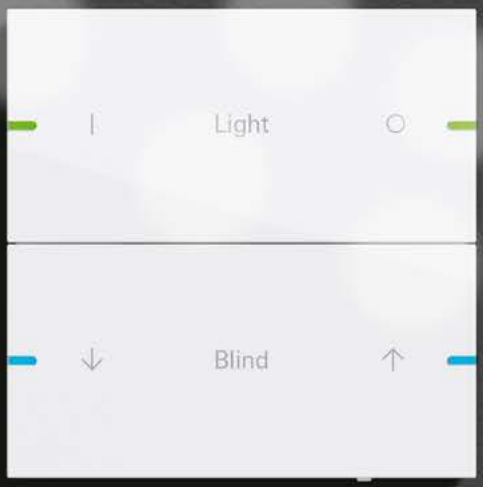
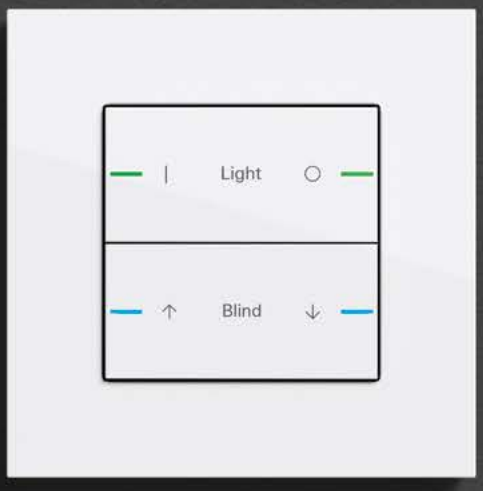
GIRA

Smart Home.
Smart Building.
Smart Life.

partner.gira.com

Switching to comfort, the intuitive art.





Gira / Smart Home / Gira pushbutton sensor 4

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.

04 Introduction

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This is how good intelligence can look.

The Gira pushbutton sensor 4 and the Gira pushbutton sensor 4 System 55 allow you to control lights, blinds, entertainment, and more with just one touch. The individually configurable switches for the KNX Smart Home can be used in a variety of ways and set modern accents in the interior.

01
Gira pushbutton sensor 4

02
Gira pushbutton sensor 4 System 55

01
Winning features of the Gira pushbutton sensor 4 include its clear, minimalist design, high-quality material selection, and numerous application options. In a 95 × 95 mm format, it offers up to eight individually variable function keys and thanks to the 3 mm thick material overlay, the rockers are pleasant to the touch.

02
The Gira pushbutton sensor 4 System 55 can be combined with the numerous design lines in the Gira System 55 to create a uniform appearance in the living environment. It is available with two, four or six freely assignable buttons.

Downlights
Wall lamp
Blind
Living
Entrance

Light
Blind

The perfect balance between form and function is a beautiful thing.

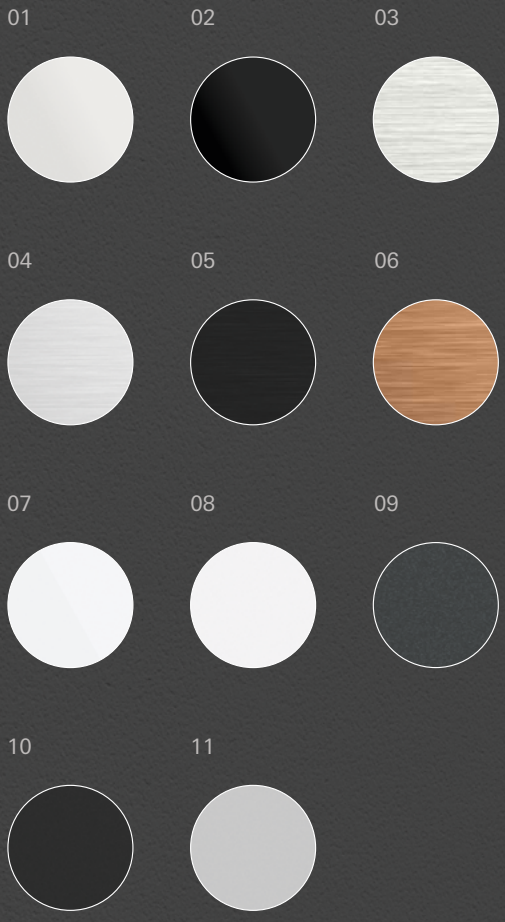
The modern, minimalist design of the Gira pushbutton sensor 4 aesthetically reflects the technical requirements of a Smart Home.

Using smart technology in a multifunctional and exciting way.

When it comes to operating modern KNX technology, the Gira pushbutton sensor 4 features high-quality design, real materials, convenient features, and is pleasant to the touch. With bronze (PVD)-coated stainless steel and lacquered aluminium versions in pure white glossy and silk matt, anthracite, black matt and grey matt, you can choose from a range of different colours. Integrated temperature sensors ensure energy-efficient room temperature control.

More information:
partner.gira.com/ts4

Compatible with
KNX Secure.



Materials (suitable for Gira Esprit frames):

01 White glass
02 Black glass
03 Stainless steel
04 Aluminium
05 Black aluminium
06 Bronze

Colours (suitable for Gira Esprit frames):

07 Pure white glossy (lacquered)
08 Pure white matt (lacquered)
09 Anthracite (lacquered)
10 Black matt (lacquered)
11 Grey matt (lacquered)

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

Large operating surfaces and excellent touch and feel.

Large range of materials and colours.

Integrated temperature sensor/humidity sensor.

Can be updated.

Available in neutral (no inscription) or with laser inscription (exception: white glass).

Design aesthetics in many versions.

Gira pushbutton sensor 4 suitable for Gira Esprit.

The modern, linear Gira Esprit design line and the Gira pushbutton sensor 4 do not just have the same simple design, but also identical outer dimensions of 95 × 95 mm. Perfect harmony. Both products are available in white glass, black glass, stainless steel, aluminium, black aluminium, and bronze.

01 Gira pushbutton sensor 4 aluminium bronze
02 Gira pushbutton sensor 4 stainless steel
03 Gira pushbutton sensor 4 white glass
04 Gira Esprit aluminium bronze
05 Gira Esprit stainless steel
06 Gira Esprit white glass

01

02

03

04

05

06

Laser inscription (optional).

01 With symbols
02 With text
03 With individual logo

01

02

03

04

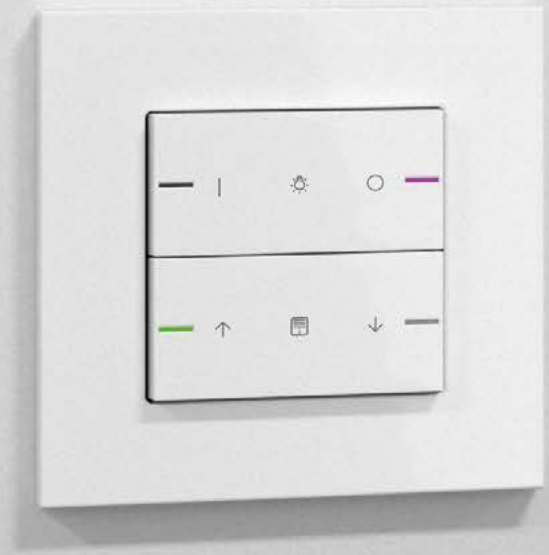
05

06

Rocker versions.

04 1-gang rocker
05 2-gang rocker
06 4-gang rocker

Versatile Smart Home operation.



The multifunctional buttons of the Gira pushbutton sensor 4 System 55 are made of durable materials, come in a wide range of colours, and are very pleasant to the touch – meeting all quality and design requirements.

Harmonious and versatile combinations.

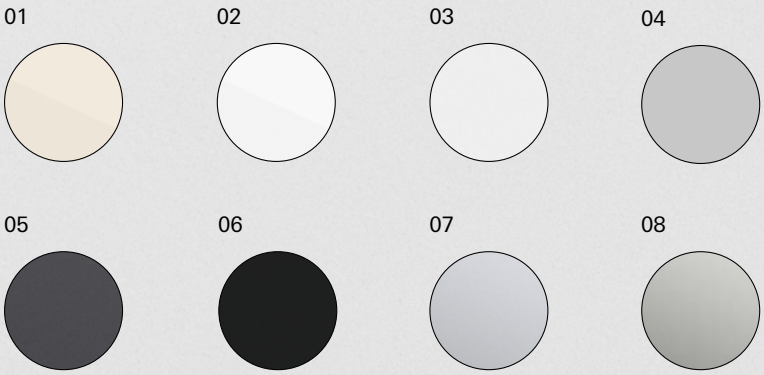
More information:
partner.gira.com/
ts4-system55

Security tested and certified by VDE.

VDE
01/2022
Information security tested
Smart Home and Building
KNX Data Security
www.VDEinfo.com
ID. 40055180

The Gira pushbutton sensor 4 System 55 is a version of the Gira pushbutton sensor 4. The multi-functional operating element offers two, four or six individually assignable buttons for controlling lights, blinds, room temperature, scenes, and more in the Smart Home.

Unlike the Gira pushbutton sensor 4, it can be combined with the design lines in the Gira System 55. The pushbutton sensor is equipped with an integrated temperature sensor. The comfort version also features a calibrated humidity sensor.



Colour versions:

01 Cream white glossy
02 Pure white glossy
03 Pure white matt
04 Grey matt
05 Anthracite
06 Black matt
07 Colour aluminium
08 Stainless steel

Highlights, facts and benefits of the Gira pushbutton sensor 4 System 55:

Multifunctional button for controlling numerous Smart Home functions.

Two, four or six freely assignable buttons.

Rockers can be rotated by 90° and so set exactly as you want them for even greater versatility.

Neutral (no inscription), or available with laser inscription or with an inscription label.

Multi-coloured status and operating LEDs for individual configuration.

Can be updated.

Compatible with KNX Secure.

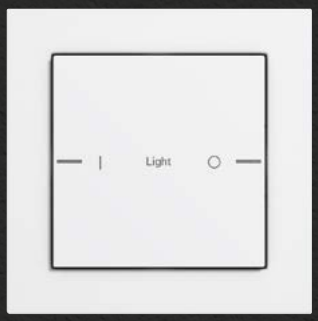
Style in many facets.

The new Gira pushbutton sensor 4 System 55 ensures a uniform, rounded installation design in the interior – especially if Gira products are already installed or planned in the building.

Whether round or square, the pushbutton sensor can be combined with all design lines in the Gira System 55 and come in a wide range of colours and materials.

01 Gira E2 pure white glossy
02 Gira Studio white glass
03 Gira Event clear white
04 Gira Esprit white glass
05 Gira E3 pure white glossy
06 Gira Standard 55 pure white glossy

01



02

03

04

05

06

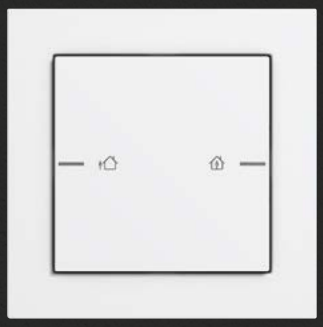
They give you direction.

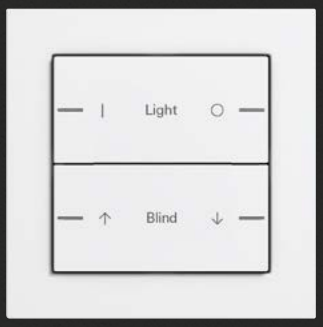
The buttons are inscribable for improved orientation. The rockers, which can be rotated by 90°, offer even more versatility and design options.

Inscription versions.

01 With laser inscription
02 By Inscription Service Provider

01



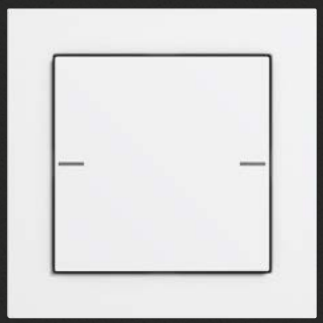


02

Rocker versions.

03 1-gang rocker
04 2-gang rocker
05 3-gang rocker

03



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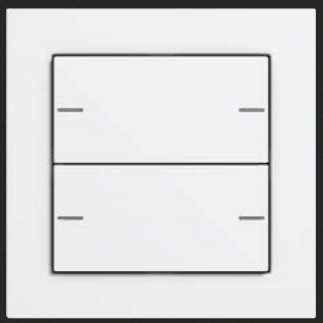
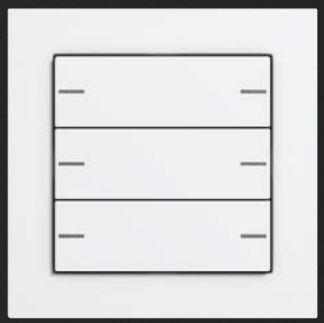


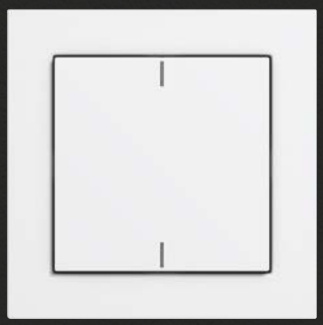
05



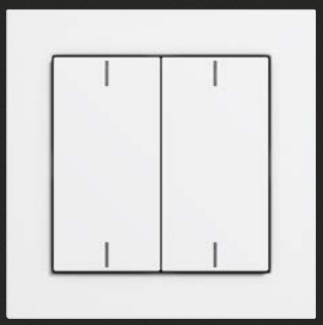
Vertical versions.

06 1-gang rocker
07 2-gang rocker
08 3-gang rocker

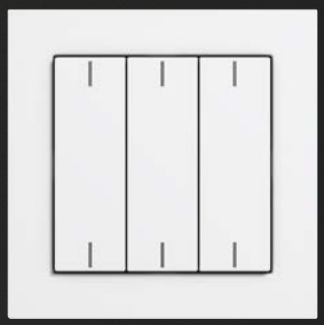
06

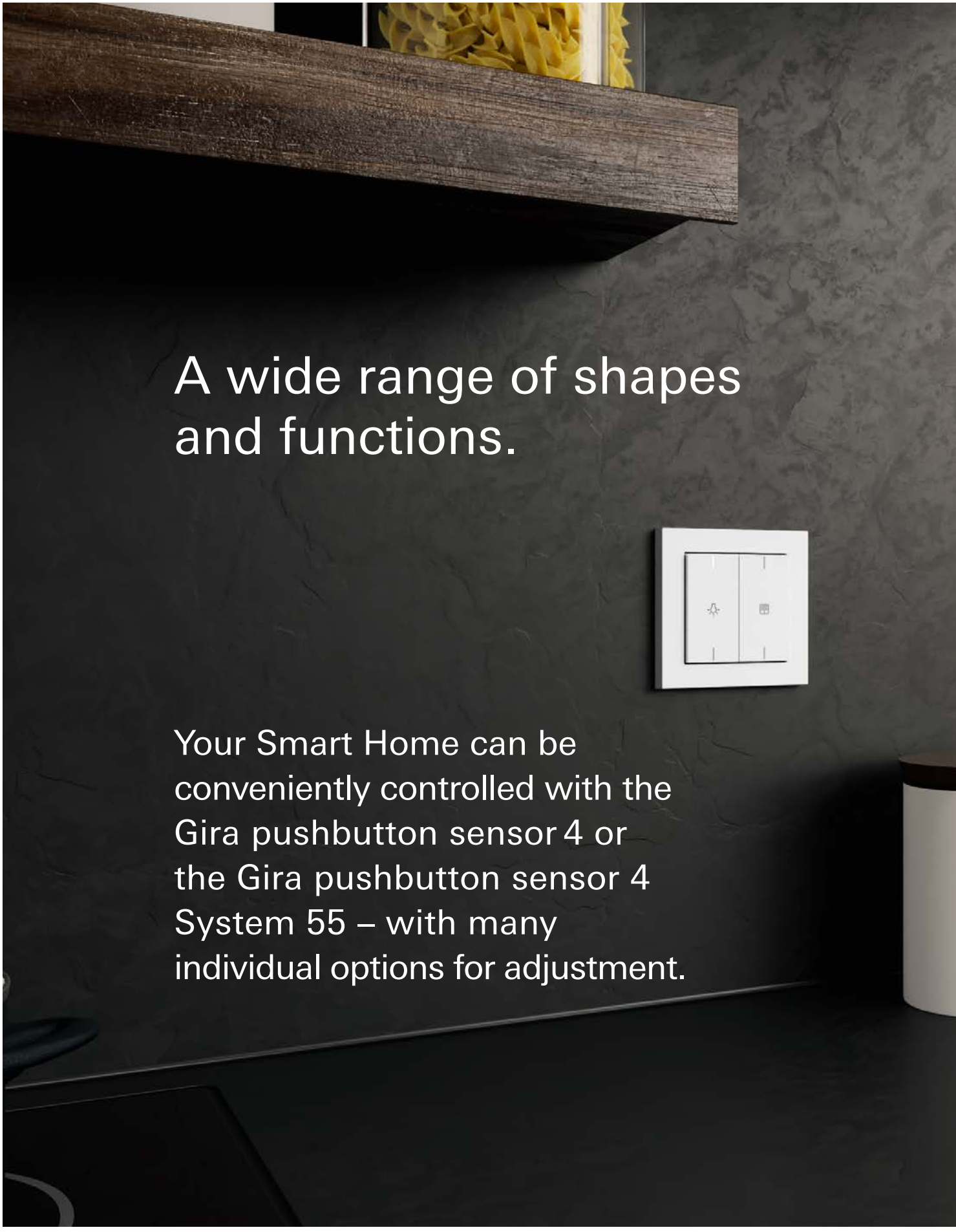


07



08

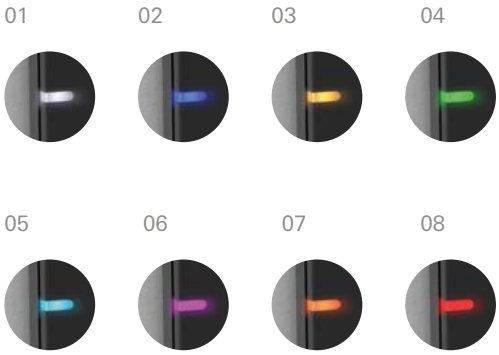




A wide range of shapes and functions.

Your Smart Home can be conveniently controlled with the Gira pushbutton sensor 4 or the Gira pushbutton sensor 4 System 55 – with many individual options for adjustment.

Versatile.
Because your needs can change.



You can choose between a total of eight LED colours:

01 White
02 Blue
03 Yellow
04 Green
05 Cyan
06 Violet
07 Orange
08 Red

With both the Gira pushbutton sensor 4 and the Gira pushbutton sensor 4 System 55, the buttons can be configured as desired for the various applications during start-up. Depending on the setting, they can be operated on the left and right. The LEDs provide clear operating and status information and they also help to provide orientation and make operation easier in the dark. Both pushbutton sensors offer a choice of eight RGB colours in the comfort version, and three in the standard version.

In order to reduce the brightness in bedrooms or nurseries, the LEDs can simply be switched from day to night mode.

The Gira pushbutton sensor 4 and the Gira pushbutton sensor 4 System 55 are extremely versatile and adapt to personal requirements. If a different function or LED colour is required for a button, the assignment can be easily reprogrammed at any time.

Functions & Technology

For rooms where everything is just right.

Heat rooms efficiently and pleasantly. This aspect of the Smart Home can also be controlled via the Gira pushbutton sensor 4 and the Gira pushbutton sensor 4 System 55 when they are networked with other components of the KNX system.

The pushbutton sensors have integrated, calibrated temperature sensors to measure the local temperature precisely. In the comfort version, the Gira pushbutton sensor 4 and the Gira pushbutton sensor 4 System 55 are also equipped with a humidity sensor. In addition, an external temperature sensor can be connected for room temperature control, for example, for measuring the floor temperature.

Create more clarity.

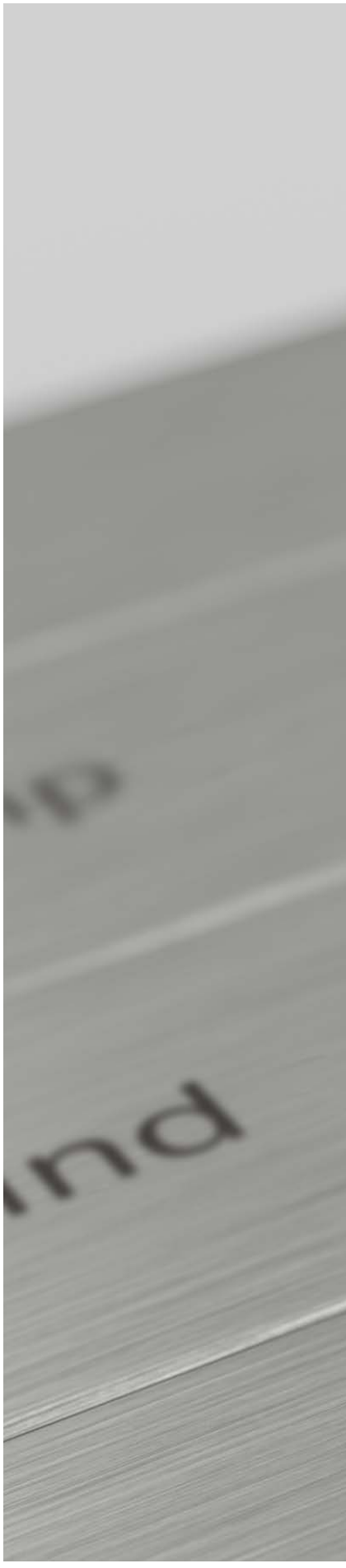
Each button of the Gira pushbutton sensor 4 and the Gira pushbutton sensor 4 System 55 can be inscribed individually, so that all functions can be quickly identified and clearly displayed.

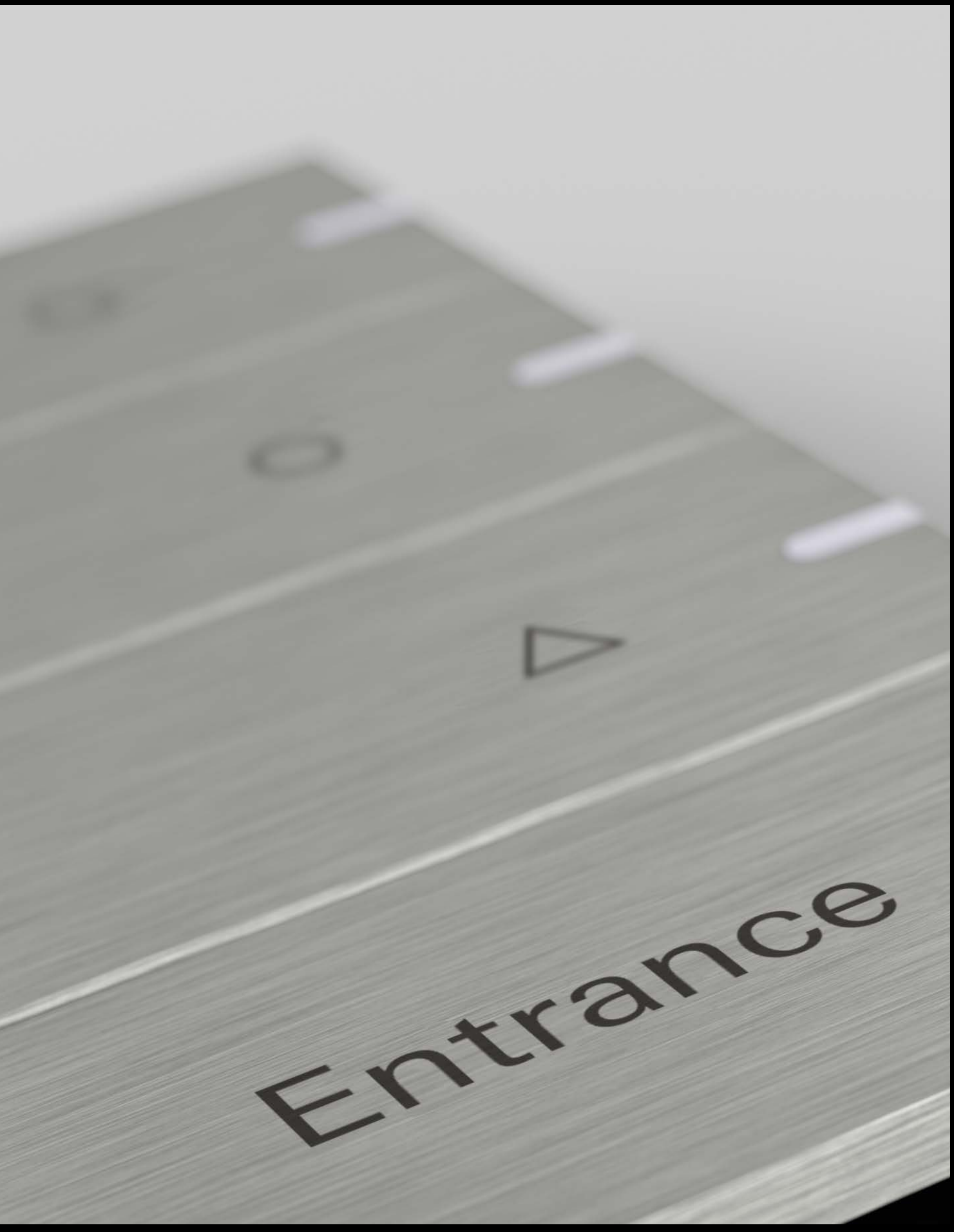
These inscriptions are done by the Gira inscription service, which uses laser technology to apply the inscriptions to the material precisely and permanently.

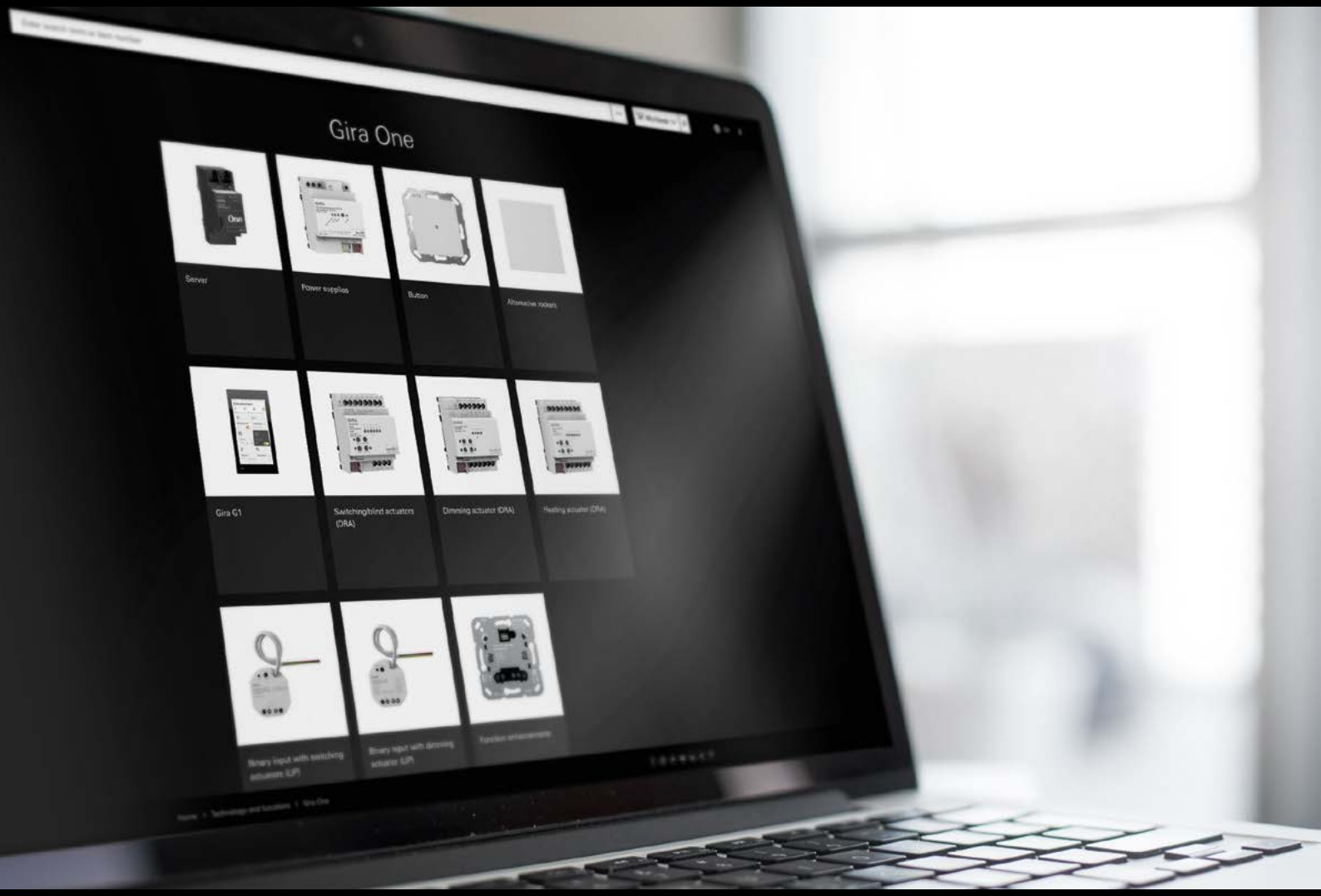
If you want to personalise your design, you can choose from various different fonts and symbols after registering free of charge.

Please note that, for technical reasons, we are unable to offer laser inscriptions for the white glass version of the Gira pushbutton sensor 4.

For further information, please see marking.gira.com




Entrance



The online catalogue. Always up-to-date.

Discover the complete Gira range, from switches to intelligent system solutions. With the Gira online catalogue, you benefit from numerous features: among other things, you can compare products and parts lists, use the intelligent search function, and much more.

catalogue.gira.com

References.

Discover our architectural references, which present a selection of forward-thinking, innovative, and smart projects. Get inspired by how Gira products complete the interior.

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Showrooms.

This is where the brand comes to life: you can see, touch and try out our products in a variety of Gira showrooms:

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Gira Academy.

At the Gira Academy, we are there to support you in your professional training. Build a broad-based professional network for the trade, planning, and architecture sectors.

academy.gira.com

Doesn’t long-term climate protection need short-term goals?

We are doing our bit to achieve the 1.5°C target. We therefore continuously measure and reduce our CO_2 emissions. Our climate journey is an integral part of our corporate strategy.

Proven quality that ensures durability and sustainability.
Gira's mechanical products are developed with a useful life of at least 20 years. Our proven quality requirements go above and beyond norms and standards.

Sustainable design lines.
With the Gira Esprit Linoleum-Multiplex, we are reducing CO_2 emissions by approx. 75 %[1] by using natural materials. Gira E2 colour aluminium is made from our own recycled material and reduces CO_2 emissions by approx. 69 %[1].

Recycling materials in our own plastics manufacturing plant.
We are reducing production waste to a minimum using state-of-the-art tools. We convert any waste produced into fully reusable regranulate[2] and feed this back into the production process for suitable product ranges.

We are conserving our resources.
The new Gira packaging design is around 30 % smaller and uses over 60 % less material. In addition, we are avoiding plastic and using fully recyclable FSC certified recycled paper.

[1] Compared to an E2 1-gang pure white glossy reference frame. Results per LCA in accordance with ISO 14040 (in critical review).

[2] In the standard regranulation process, the regranulate can only be used as an approx. 15% admixture that is added to the primary granulate.

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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www.sustainability.gira.com

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