

# GIRA

Smart Home.  
Smart Building.  
Smart Life.

My life.  
My comfort.  
My Smart Home.



Gira / Smart Home

We are Gira.  
We are the ones with the switches.  
But we're so much more.

Future-oriented.  
Certified.  
Responsible.

We're the guardians, innovators,  
smart home pioneers, developers,  
systems thinkers, KNX partners,  
shapers of the future, patent masters,  
award winners and designers.

But above all, we're the ones  
who listen.  
To you.

Subtle, but smart.  
With distinct focus on quality,  
materials and functions.  
And the driving force of innovation.

In our hearts, we are engineers  
on a mission to inspire.  
With new technologies,  
smart applications, and  
impressive attention to detail.

We will always work our hardest  
to find the best solution for you.  
With service, design and performance  
made in Germany.

Because that is what we stand for.  
And have been standing for since 1905.

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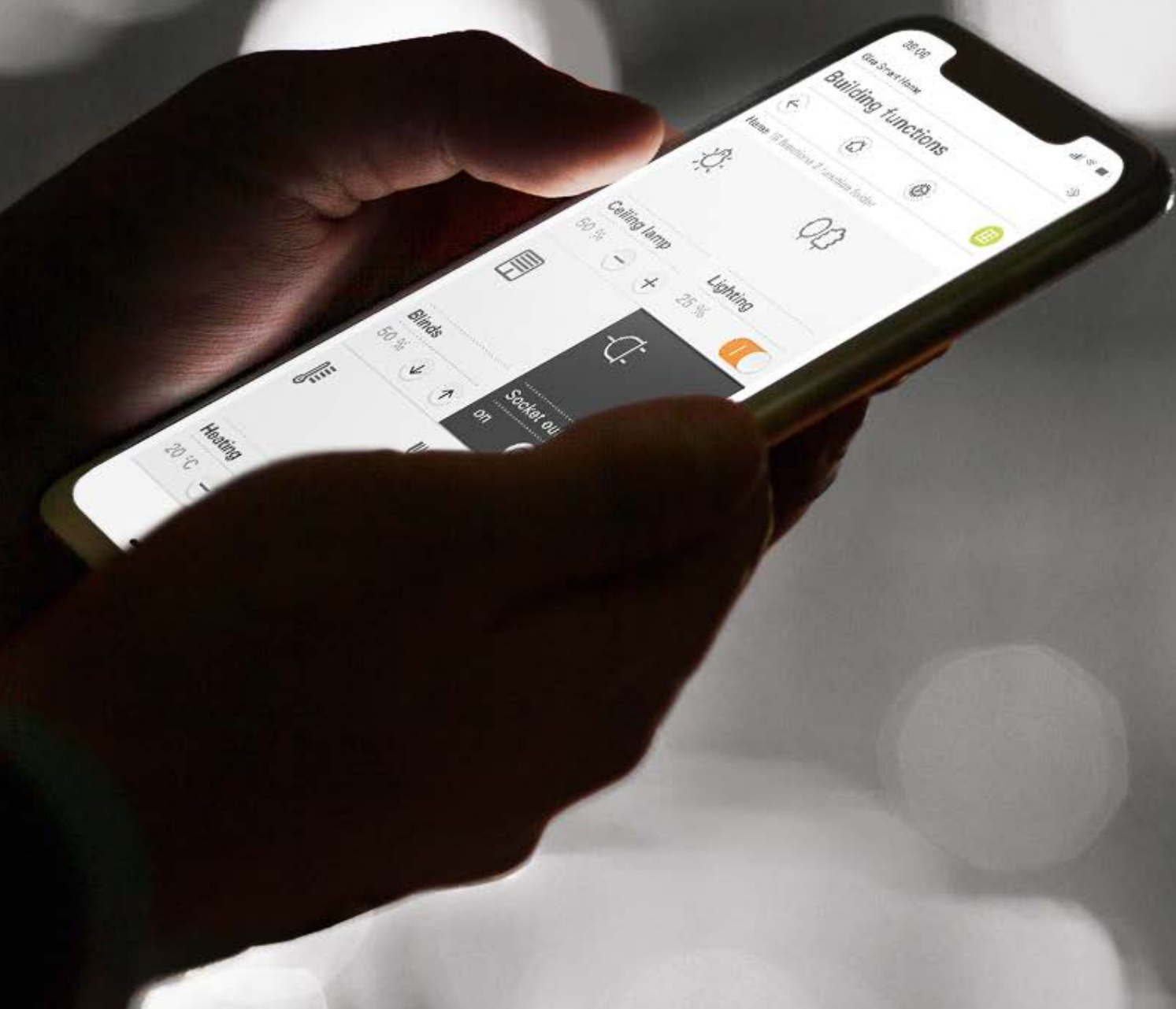






Imagine a house that knows you as well as an old friend. A house that knows what you need and makes life as easy as possible for you. Enter a world that you can make your own. The world of the Smart Home.

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# What do we mean by Smart Home? And what can you expect from yours?

A Smart Home is more than just using an app to switch on the ceiling light. A Smart Home that meets your most stringent requirements is a comprehensive home technology system that is individually configured for your life. A system that virtually thinks for itself and works independently.

- A Smart Home takes care of many things that you previously had to do yourself.
- A Smart Home is individually tailored to your needs, while you remain in control.
- In the Smart Home, light, room temperature, blinds and much more interact automatically with each other, via self-set scenarios, for example.
- A Smart Home functions without a dedicated central control unit and even without the Internet.
- Our Smart Home systems use the KNX standard as a basis, a standard that has been tried and tested for over three decades.
- KNX is the basis for communication between individual electrical devices in your household.
- Many electronic device manufacturers use KNX, which allows countless applications to be combined with each other.
- Our Smart Home systems are always up to date and data-secure thanks to the specially developed KNX Secure encryption.

Can my lighting  
follow me  
through the  
house?







# Lights on wherever I go.

Most people move through their homes from wall to wall because, wherever they go, the first thing they do is switch on the light. Doesn't that seem quite unnatural? In an ideal world, the lighting would follow you as you move

from room to room. This would be even more helpful for those occasions when you don't have a hand free for the light switch. Thanks to the KNX system, this convenience is now possible with individually created light scenarios.



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## Highlights, facts and benefits of light scenarios:

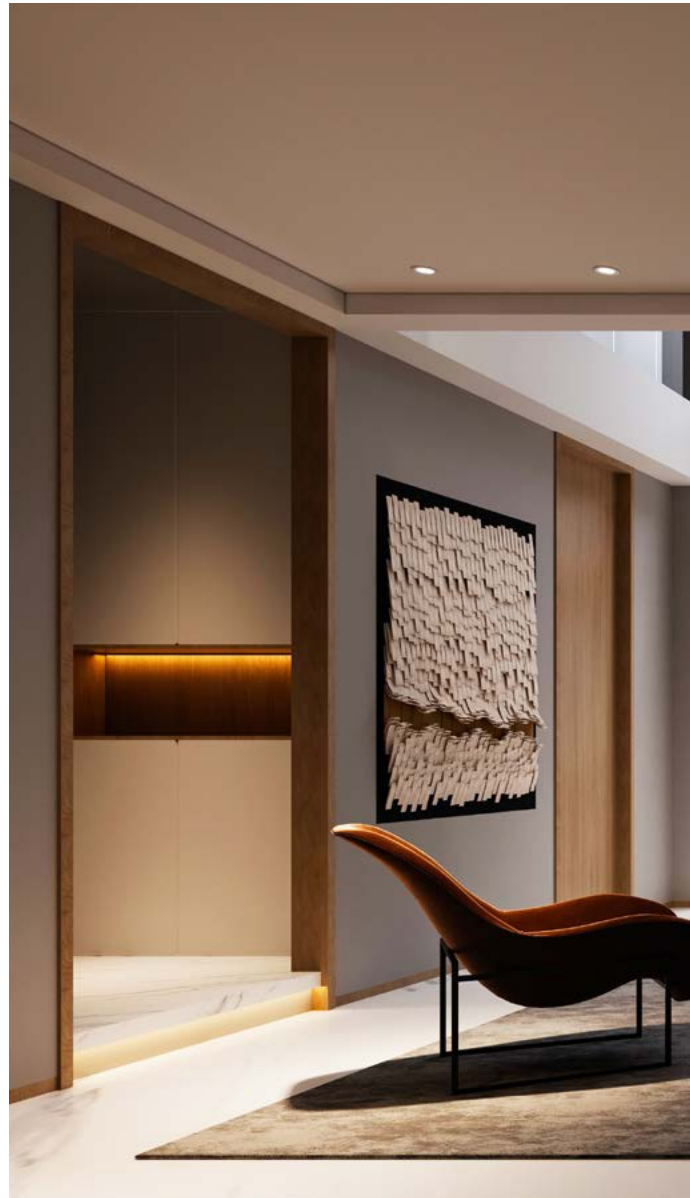
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A wide range of options for intelligent lighting control.

All the necessary components such as sensors and operating devices.

Inconspicuously integrated in the room.

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Gira presence detector  
Mini.

The inconspicuous  
presence detector  
detects movements  
across a full 360° while  
remaining barely  
perceptible in the room.





# Adjusted for atmospheric wellness.

Having your own spa is a real luxurious treat. As soon as you enter your sauna or pool area, you want to immediately feel the relaxing wellness atmosphere. This includes the right lighting mood created, for example, using intelligently controlled LED strips, discreet spots or indirectly backlit surfaces. Individually styled to suit your taste.



Highlights, facts and benefits of lighting for spa environments:

Integrate different types of lighting and light sources.

Set an individual scenario, based, for example, on time or temperature: e.g. Wednesday, 6 p.m., sauna heats up, lighting mood starts.

Gira pushbutton  
sensor 4.95.

Controls multiple  
functions including  
temperature and  
lighting. Allows you  
to control preset  
scenarios, such as  
the lighting mood  
you want.









# Light to match my circadian rhythm, the time or my daily routine.

Warm, white, bluish, intense, dimmed, focused or indirect... you can set the light sources in your house to match your circadian rhythm, thereby increasing your well-being. Whether you want brightness in the bathroom in the morning, an atmosphere for concentrating when working in your home office, a relaxing coffee break or an energising dinner with friends: with Human Centric Lighting you can individually adjust both light intensity and colour.



## Highlights, facts and benefits of Human Centric Lighting:

Integrate biologically effective Human Centric Lighting into the Smart Home.

Adjust the lighting mood according to the time of day, your circadian rhythm or personal taste.

Adjust the lighting in the room to match usage, for example in your bathroom, study, dining room, etc.

# My mood, my ambience.

Decide what mood you are in tonight and set your living room to match with pre-set scenarios, for example for relaxation or for your at-home cinema. At the touch of a button or with a simple app

command, your desired scenario will begin to take shape: the curtains close, the light dims down or changes to a specific colour tone – even the smallest atmospheric detail is considered.



Highlights, facts and benefits of setting your at-home cinema scene:

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Integrate curtain and lighting control into the KNX Smart Home.

Integrate audio, video and other electronic devices.

Programme your own scenario and launch it using the app or button.

Music control from devices from different manufacturers.

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Pushbutton  
sensor 4.95.

Switching, dimming,  
shading and ventilation  
can all be conveniently  
controlled by means  
of a group control  
option with the Gira  
pushbutton sensor 4.95,  
which can be used  
to call up and control  
pre-set scenarios.





Does my house  
offer me more  
comfort?







#### Gira G1.

Lighting, doorbell, heating, curtains and more: control your entire Smart Home with all its components via the Gira G1 touch display.



## When the lighting silently signals that someone is at the door.

Your child has fallen asleep and you have just settled in for a cosy evening when the sushi delivery driver rings the door bell. To make sure that the sound does not wake your child, you can set a silent but unmistakeable light signal using, for example, the lighting at the dining room table. With this silent door bell light, you won't miss anyone at the door – and other people in the house can continue to sleep soundly.

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⊕ Highlights, facts and benefits of the door bell light:

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Connect the door bell to the lighting control via KNX.

Programme an individual scenario – even without external help via the Gira app.

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# A lush green lawn in any weather.

A well-kept lawn needs water in the summer – in the right amount and at the right time. You do not want the sun to be shining too brightly when watering otherwise your lawn may be “scorched”. Gardeners know this – and so does your Smart Home. It identifies the weather, knows which lawn areas are sunny and which are shady and adjusts the watering accordingly.



## Highlights, facts and benefits of automated garden maintenance:

Smart device control in line with the weather – based on temperature, sun position, chance of precipitation.

Integrate lawn sprinklers, robotic lawnmowers, awning motors and other devices from various manufacturers into the KNX Smart Home.





Gira weather station.

Temperature, sun position, precipitation... the weather station uses precise data to control electronic devices in the Smart Home.

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# "Good night, house."

It's late evening, you're upstairs lying comfortably in bed. You realise the light is still on downstairs in the kitchen or remember you didn't draw the curtains in the living room. But there's no need to get back

up: simply press the button next to your bed and say "Good Night" to your house. The lighting, heating, curtains and other devices are automatically set for this. See you in the morning!

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⊕ Highlights, facts and benefits of the "Good Night" function:

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"Everything off" scenario – for example as a "Good Night" function or when leaving the house.

Can be implemented either with the Gira KNX button, Gira pushbutton sensor 4, Gira G1, Gira app or by voice control.

Panic switch: a simple touch of a button switches on the house and garden lighting and starts an installed surveillance camera.

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Gira KNX button.

The Gira KNX button switches scenarios and two to four functions such as lights, blinds and heating. Simply press a button for different lengths of time to trigger different functions or scenarios.





Gira pushbutton sensor 4.

The minimalist, elegant surface conceals smart technology that you can use to control various functions, including blinds and lights, in your Smart Home.





# Whether open or closed, get your curtains looking just right.

Lots of rooms means lots of curtains – and a lot of work to open and close them all! But not in your Smart Home. Here, you decide whether you want to shade individual rooms, different living areas or the entire house

at the touch of a button. No exertion and without forgetting a single curtain in any room. And this can also be done using time control or when you are away from home.

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## Highlights, facts and benefits of shading:

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Automatic control of curtains and blinds.

Can also be implemented with the Gira KNX button, Gira pushbutton sensor 4, Gira G1, Gira app or by voice control.

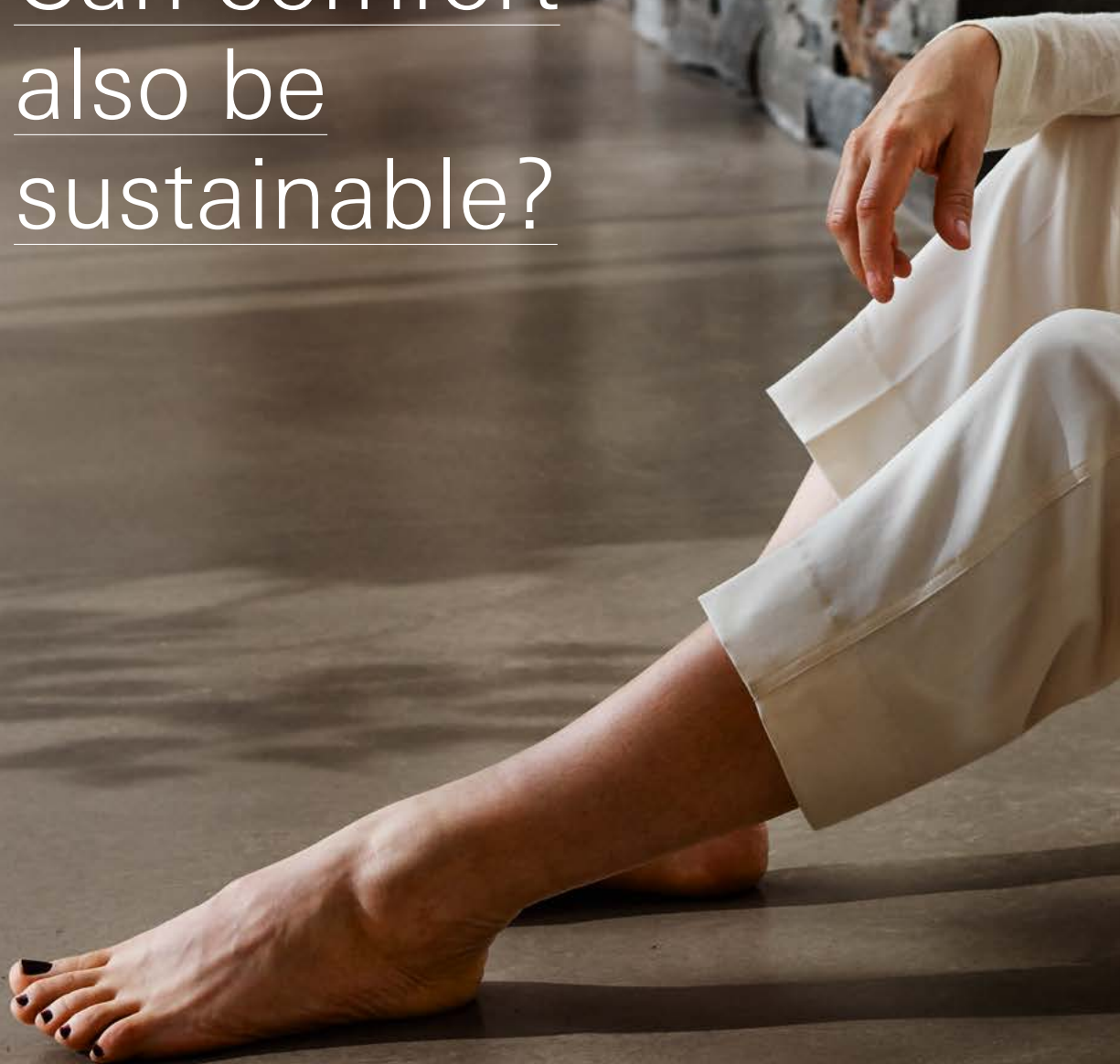
Shade individual rooms, floors or the entire house.

Control based on schedules, presence and absence, sun, light and weather.

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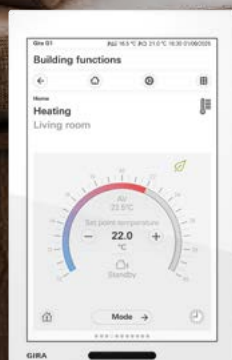


Can comfort  
also be  
sustainable?









#### Gira G1.

Room climate, lighting, blinds, weather forecasts and more: your entire Smart Home can be controlled intuitively using the Gira G1's touch display.



Highlights, facts and benefits of climate control:

Can be implemented with Gira G1, weather station with astro function and other Gira operating devices.

Individual control of the room climate (heating and cooling) with multiple heating zones per room.



# A pleasant temperature all year round.

Enjoy your ideal room climate at any time. In winter, the floor heating gets the room ready for you in the morning. When you leave the house, the heating switches off – and

starts back up just before you return. This works so efficiently that you save a lot of energy without ever having to compromise on comfort!





# Enjoy fresh air after bathing.

If the humidity increases during a hot bath, the heating needs to be turned down shortly afterwards, the window needs to be opened or the ventilation needs to be switched on. By you? No! By your Smart Home, which monitors the air quality by itself. This makes fogged-up windows and damp surfaces a thing of the past – while you can breathe freely.



## Highlights, facts and benefits of air quality:

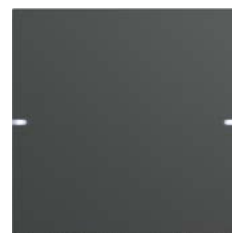
Automated air quality monitoring and control.

Ideal for moistureprone areas and conservatories.

Dew point alarm, for example for cooling ceilings and conservatories.

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Gira pushbutton  
sensor 4.95

For low humidity even during cooler seasons and avoiding unnecessary heat losses: the Gira pushbutton sensor 4.95 with integrated humidity sensor.



Energy consumption at a glance on the app.

Control your KNX Smart Home easily with the Gira app. In addition to lighting, room temperature, heating and smart household appliances, the app keeps an eye on your energy consumption. Automatic schedules and smart scenarios give you all the options for intelligent energy management in your home.







## Smart overview – down to the last kilowatt hour.

Enjoy even greater comfort at home, safe in the knowledge that you are being energy-efficient. This includes knowing what, when and how much each electrical device consumes at all times. With an app view, this is easy and convenient, and requires little effort on your part. This is what you can expect from state-of-the-art energy management.



Highlights, facts and benefits of energy management:

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Detailed consumption recording, for example via the Gira HomeServer, with display via the Gira app.

Integration of all electrical devices in your Smart Home.

Analysis of individual devices, rooms, usage times.

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Smart Home / Safety & Security



Who's keeping  
an eye on us  
and our house?





Smart Home / Safety & Security





# The key I can never forget.

It is easy to forget your front door key, but you always have your fingerprint with you – for perhaps the most intelligent way to enter your home. You can also specify which other individuals can enter your house (and when) using their fingerprint. Or how you want to be greeted when you come through the door with light, temperature and music.



## Highlights, facts and benefits of KeylessIn:

For Gira System 55, Gira System 106 and Gira TX\_44.

Keyless access can also be implemented with the Gira keypad.

Set specific access times, for gardeners or cleaners, for example.

Works as a stand-alone solution or as part of the Gira door communication.



# My light goes with me – for sure.

You should be able to go to the bathroom at night without stumbling. You know you need light along the way, but you don't want to fumble for the switch in the dark or wake others up with bright light. Your Smart Home knows this – and supports you every step of the way with low-level light through your bedroom and corridor. Or even down the stairs.



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## Highlights, facts and benefits of lighting the way ahead:

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Control different lighting solutions with  
Gira motion or presence detectors.

Combine comfort and safety in your  
Smart Home.

Simply programme the desired scenario  
using the Gira app.

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Gira motion detector.

For greater comfort and safety, especially at night, you can control your light contactlessly with the Gira motion detector. Set an individual delay time before the light switches off automatically.







## Someone at home? It certainly appears that way.

You're spending the weekend in London – but who is looking after your house? Your Smart Home signals to anyone around that there is someone at home. By day and by night. With presence simulation, lights,

curtains, music and even surveillance cameras from other manufacturers can be controlled in line with your individual specifications. The lawn sprinkler can also be activated during the day. Just as though you were actually there.



Highlights, facts and benefits of presence simulation:

Implement security concepts from different manufacturers in the KNX Smart Home.

Control and monitoring of all functions remotely via the app.

Data security via Gira S1.



Is there a  
universal  
Smart Home  
system?





# Every home – one solution.

No matter how you imagine your Smart Home, we have the right solution for you. For all your small and big wishes. All of our systems are KNX-based and can therefore be extended at a later date if your requirements change. We will work with you to find the right Smart Home system for you.

Individual smart functions can also be set up without a server via KNX operating elements.



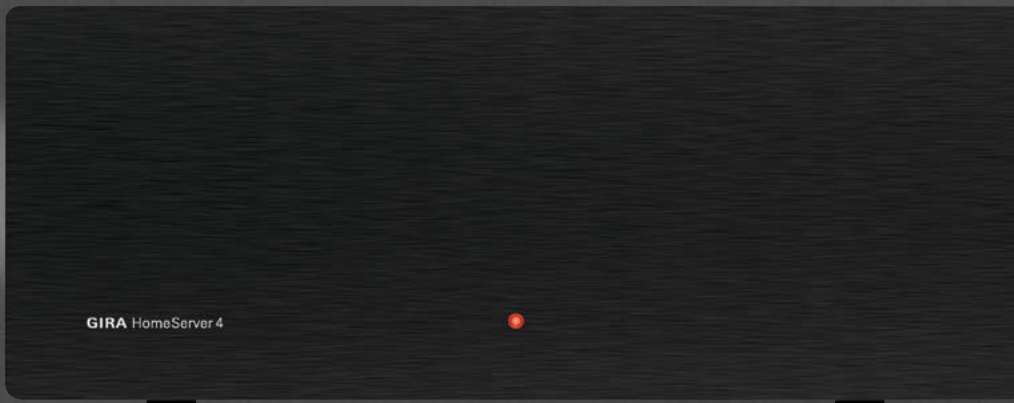
#### Gira One.

Gira One is the system for all basic functions, for example lighting control, shading and climate control in the Smart Home.



#### Gira X1.

With the Gira X1, you can implement a wide range of individual wishes.



#### Gira HomeServer.

The Gira HomeServer lets you configure your Smart Home completely freely according to your wishes.



#### KNX RF.

This wireless solution can be used for some Smart Home functions and to extend existing installations.

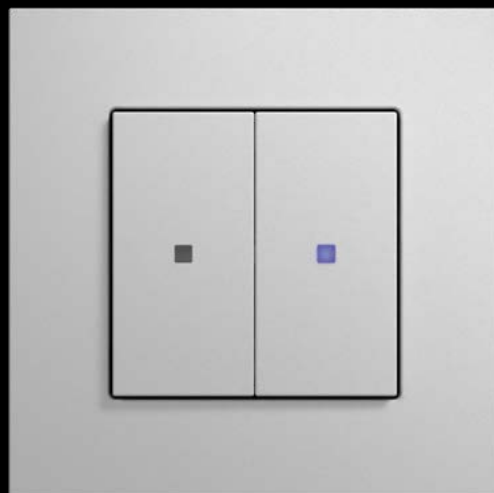




Controlling smart  
technology the  
conventional way.

The Gira KNX button with integrated temperature sensor is particularly suitable for residential and real estate properties in which a Smart Home system is to be installed and conventional

operating elements used. The KNX button is available for two to four functions, including switching and dimming lights, scene control, raising and lowering blinds, and much more.



#### Highlights, facts and benefits of the Gira KNX button:

Simple Smart Home control: for switching and controlling lights, blinds, entire scenes and more.

Protected from tampering and eavesdropping by KNX Secure.

Rockers can be inscribed with symbols

Available in a range of colours to match the Gira frame variants.

Future-proof thanks to update capability.



# Up to eight functions in the smallest of spaces.



Highlights, facts and benefits of the Gira pushbutton sensor 4:

Minimalist design with a wide range of colours and high-quality materials.

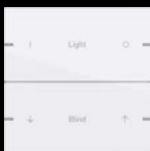
Freely assignable buttons for various Smart Home functions.

Integrated temperature and humidity sensor.

Intuitive to use.

The Gira pushbutton sensor 4 takes up much less space on the wall than conventional switch panels. It replaces up to seven operating devices, including thermostat, air conditioning unit, light switches, shading control etc., all of which may also look completely different.

With its very minimalist look, the pushbutton sensor 4 fits seamlessly into your living design. You can choose from elegant designs, colours and materials such as aluminium, stainless steel and glass to match your interior style.



The Gira pushbutton sensor 4 in 95 × 95 mm format is available with two, four or eight buttons.



The Gira pushbutton sensor 4 in 55 × 55 mm format can be inserted into a range of Gira frames to ensure a colour match.



# The Smart Home all-rounder.

The Gira G1 is the intelligent control centre for your Smart Home. It is installed like a normal switch and understands over 20 languages. The brilliant multi-touch

display allows you to conveniently control all its functions with the tap of a finger or a gesture. In this way, the control system adapts to your way of life.



GIRA



#### Highlights, facts and benefits of Gira G1:

Intuitive interface.

Controls all building technology: lighting, shading, temperature, climate, music and more.

Can also be integrated into a door communication system.

Displays current weather information and forecasts.

Also controls smart solutions from other manufacturers.



# Your house in your hands. Wherever you are.

With the Gira Smart Home app, you can conveniently control your entire home from anywhere in the world. With a smartphone or tablet, you can control lighting, room temperatures, smart household appliances and much more. You can also create schedules and scenarios in the app. Everything you need for a sense of security and comfort – wherever you are.



## Highlights, facts and benefits of the Gira Smart Home app:

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Intuitive operation of functions and scenarios.

Individual display configuration.

Encrypted, data-protected access.

Includes consumption analyses, power off, access to external cameras and motion sensors.

Push notifications for faults and other events.

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Full control of your home with the clear and intuitive Gira Smart Home app.

# Your style. Your setup.

Uniform colours and shapes of switches, socket outlets and other devices are often part of a stylish interior design. To this end, the Gira System 55 offers frames and functional inserts

in numerous modern colours, materials and shapes to match your individual interior style. This is made possible thanks to its standardised internal dimensions of 55 x 55 mm.



## Highlights, facts and benefits of the Gira System 55:

More than 300 functional inserts available.

Frames and inserts can be freely combined.

Comprehensive scope for interior design.

## Gira Esprit.

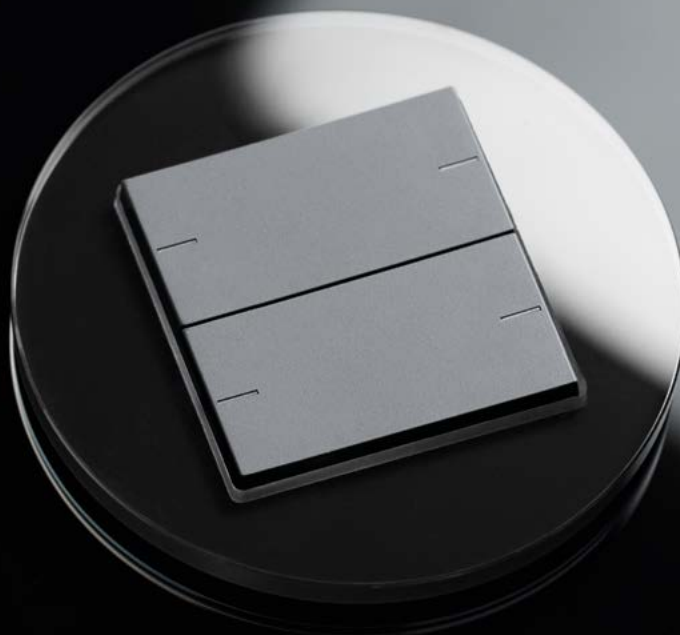
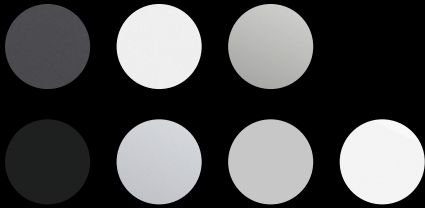
Large selection of real materials such as aluminium, stainless steel, glass or other high-quality colour variants such as bronze.





**Gira E2.**

Timeless, minimalist design that subtly integrates into any room.

**Gira Studio.**

A mix of round and angular design to accentuate modern interior design.



# Some things have to be experienced to be understood.



## Showrooms.

Experience our Smart Home solutions and versatile design in one of our showrooms near you. You will also be able to ask questions directly and receive answers from our experts.

For more information, visit [www.gira.com](http://www.gira.com)



## Inscription service.

Many Gira products can be customised using our inscription service. For example, door bell signs or pushbutton sensors can be clearly named with clean engraving.

For more info, head to [marking.gira.com](http://marking.gira.com).





Nürnberg, Germany – Architectur: Markus Gentner Architekten / © Stefan Meyer

#### References.

Your Smart Home could look and feel just like this. Be inspired by real projects – from convenient solutions that make your everyday life that little bit easier to the range of possibilities of our design diversity.

Villa Steurer  
video reference



Gira online  
magazine.

The interactive design magazine from Gira provides ideas and inspiration on the latest trends in home design, smart technology, architecture, lighting and lifestyle.

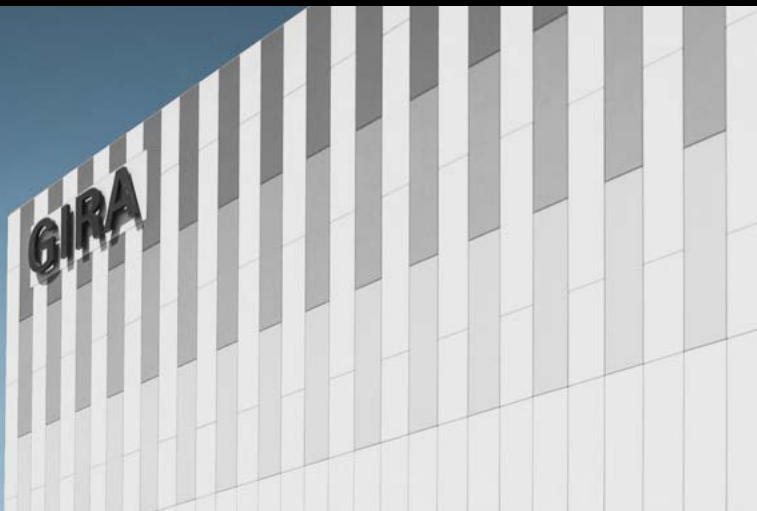
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# Being innovative means thinking beyond your own four walls.

Since 1905, we've been the ones with the switches, but we're so much more ... Because innovation is our great passion. Our pioneering spirit drives us to constantly improve and enhance the comfort of people's homes with innovative solutions.



"Made by Diversity".

Gira has been manufacturing products at its location in Radevormwald for more than 100 years. The company is fully committed to the "Made in Germany" quality standard. This is what 1,250 employees from 27 nations work for – each and every one of them with different talents, individual expertise, wide-ranging experiences and different life stories. This diversity – supported by shared values – provides the basis for our creativity, innovative strength and future viability.

Innovative technology,  
award-winning design.

We have always aspired to combine maximum functionality and reliability with a unique design to create special user experiences. The extraordinary design quality and functionality of our products have been recognised by many internationally acclaimed awards.



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