GIRA

Smart Home.
Smart Building.
Smart Life.

partner.gira.com

Smart Home made easy.

Gira / Smart Home / Gira One

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,
system experts, KNX partners,
shapers of the future, patent masters,
award winners and designers.

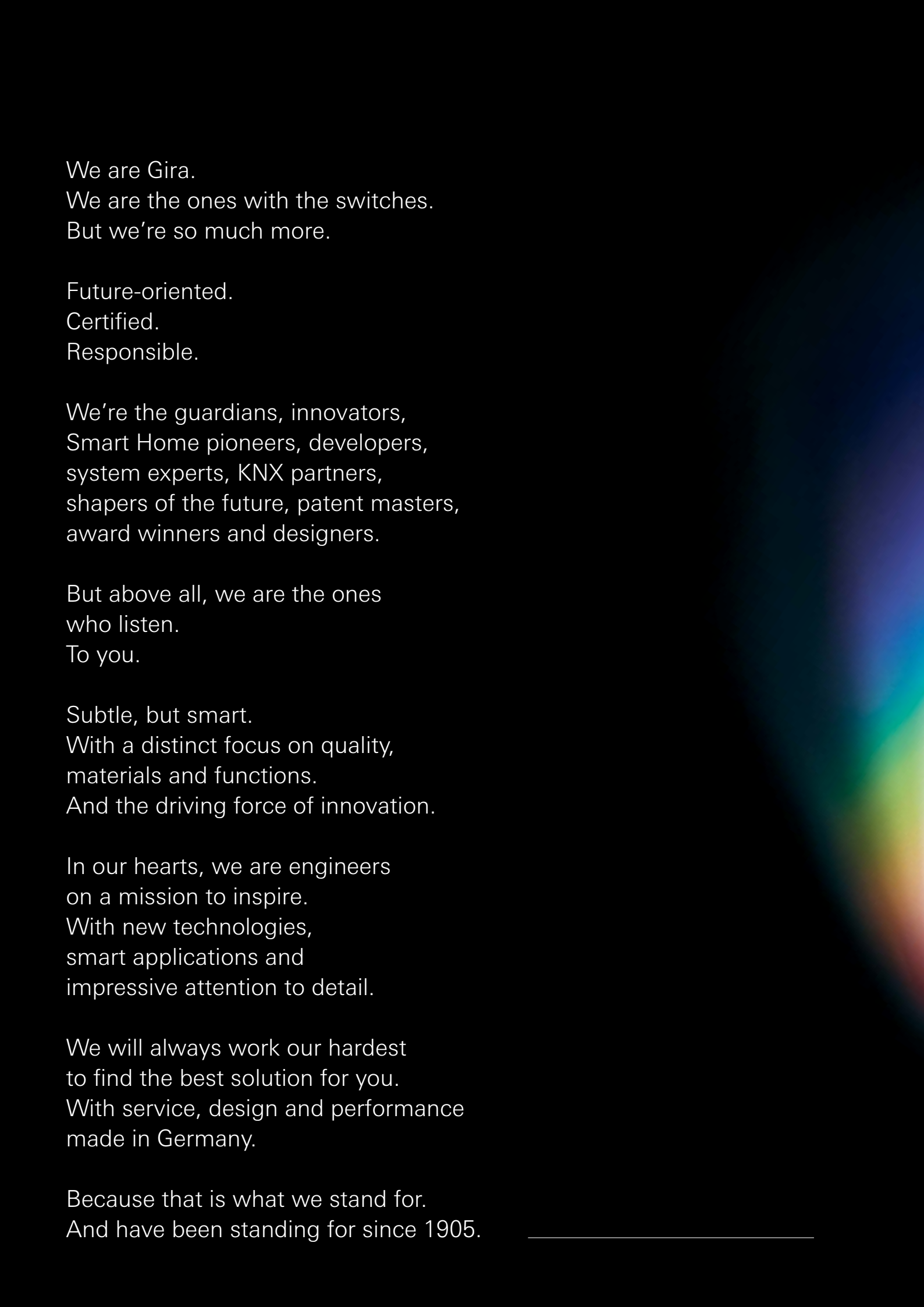
But above all, we are the ones
who listen.
To you.

Subtle, but smart.
With a 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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The easy way to a powerful Smart Home.

Smart building technology offers so much – and can also be so simple. With Gira One, it only takes a few steps to create a powerful yet easy-to-operate Smart Home. The system is based on the globally established and certified Smart Home standard KNX Secure and offers versatile automation functions that enhance living comfort, increase security and help save energy.

Security tested and certified by VDE.

VDE
03/2023
Smart Home
Information security tested
Gira One Server
www.VDEinfo.com
ID. 40056359

KNX

KNX Secure

The benefits of Gira One at a glance.

— Powerful, wired Smart Home system for all building types.

— Very simple, fast and assistance-guided start-up with no time-consuming training required.

— Intuitive operation using buttons, touch displays or the Gira Smart Home App – with extensive customisation options for users.

— Secure remote maintenance and access free of charge.

— Certified KNX Secure Smart Home standard ensures that the system is future-proof and provides protection from tampering.

Get to know Gira One in our video:

One system, a wealth of possibilities.

Gira One offers an incredible variety of functions with plenty of scope for individual preferences.

Temperature control.

— Cool and heat as needed and save energy.

— If a window remains open for a prolonged period, the room heating circuit's frost protection is activated.

— Secure, remote room temperature control using the Gira Smart Home App.

Lights.

— Set the right lighting mood for every situation.

— Easy integration of Philips Hue lighting.

— Program the lights to switch off after you're tucked up in bed.

Shading.

— Screening for greater privacy.

— Storm protection automatically prevents damage.

— Time-saving group control for added convenience.

Door communication.

— Control door communication centrally with the Gira G1.

— Operate the door station while on the move using the Gira DCS mobile App.

— Open the front door with a code or fingerprint.

Security.

— Access IP security cameras remotely.

— Switch off any unneeded consumers with a central button.

— Presence simulation to prevent burglaries.

— Activate a panic scene to drive away uninvited guests.

Remote access.

— Free-of-charge and secure remote access for end users.

— Free-of-charge and secure remote maintenance for electricians.

Sound from Sonos.

— Add Sonos sound systems yourself.

— Wake up to music and light.

— Control your favourite music with the touch of a button.

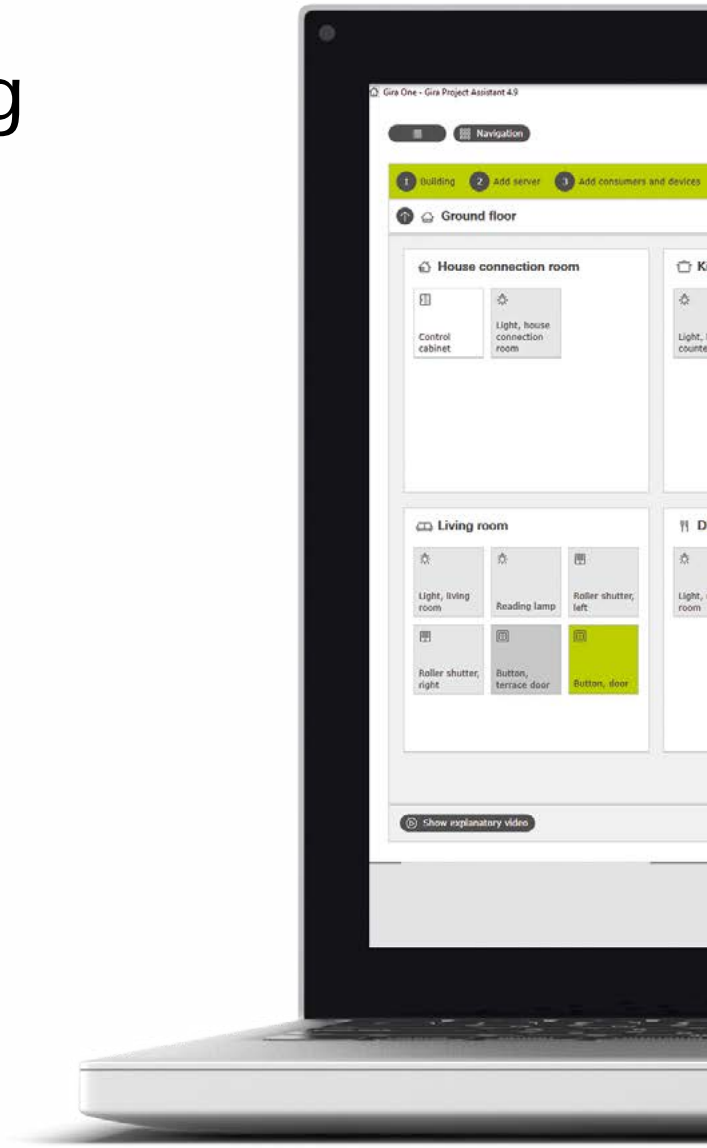
More examples on our website:

Easy and time-saving initial start-up.

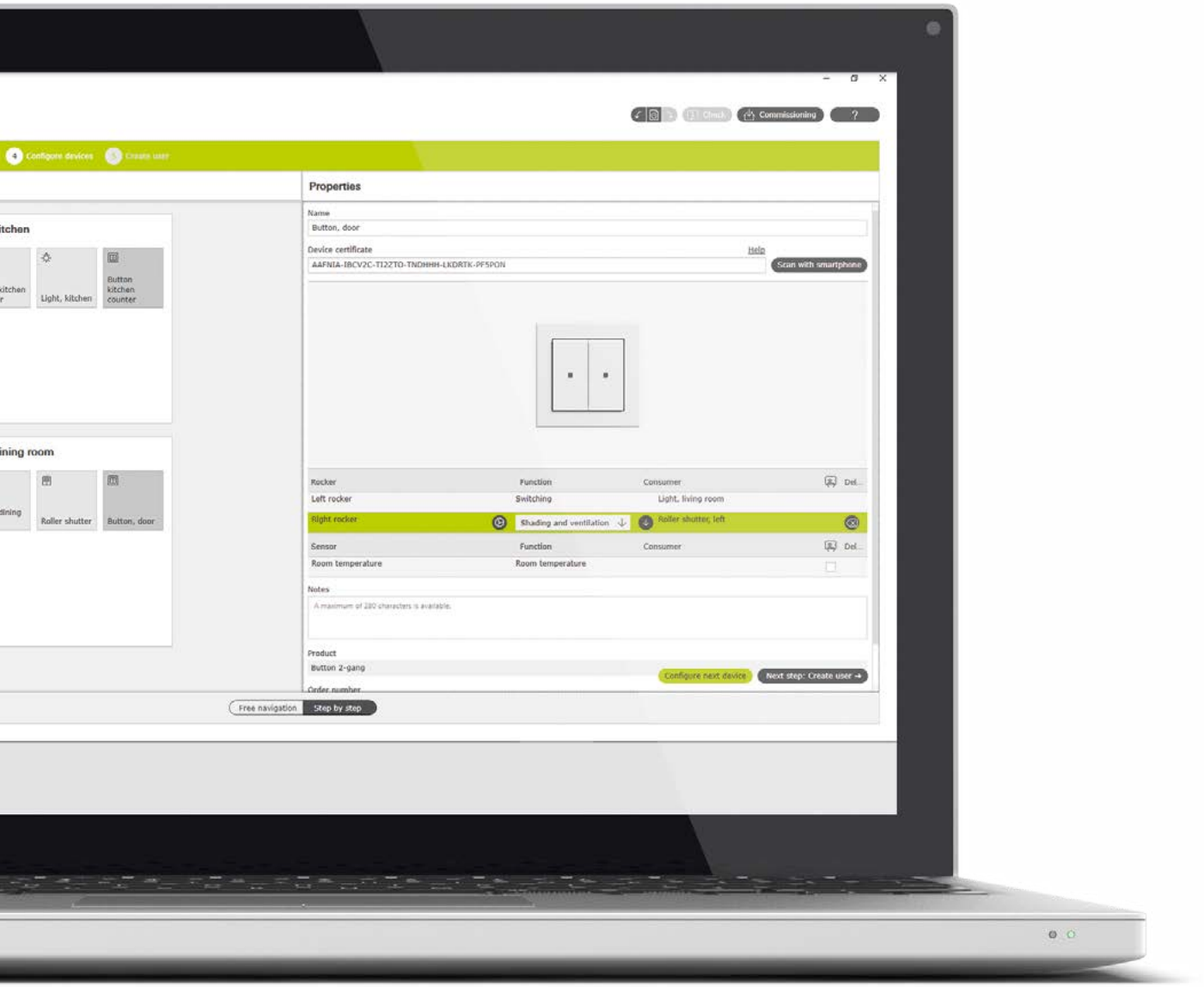
It couldn't be simpler: The free-of-charge, assistance-guided Gira Project Assistant (GPA) offers a self-explanatory start-up process for Gira One. Step-by-step instructions with integrated video tutorials mean no special or advanced training is needed. Web-based training with additional helpful tips is also available in the Gira Academy. All the devices can be visualised and configured from the comfort of your desk. The data is later transferred to the devices at the construction site at the touch of a button.

Once the system is up and running, users can customise it mostly by themselves. For more extensive work, you have secure and free-of-charge remote access to the system with the GPA, making appointments and travel unnecessary.

Gira One's simple set-up and customisation process saves a great deal of time, allowing you to handle additional jobs.



Download the free-of-charge GPA here:
partner.gira.com/en/service/software-tools/gpa.html



Find out more about the start-up process with our web-based training: academy.gira.com

Highlights, facts and benefits of Gira One:

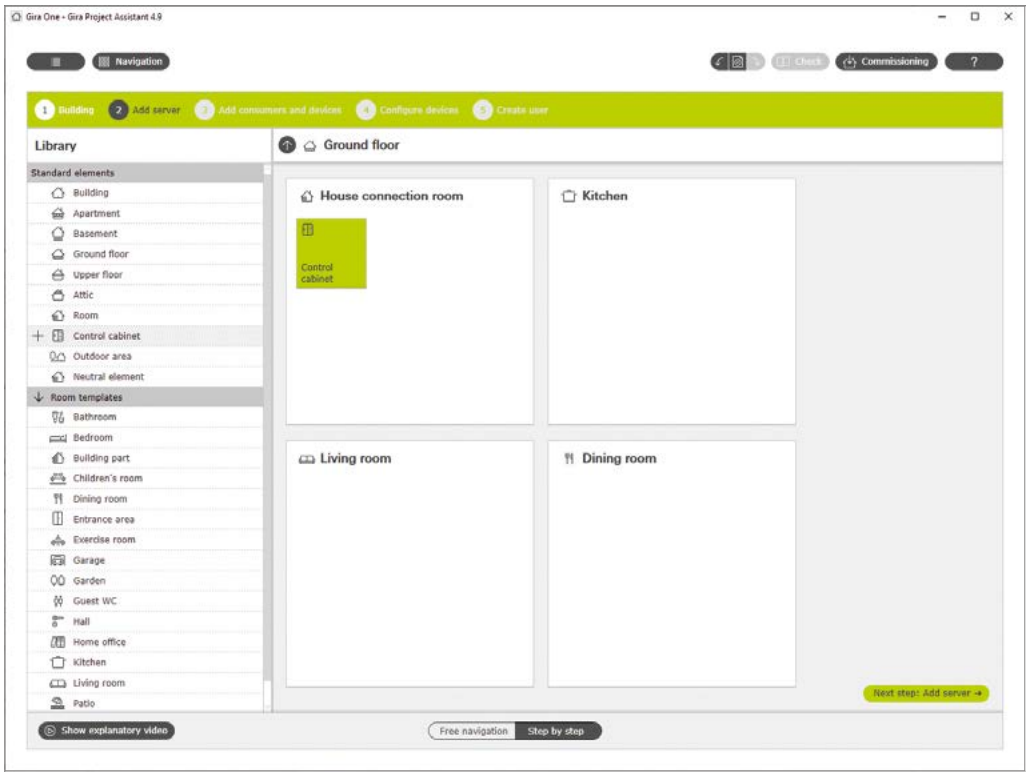
Simple, time-saving start-up with the Gira Project Assistant using integrated video tutorials.

Configuration can be carried out in the office with no actual devices present.

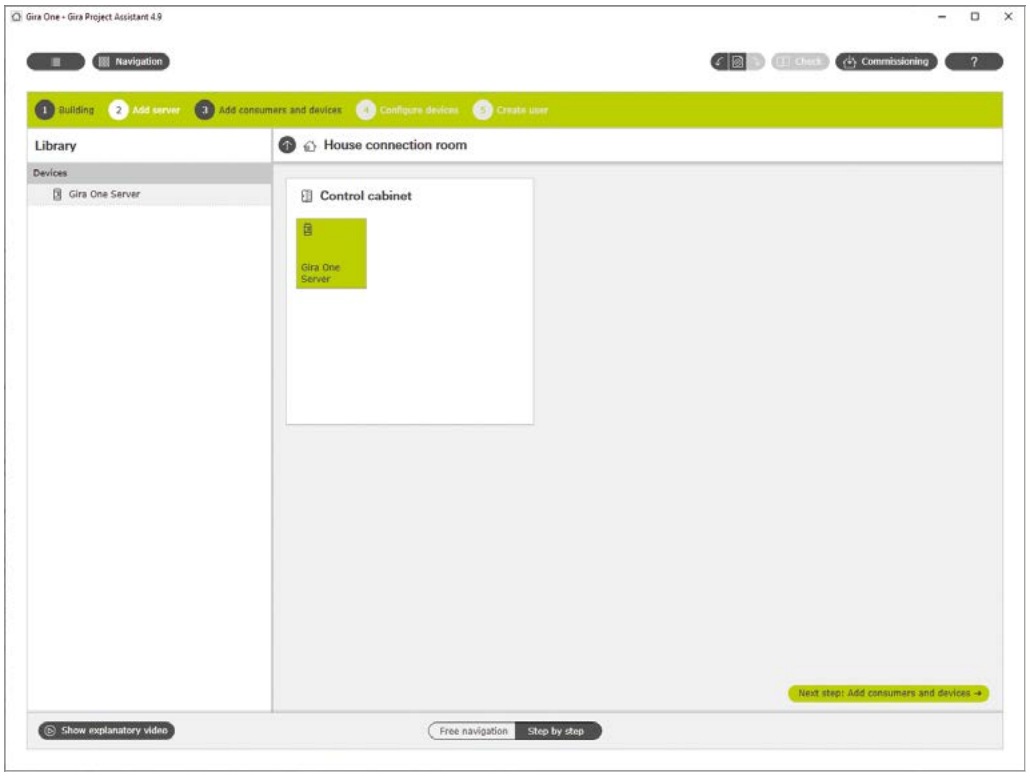
Individual customer documentation can be created at the touch of a button.

Start-up

Get the Gira One Smart Home system up and running in four easy steps.

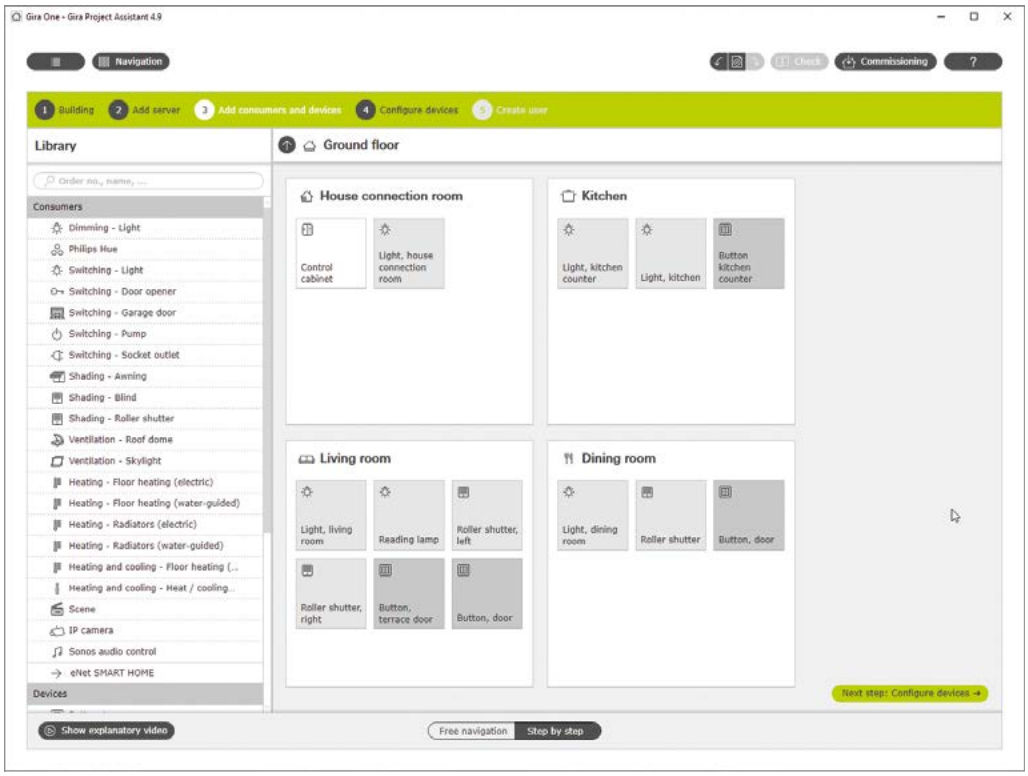


01 Create a building structure.

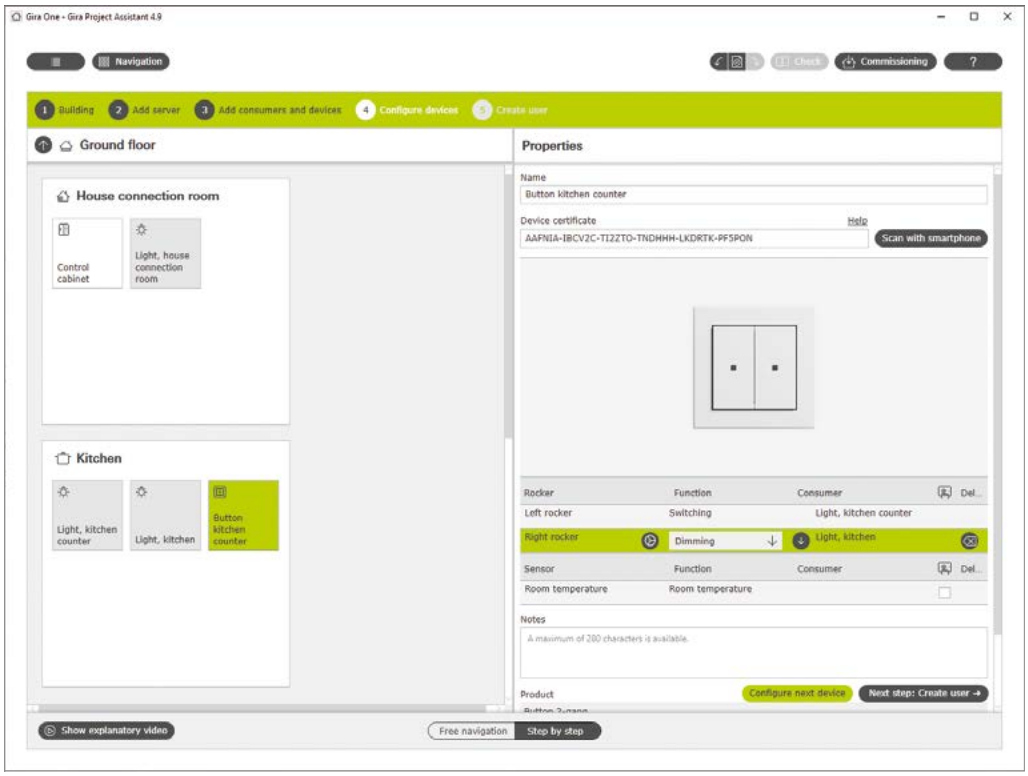


02 Assign the Gira One server to the project.

Get to know Gira One in our video:



03 Add consumers and devices.



04 Configure the devices.

Find out more about the start-up process with our web-based training: academy.gira.com

Diverse range of products for versatile use.

Besides the Gira One server, the product range includes flexible switching/blind actuators, heating actuators and dimming actuators. The Gira One Smart Home system can be controlled as desired using buttons, the multifunctional Gira G1 touch display, or the Gira Smart Home App. All Gira One system components can be updated and are therefore future-proof. Regular updates and upgrades keep Gira One products fully up to date. The product range is continuously being expanded.

You can find everything you need to know about Gira One in the system manual:

KNX Secure

Highlights, facts and benefits of the Gira One range:

High-performance product range for increased comfort and safety combined with energy savings.

Efficient planning: just one button per room can cover the main functions. This reduces installation work and costs.

Simple and secure installation: sensors, actuators and servers communicate in encrypted form using a 2-wire bus (KNX Secure).

For decentralised installation, switching, dimming and blind functions can also be installed in flush-mounted boxes.

Binary inputs in the flush-mounted actuators allow more functions to be added (see p. 18/19).

Encrypted communication through KNX Secure.

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Actuators and system devices

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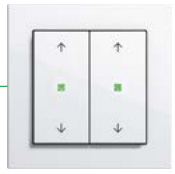
Operating devices and sensors



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2-wire bus (KNX Secure)

Network

Connection to third-party systems possible

SONOS

PHILIPS hue personal wireless lighting

eNet SMART HOME

01 Gira One server
02 Gira Project Assistant (GPA) for start-up and for secure, free-of-charge remote maintenance
03 Power supply with integrated choke
04 Heating actuator, 6-gang with controller
05 Switching/ blind actuator Standard
06 Dimming actuator, 4-gang Standard
07 Switching actuator, 1-gang 16 A with 3-gang binary input
08 Dimming actuator, 1-gang 200 W with 3-gang binary input
09 Switching actuator, 2-gang/ blind actuator, 1-gang 16 A with 3-gang binary input in installation adapter for mounting on top-hat rail
10 Button with rocker
11 Gira G1
12 Gira Smart Home App for operation and configuration – with free-of-charge remote access

Gira One server and operating elements.

More information on the Gira One server in our online catalogue: katalog.gira.de/en

Gira One server.

Highlights, facts and benefits:

Start-up and visualisation server for the Gira One system for a maximum of 200 Gira One devices.

Two modular-width design for rapid and compact installation.

Integrated diagnostic function for swift error analysis.

Sonos, Philips Hue, IP cameras (Onvif technology) and eNet SMART HOME can be easily connected.

More information on Gira G1 in our online catalogue: katalog.gira.de/en

Gira G1.

Highlights, facts and benefits:

Central control unit with clear multi-touch display for intuitive operation.

Convenient operation by tapping or swiping.

Flat, modern design in white or black.

Can be used to control the Gira One system and door communication.

More information on the button for Gira One in our online catalogue: katalog.gira.de/en

Button for Gira One.

Highlights, facts and benefits:

Switching, dimming, controlling: for versatile operation of the Gira One system.

Available in different versions (1-gang, 2-gang, printed and blank, with or without LED).

Wide range of colours, shapes and materials: available for all Gira System 55 and Gira F100 design lines.

Integrated room temperature sensor for measuring the room temperature.

More information on the Gira Smart Home App: partner.gira.com

Gira Smart Home App.

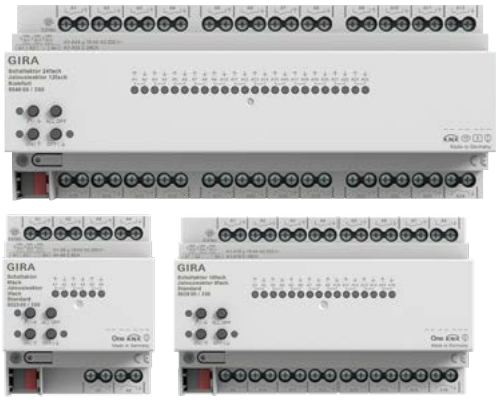
Highlights, facts and benefits:

User-friendly interface creates a visualisation of the Gira One installation and provides access to its functions.

Enables free-of-charge and secure remote access to the Gira One system.

Extensive customisation and adaptation options.

Control, regulate and automate Gira One.



More information on switching and blind actuators in our online catalogue: katalog.gira.de/en

Switching and blind actuators for Gira One.

Highlights, facts and benefits:

Switching and blind functions combined in one device for maximum flexibility.

Simplified DRA wiring concept with connection terminals on both sides of the housing.

Impressive reliability and resilience due to high-quality screw terminals and relays.

Spacious terminal compartment with high-quality terminals (up to 4 mm^2 or 2 × 2.5 mm^2).

Device electronics powered from the bus voltage for energy efficiency.

Available in 6/3-gang, 16/8-gang and 24/12-gang variants.

More information on power supply units in our online catalogue: katalog.gira.de/en

Power supply units.

Highlights, facts and benefits:

For supplying bus voltage to Gira One devices.

Available in three variants suitable for almost any project: 320 mA, 640 mA and 1280 mA.

More information on the heating actuator in our online catalogue: katalog.gira.de/en

Heating actuator 6-gang with controller for Gira One.

Highlights, facts and benefits:

Six self-contained controllers for heating and cooling mode enable efficient control.

Energy-efficient thanks to different operating modes (comfort, standby, night and frost/heat protection).

Intelligent valve flushing to prevent jammed valves.

Device electronics powered from the bus voltage for energy efficiency.

More information on the dimming actuator in our online catalogue: katalog.gira.de/en

Dimming actuator, 4-gang Standard for Gira One.

Highlights, facts and benefits:

For dimming light bulbs, high-voltage LED and halogen lamps, and low-voltage LED and halogen lamps.

Simplified DRA wiring concept with connection terminals on both sides of the housing.

Impressive reliability and resilience due to high-quality screw terminals and relays.

Spacious terminal compartment with high-quality terminals (up to 4 mm^2 or 2 × 2.5 mm^2).

Device electronics powered from the bus voltage for energy efficiency.

Even more flexibility with flush-mounted actuators.

01 Switching actuator, 1-gang 16 A with 3-gang binary input for Gira One.
02 Switching actuator, 2-gang/ blind actuator 1-gang 16 A with 3-gang binary input for Gira One.
03 Dimming actuator, 1-gang 200 W with 3-gang binary input for Gira One.

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In addition to central installation of the actuators in the control cabinet in the form of a DIN rail adapter, flush-mounted actuators with binary inputs are also available for Gira One for decentralised installation. Both installation forms can also be combined within a system. Flush-mounted installation is carried out with the usual wiring of the 230 V installation and allows existing systems to be easily retrofitted or upgraded.

Highlights, facts and benefits:

For switching and controlling consumers.

Three binary inputs for connecting conventional switches, buttons, motion and presence detectors, and contacts.

Switching contact evaluation of wind, frost, brightness or rain sensors possible with zero-voltage contacts to protect shading and ventilation devices from environmental influences.

More information on flush-mounted actuators in our online catalogue: katalog.gira.de/en

Motion-dependent light.

If you would like the basement or staircase light to be switched on whenever motion is detected, you will need a motion detector top unit and a relay switching insert in addition to the switching actuator (flush-mounted) with binary inputs.

Sun protection.

Rooms with large windows facing south often heat up a lot in the summer. This can be avoided by using brightness sensors in combination with a blind actuator (flush-mounted) to automate the shading.

Smoke alarm device.

Connecting smoke alarm devices to the Gira One system provides even more safety in addition to the acoustic signal. For example, blinds can be raised automatically and all the lights can be switched on. The installation requires a smoke alarm device to be linked to a relay module and switching actuator (flush-mounted) via a 2-wire connection.

Wind alarm.

To prevent blinds from being damaged by strong wind, they can be raised automatically. A wind sensor must be installed next to the blind actuator (flush-mounted) for this purpose.

Heating and cooling with heat pumps.

In the summer, floor heating systems can also be used for cooling, with heat pumps handling the switchover from heating to cooling. Switching actuators (flush-mounted) with binary input ensure the necessary exchange of information in the system.

Window contacts.

Window contacts can be used to detect whether windows are open or closed. The respective status can be viewed in the Gira Smart Home App and used for automation – for example lowering the heating when windows are open. A switching actuator (flush-mounted) enables the window contacts to be integrated.

More information on additional functions in our online catalogue: katalog.gira.de/en

Overview of the Gira One product range.

Gira One server

Product	Item no.
Gira One server	2039 00

Power supply units

Product	Item no.
320 mA power supply unit with integrated choke for Gira One	2122 00
640 mA power supply unit with integrated choke for Gira One	2130 00
1280 mA power supply unit with integrated choke for Gira One	2138 00

Switching/blind actuators (DRA)

Product	Item no.
Switching actuator, 6-gang 16 A / blind actuator, 3-gang 16 A Standard for Gira One and KNX	5023 00
Switching actuator, 16-gang 16 A / blind actuator, 8-gang 16 A Standard for Gira One and KNX	5028 00
Switching actuator, 24-gang 16 A / blind actuator, 12-gang 16 A Standard for Gira One and KNX	5030 00

Dimming actuator (DRA)

Product	Item no.
Dimming actuator, 4-gang Standard for Gira One and KNX / 4 × 225 W/VA	2015 00

Heating actuator (DRA)

Product	Item no.
Heating actuator, 6-gang with controller for Gira One and KNX	2139 00

Binary inputs with flush-mounted actuators

Product	Item no.
Switching actuator, 1-gang 16 A with 3-gang binary input for Gira One and KNX	5061 00
Switching actuator, 2-gang / blind actuator, 1-gang 16 A with 3-gang binary input for Gira One and KNX	5062 00
Dimming actuator, 1-gang 200 W with 3-gang binary input for Gira One and KNX	5065 00

Installation adapters for flush-mounted actuators

Product	Item no.
Installation adapter Mini housing	5429 00

Gira G1

Product	Colour	Item no.
Gira G1 PoE	Black glass	2069 05
	White glass	2069 12
Gira G1 230 V	Black glass	2067 05
	White glass	2067 12
Gira G1 24 V	Black glass	2077 05
	White glass	2077 12

Button

Product	System	Item no.
Button with rocker, 1-gang for Gira One and KNX	System 55	5171 ...
	Gira F100	5171 112
Button with rocker, 1-gang arrow symbols for Gira One and KNX	System 55	5172 ...
	Gira F100	5172 112
Button with rocker, 2-gang for Gira One and KNX	System 55	5173 ...
	Gira F100	5173 112
Button with rocker, 2-gang arrow symbols for Gira One and KNX	System 55	5174 ...
	Gira F100	5174 112
Button with rocker, 2-gang blank/arrow symbols for Gira One and KNX	System 55	5175 ...
	Gira F100	5175 112

More information on the Gira One products at: katalog.gira.de/en

Product range

Alternative rockers

Product	System	Item no.
Rocker, 1-gang blank	System 55	5372 ...
	Gira F100	5372 112
Rocker, 1-gang blank with control window	System 55	5371 ...
	Gira F100	5371 112
Rocker, 1-gang with arrow symbols	System 55	5389 ...
	Gira F100	5389 112
Rocker, 1-gang with arrow symbols and control window	System 55	5388 ...
	Gira F100	5388 112
Rocker, 2-gang blank	System 55	5370 ...
	Gira F100	5370 112
Rocker, 2-gang blank with control window	System 55	5369 ...
	Gira F100	5369 112
Rocker, 2-gang with arrow symbols	System 55	5387 ...
	Gira F100	5387 112
Rocker, 2-gang with arrow symbols and control window	System 55	5386 ...
	Gira F100	5386 112
Rocker, 2-gang audio control	System 55	5384 ...
	Gira F100	5384 112

Additional functions*

Product	System	Item no.
System 3000 zero-voltage relay switching insert		5407 00
System 3000 motion detector top unit 1.10 m Standard	System 55	5373 ...
	Gira F100	5373 112
	TX_44	5373 ..
System 3000 motion detector top unit 1.10 m Komfort BT	System 55	5374 ...
	Gira F100	5374 112
	TX_44	5374 ..
System 3000 motion detector top unit 2.20 m Standard	System 55	5375 ...
	Gira F100	5375 112
	TX_44	5375 ..
System 3000 motion detector top unit 2.20 m Komfort BT	System 55	5376 ...
	Gira F100	5376 112
	TX_44	5376 ..
System 3000 presence and motion detector 360° top unit BT		5377 02
System 3000 3-wire auxiliary insert		5409 00
Dual Q smoke alarm device		2336 02
Relay module for Dual smoke alarm device		2340 00
Wind sensor Standard		0913 00

* Can only be implemented with binary inputs

A design to suit every style.

Gira One buttons, rockers and motion detectors can be combined with the established design variants from Gira System 55. There is a choice of different colours and materials to suit every style of living.

Range of colours for buttons and rockers

Colour	Item no.	Fig.
Cream white glossy	 01	01
Pure white glossy	 03	02
Pure white matt	 27	03
Colour aluminium	 26	04
Anthracite	 28	05
Black matt	 005	06
Stainless steel	 600	07
Grey matt	 015	08

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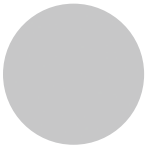
08 

Discover even more design options in our design configurator: designconfigurator.gira.com

The online catalogue. Always up to date.

Discover the complete Gira product range, from switches to intelligent system solutions. With the Gira online catalogue, you benefit from numerous features: you can compare products, use the intelligent search function, manage parts lists and use the Elbridge interface to transfer them directly to the shopping cart of many wholesalers.

All products in the online catalogue at katalog.gira.de/en

Gira Academy. So that everything goes to plan.

We offer you specialist support for all new technical features and for the whole range of Gira products. In the Gira Academy, you will find various types of seminars and training courses – both online and in person. Select the training offer that suits you best, from traditional electronics to modern Smart Home topics.

We offer customised training courses specifically for Gira One to suit your background knowledge.

Online seminars.
These are held with a direct contact person in a virtual space. Questions can be answered right away in discussions with other participants.

Web-based training courses.
Use our web-based training courses for independent learning when it's convenient for you – on a smartphone or tablet even when on the move.

You can find out more about the training courses we offer at academy.gira.com

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.

GERMAN INNOVATION AWARD '22 WINNER

DESIGN AWARD

GERMAN DESIGN AWARD WINNER 2022

ICONIC AWARDS 2022 INNOVATIVE INTERIOR best of best

ARCHITECTS' DARLING AWARDS 2021 GOLD Heinze

reddot winner 2022 best of the best

gira.com/uk/en/company#awards

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