step 2 and select another address range. Otherwise, continue with step 6.

6. Open the menu selection on the selected device with the right mouse button.

Under "Open Computer", select the command "As Secure Web HTTPS".



7. Your computer automatically opens the web based digitalSTROM Configurator in the standard web browser.

4 Installing

4.1 digitalSTROM installation manual

Installation Manual in printed form

The digitalSTROM Installation Manual is available for downloading as an Adobe® PDF file.

You can download the latest version of the installation manual and also find additional useful support information at www.digitalstrom.com/manuals.

Installation manual as an online help

The digitalSTROM installation manual is also integrated as an online help in the installation on the digitalSTROM server. It can be opened in the web based digitalSTROM Configurator, in the main area Help.