

# GIRA

## Separate but connected. Security with the Gira F1.

Smart Home.  
Smart Building.  
Smart Life.

[partner.gira.com](http://partner.gira.com)



*iP-Address*  
*User:*  
*Password: 168eZ-mi*

## GIRA

Gira / Smart Home / **Gira F1**

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 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.

---

04	_____	Introduction
06	_____	KNX bridge functional overview
08	_____	SIP door station functional overview
10	_____	Security and start-up
14	_____	Services
16	_____	Company

---

# Data security in interconnected building networks.

The Gira F1 controls communication between the general building network and private networks and therefore improves the security of KNX systems and SIP door stations. It supports the growing need for privacy and data protection by preventing unauthorised access to sensitive data.



Scan the QR code and learn more about the Gira F1 in the explanatory video.

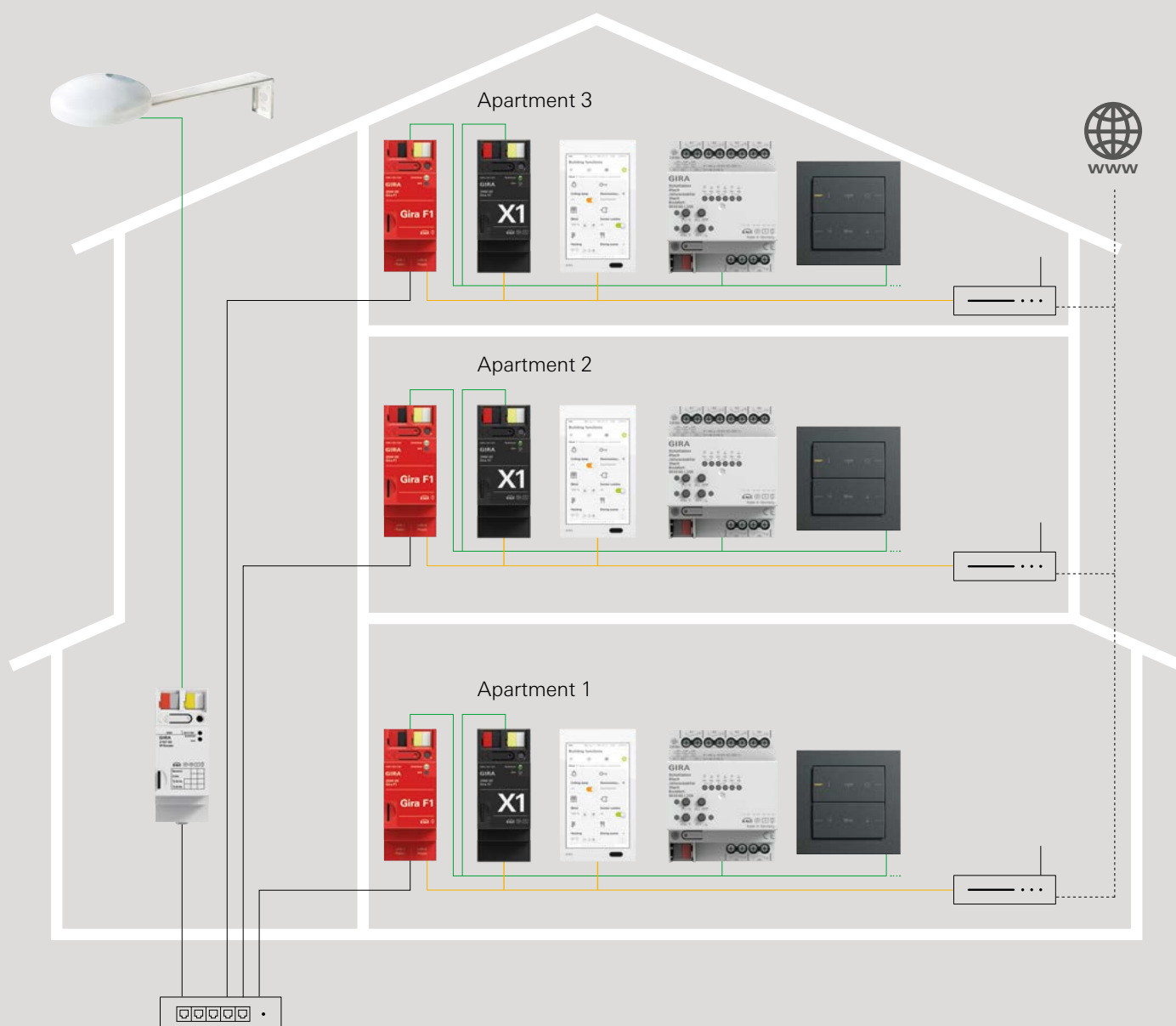




## Technical data

Order no.	2049 00
KNX medium	TP256
Rated voltage	DC 24 to 30 V
Power consumption	2 W
IP communication	Ethernet 10/100 BaseT (10/100 Mbit/s)
Connections	
IP	2 x RJ45 jacks (public/ private)
KNX	Connection and junction terminal
KNX	TP1, S mode (ETS)
Ambient temperature	0°C to +45°C
microSD card	not supported
Dimensions	
Modular widths (MW)	2

# The Gira F1 connects, filters and protects when used as a KNX bridge.



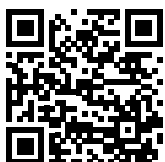
- KNX TP
- Building network
- Private network

The Gira F1 firewall module is installed in the control cabinet as part of a KNX system. Following start-up, the Gira F1 acts as a KNX bridge between several self-contained KNX systems.

Data that are only relevant to one KNX system are protected. At the same time, KNX data from a shared weather station, for example, can be used in the private KNX system in the apartment.

In addition, notifications regarding upcoming lift maintenance, package deliveries or imminent window cleaning services can be filtered and forwarded to the apartments, where they are then displayed, by the Gira X1 for example, using displays such as the Gira G1. The lift can even be called without leaving the apartment.

More information can be found by following this link: [partner.gira.com/giraf1](https://partner.gira.com/giraf1)



---

⊕ Highlights, facts and benefits of the Gira F1 as a KNX bridge:

---

Connects several self-contained KNX systems.

Forwards universally applicable notifications to all interconnected KNX systems.

Bidirectional transmission between KNX IP and KNX TP.

Group addresses already present in the Gira F1 can be changed and adapted to current projects.

In safe hands with KNX Secure.

Start-up via ETS.

---

# Communicate securely with the Gira F1 for SIP door stations

Larger door communication systems use network-based SIP communication to connect users, enabling them to communicate not only within an individual apartment but also across the building network. The Gira F1 ensures secure separation between the building network and private networks.

The module forwards only essential video door calls from the door station to the home station within the private network. All other access points and IP connections remain blocked, which prevents unauthorised access and reliably protects the residents' private networks.

More information can be found by following this link:  
[partner.gira.com/giraf1-sip](https://partner.gira.com/giraf1-sip)



---

⊕ Highlights, facts and benefits of the Gira F1 for SIP door stations:

---

Secures sensitive data through targeted network separation.

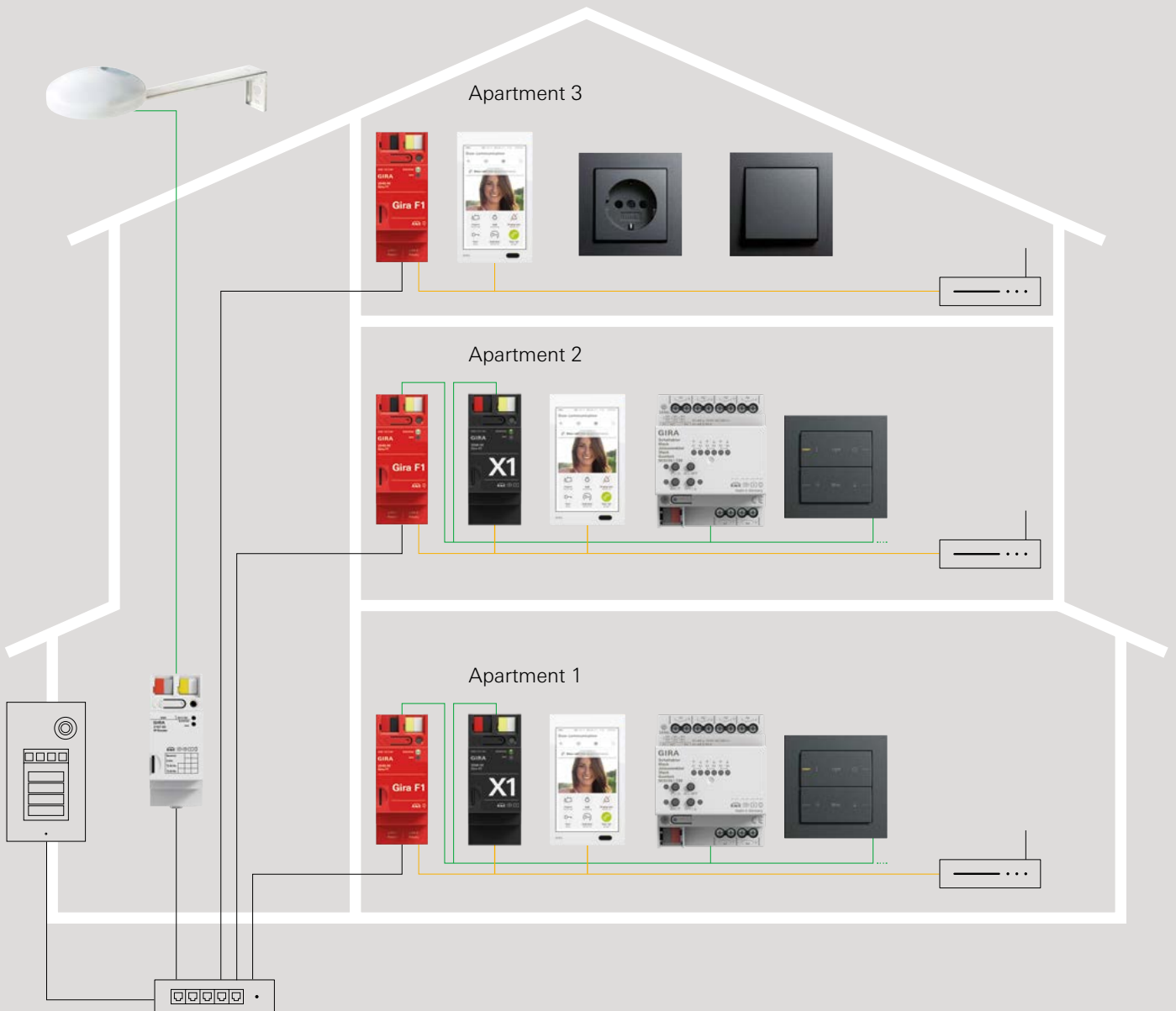
Protects private networks from unauthorised access.

Supports SIP and SIPS.

Easy start-up via Internet browser.

---



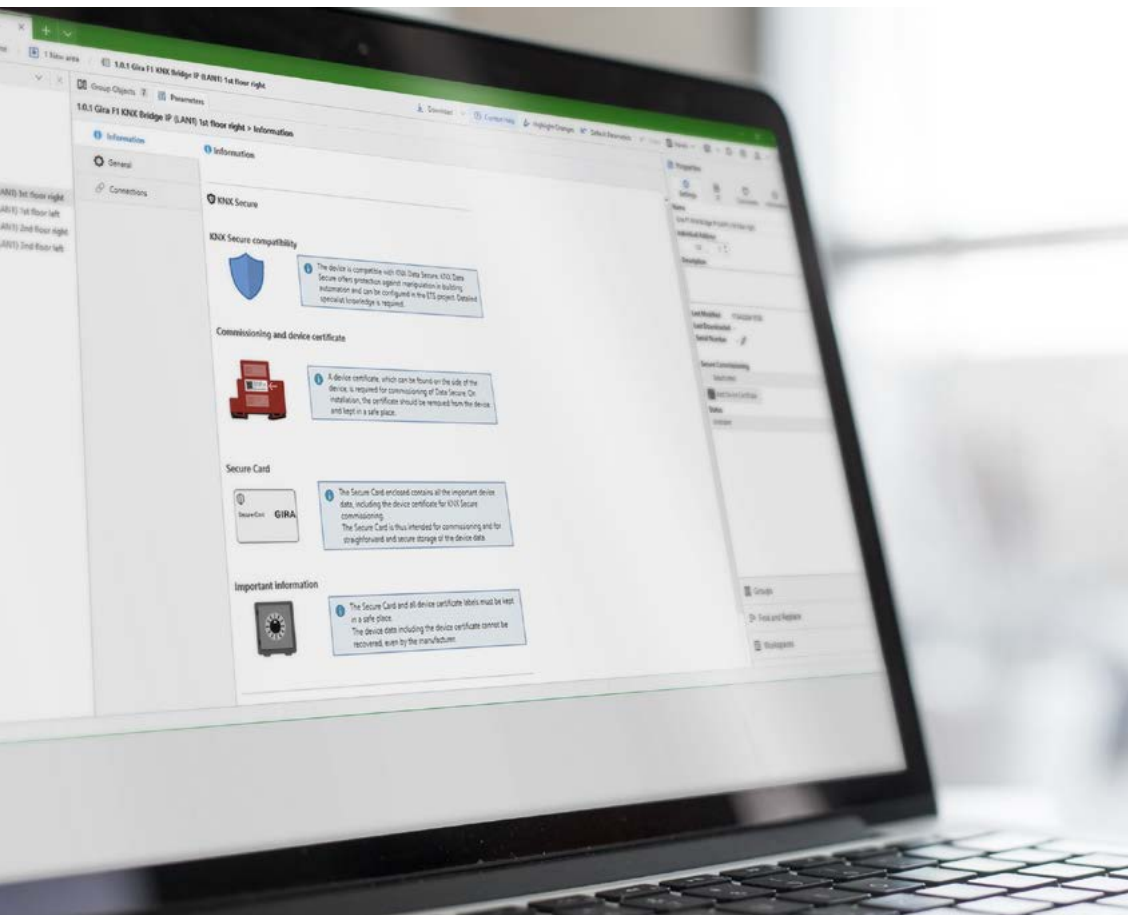


- KNX TP
- Building network
- Private network

# Security begins at start-up with the Gira F1.

## Start-up via ETS or Internet browser.

The start-up process followed depends on how the Gira F1 is used; if it is used as a KNX bridge, start-up takes place via ETS, whereas if it is used in an SIP door station, start-up takes place via a browser application. Only basic knowledge of network technology is required.



Compatible with  
KNX Secure.

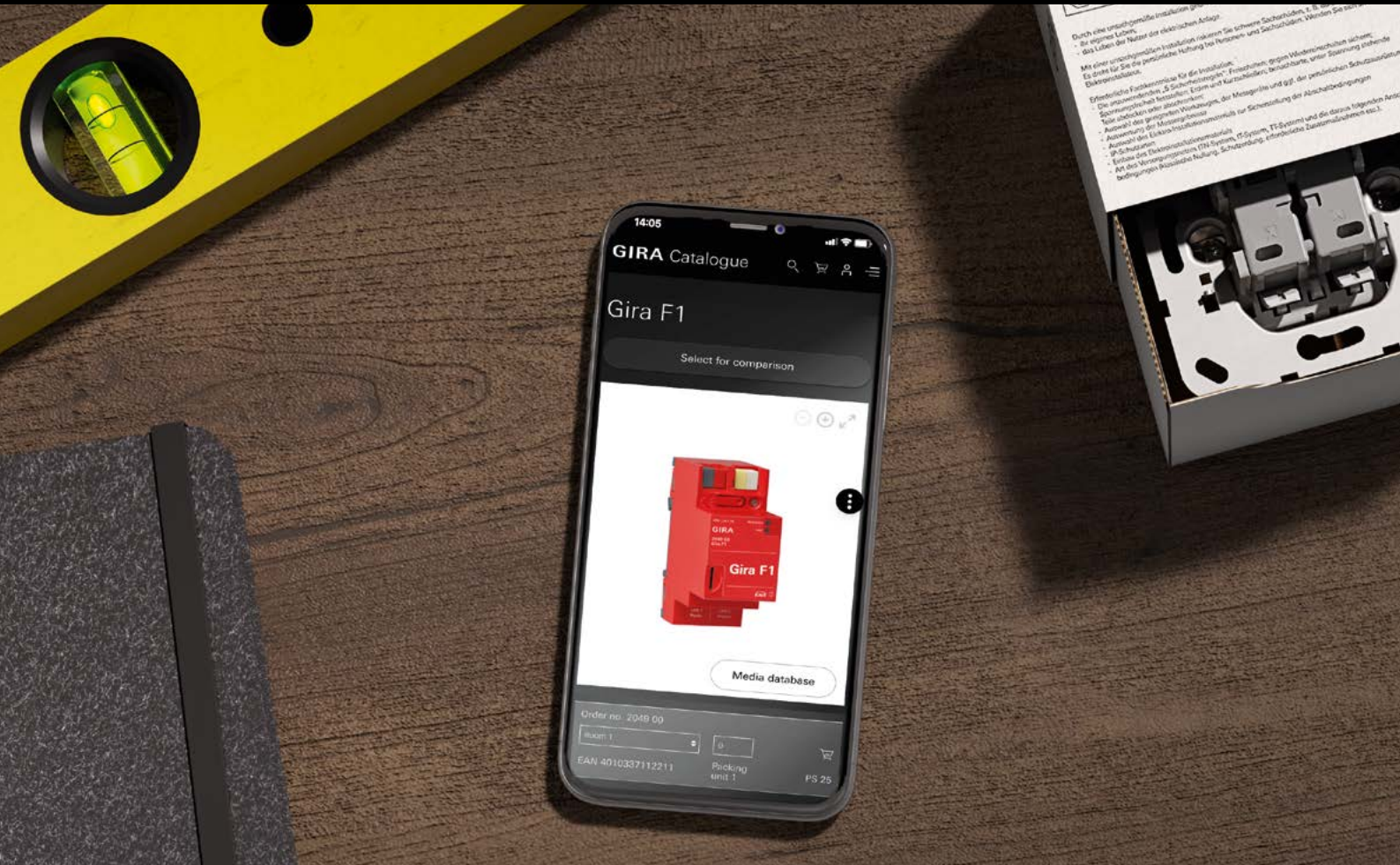


## KNX Secure.

The Gira F1 meets the KNX Secure standard, the world's first manufacturer- and application-independent security standard for smart buildings. This gives electricians and users confidence that the KNX installation is optimally protected. KNX Secure devices are protected against unauthorised access by third parties, which makes it virtually impossible to manipulate the device configuration, for example.

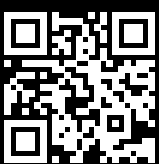
Find out more  
about start-up at  
[academy.gira.com](https://academy.gira.com)





## The online catalogue: always up-to-date.

Discover the complete Gira product range from switches to intelligent system solutions. The Gira online catalogue offers you a host of useful features: you can compare products, use the intelligent search function, manage parts lists and transfer them directly to your shopping cart at many wholesalers via the Elbridge interface.



# The Gira Academy: making that everything goes to plan.

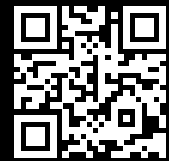
We offer specialist support for all new technical features and for the whole range of Gira products. In the Gira Academy, you will find various types of seminars and training courses – both online and in person. Select the training offer that suits you best, from traditional electronics to modern Smart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

## 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 – even via a smartphone or tablet when on the move.

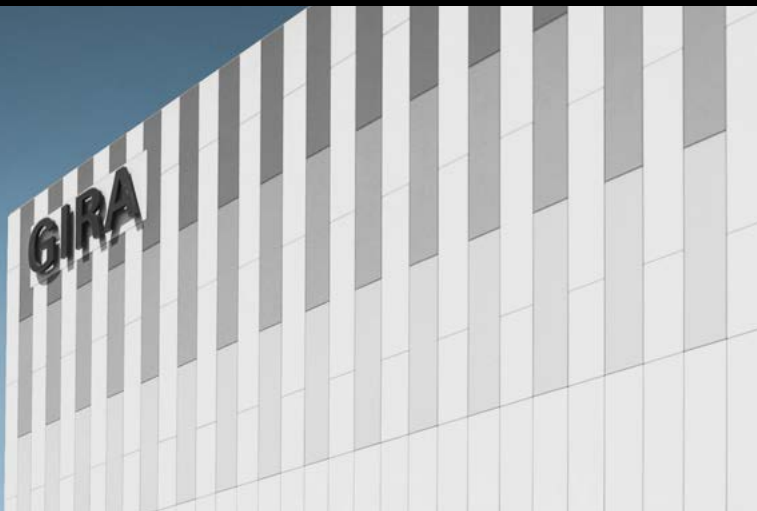


You can find out more about the training courses we offer at [academy.gira.com](http://academy.gira.com)



# Being innovative means thinking beyond your own four walls.

Since 1905, we have been the ones with the switches, but also 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 at its site 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, a wide range of experience and different life stories. This diversity – supported by common values – is the basis for our creativity, innovative strength and readiness for the future.

Innovative technology, award-winning design.

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



red dot winner 2023

Published by:  
Gira Giersiepen GmbH & Co. KG

Picture credits:

Icons: Title page, p. 06, 09  
schmitz Visuelle Kommunikation  
hgschmitz.de

Interface design: Title page, p. 06, 09  
schmitz Visuelle Kommunikation  
hgschmitz.de

Graphics in this brochure show basic combinations and do not claim to be technically exhaustive. Products may be shown with special inscription. Subject to technical changes.

Shaping the future also means doing everything possible to protect the environment in which we want to live in the future. Gira supports the concept of sustainability and is therefore only making this brochure available in a digital format. For the sake of the environment, we ask that you refrain from printing it out.

[sustainability.gira.com](https://sustainability.gira.com)

---

# GIRA

Gira  
Giersiepen GmbH & Co. KG

Dahlienstraße  
42477 Radevormwald

P.O. Box 12 20  
42461 Radevormwald  
Germany

Phone +49 2195 602-0  
Fax +49 2195 602-119

[www.gira.com](http://www.gira.com)  
[info@gira.com](mailto:info@gira.com)

---