GIRA

Gira System 3000 Lighting and Blind Control

Company
We take responsibility for the future

Family-run since 1905

Right from the beginning, Gira and the Giersiepen founding family felt an obligation to actively take responsibility for shaping the future, through thoughts and actions. Sustainable conduct and business practices are the key – to the benefit of the environment, people and the economy. This is true to Gira's heart and expresses the inner attitude of the company and of its employees. And it is an ongoing task to which everyone at Gira is devoted, each and every day. This pronounced willingness to take responsibility stems from a company culture and values that have developed over the course of 113 years and that count on commitment, predictability, mutual respect and partnership in the company's interaction with market partners and employees.

Thinking and acting sustainably

This is also the starting point for Gira's sustainability strategy. The objective of the strategy is to shape all processes and the organisation, so that they fulfil economic, environmental and social priorities – inside and outside of our own factory. Accordingly, Gira invests in the continuous improvement of its environmental footprint and in the responsible handling of resources. And in the development of products and solutions that are particularly environmentally friendly throughout their entire life cycle. Material recycling in plastic production, a range of switches made from natural, environmentally-compatible yet durable materials, fundamental optimisation of energy efficiency of products and buildings, active health management for the employees – Gira has already achieved a lot on the way to reaching the targets that it has set itself.

Future technology "Made in Germany"

Gira's repeated success on the market with pioneering achievements, innovative solutions and exciting applications is due at least in part to the extraordinary technological know-how and inventive spirit of its employees. More than 130 engineers in a range of disciplines from software specialists to mechanical engineers ensure a high level of innovation in product development and manufacturing. Gira products and solutions stand for the extremely high quality requirements associated with the label “Made in Germany”: German engineering skills and excellent workmanship. Accordingly, Gira products win over users with their high manufacturing quality, their reliability, safety and durability. As well as their timeless aesthetic appeal and elegance.

Award-winning design

From the beginning, Gira has not only attached particular importance to ensuring the highest levels of functionality and reliability for the products, but also invests in giving them pleasing, trend-setting designs. However, Gira does not view having “well-formed” products and solutions as an end in itself. Instead the form is developed from the interaction of design, function, technical innovation and emotion.
The numerous prestigious international awards received by Gira products and solutions – such as the “iF Award“, the “Red Dot Award“ and the “German Design Award“ – are testaments to the exceptional design quality. And the ability to make design and function simply come alive.

Fig. above:
Gira production facility
in Radevormwald

Member of the KNX Association and CEDIA

As a member of the KNX Association and CEDIA, Gira ensures that its products and solutions meet international standards that are not tied to a particular manufacturer.

Experiencing Gira live

In the Gira studios, the interaction of home entertainment and intelligent building technology can be experienced live. Experts such as system integrators and audio specialists collaborate to present the latest innovations in building technology and multimedia with integrated functionalities.

In the other showrooms, there is an application-oriented presentation of Gira products in combination with technology for other fields including sanitary, heating, air conditioning or ventilation applications. The products are also presented integrated in diverse living spaces, for example in upscale furniture stores.

You can find Gira showrooms in your area here:
www.gira.com/showrooms

Lighting and blind control made easy

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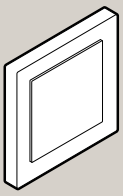
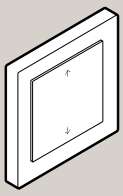
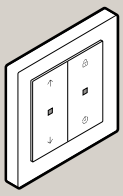
The Gira System 3000 offers maximum flexibility and optimum convenience for advanced lighting and blind control: With five different operating top units, which can be universally used both for lights and blinds, this offers easy operation and a functional and aesthetically pleasing solution for every desired level of comfort. The top units are distinguished by their intuitive operation. Even the simplest operating top units store an individual intermediate position. The functions of the Memory and Display devices range from simple time control to comprehensive control options with the blind timer and timer Bluetooth. Simple settings are made directly on the device without any tools, while comprehensive programming is carried out easily and conveniently with the Gira app using a smartphone or tablet. The motion detectors for automatic lighting control can also be operated in the same way in the System 3000.



Operating top unit

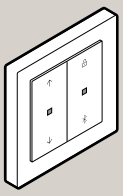


Operating top unit arrow symbols

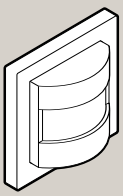


Operating top unit Memory

Blind timer and timer Display



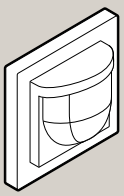
Blind timer and timer Bluetooth



Motion detector 1.10 m Standard

Motion detector 1.10 m Komfort Bluetooth

Motion detector 2.20 m Standard

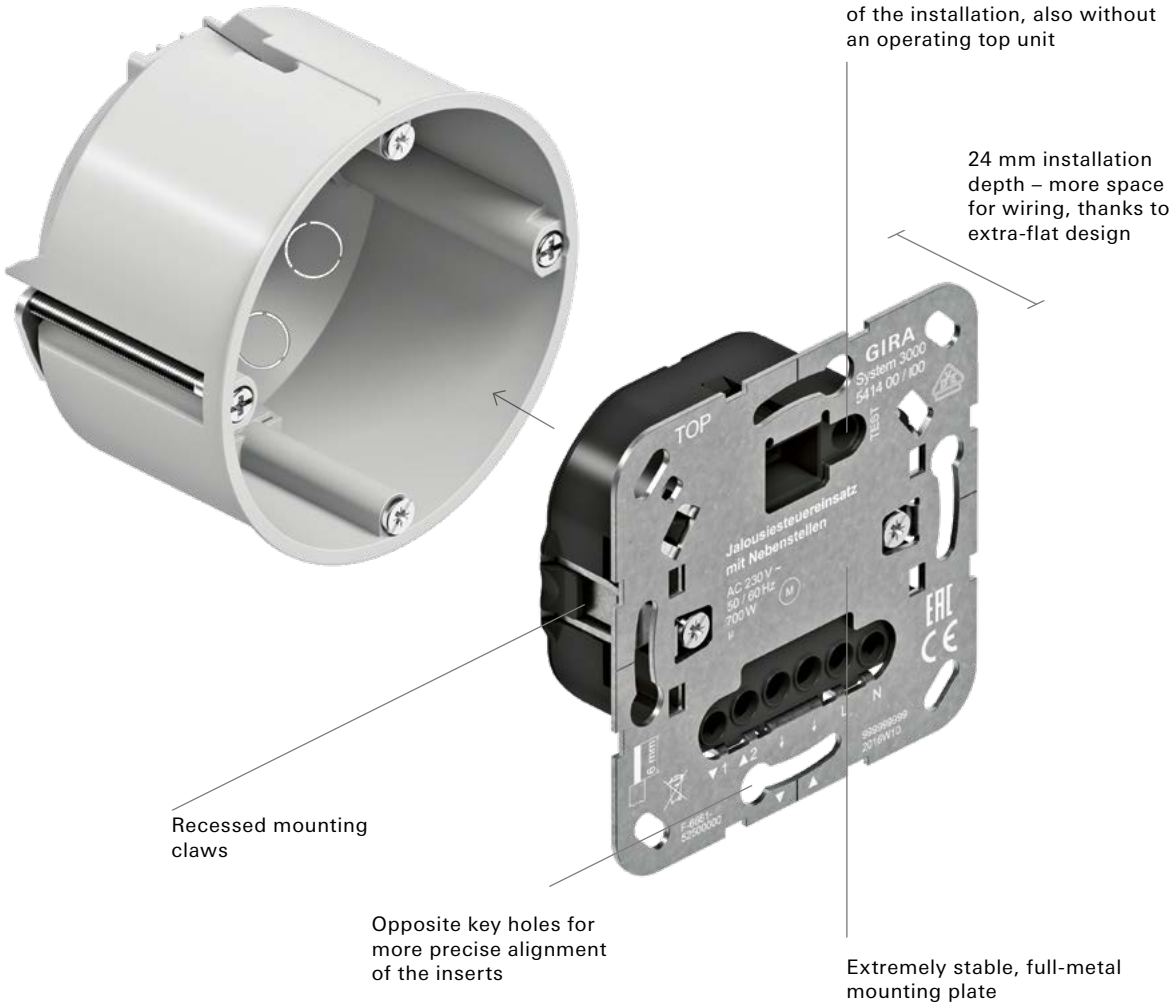


Motion detector 2.20 m Komfort Bluetooth

Presence and motion detector 360° Bluetooth

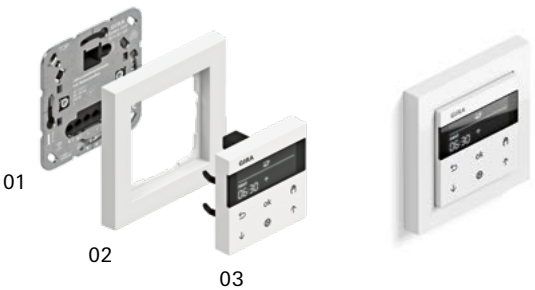
Gira System 3000 blind control, operating top unit arrow symbols
Design line: Gira E2, anthracite

Gira System 3000 blind control, operating top unit Memory
Design line Gira E3, pure white glossy



Structure

[01] Gira System 3000 control insert
[02] Gira frame range
[03] Gira System 3000 operating top unit



Simple and flexible installation

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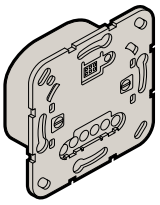
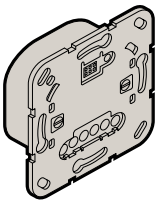
Installing the new-generation lighting and blind control inserts is now even easier. With an extra-flat installation depth of just 24 millimetres, the new inserts leave more space in the flush-mounted box, which means greater wiring flexibility. Recessed mounting claws make for easier installation and provide increased safety. Start-up of installed inserts can be done without an operating top unit, using a test button to check their function. Depending on the operating top unit, the standby power is just 0.2 W – 0.5 W.

Light control inserts



- Universal LED rotary dimming insert Standard
- Universal LED dimming insert Komfort
- Flush-mounted DALI power control unit insert
- Relay switching insert
- Electronic switching insert
- Impulse insert
- Auxiliary insert, 2-wire
- Auxiliary insert, 3-wire

Blind control inserts



- Control insert with auxiliary input
- Control insert without auxiliary input

Intuitive operation and programming

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Regardless of whether you choose the Bluetooth top unit with app control or the display device, it is easy to operate the device and program your own settings. Besides controlling the desired lighting switching or movement times manually, you can save the current time to program the times for all seven days. Alternatively, you can easily differentiate between weekdays and weekend. Especially convenient: The integrated astro function makes it possible to dynamically match the desired activation times to sunrise and sunset. The changeover between summer and winter time is carried out automatically.

The ultimate in convenience: Control via app

Conveniently program and control everything as you need it, from the comfort of your own sofa: The Bluetooth operating top unit takes lighting and blind control to a whole new level. The smartphone or tablet becomes the control centre. With the Gira app, you have all the settings for the various light sources, blinds and shutters displayed clearly on a large screen and perfectly under control. Time programs that have already been created can easily be copied into other operating top units.

Gira System 3000 lighting and blind control, Gira App
The Gira App is available free of charge in the Google Play Store and Apple App Store.

All functions in one operating top unit

Touch-sensitive buttons make operating the blinds and the timer pleasant, quick and easy. The high-contrast, illuminated display also ensures that the selected settings are clearly legible. The system independently recognises on which control insert the operating element is mounted: the light or blinds insert.

Gira System 3000 blind control, blind timer and timer Display
Design line: Gira E2, stainless steel

Gira System 3000 lighting and blind control, blind timer and timer Display
Design line: Gira E2, stainless steel

Award-winning design for any ambiance

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Ten design lines, more than 75 frame variants, and more than 300 inserts in different colours and materials:
The modular Gira design system offers a great range of designs and functions to suit any taste and any ambience. In addition to switches, socket outlets, and the numerous new Gira System 3000 lighting and blind controllers, other functions can be integrated, such as door intercoms or KNX push button sensors. For detailed information on all Gira design lines, see: www.gira.com

01 02 03 04 05

06 07 08 09 10

Gira design lines [selection]:
[01] Gira Standard 55, pure white glossy
[02] Gira E2, pure white glossy
[03] Gira E2, stainless steel
[04] Gira E2 flat installation, anthracite
[05] Gira E3, blue-grey soft touch/anthracite
[06] Gira Event Clear, brown/cream white glossy
[07] Gira Esprit, white glass/pure white glossy
[08] Gira Esprit, stainless steel/anthracite
[09] Gira Esprit linoleum multiplex, blue/pure white glossy
[10] Gira F100, pure white glossy

Blind control that meets your needs

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With the Gira System 3000 blind controller, controlling the daily raising and lowering of blinds and shutters is easier than ever before. Numerous customisable functions are available and, using the Bluetooth operating top unit in combination with the Gira app, can even be controlled from your smartphone or tablet. The blind can be raised or lowered to any desired position for appropriate privacy and sun protection. Particularly practical: The integrated astro function makes it possible to dynamically match the saved movement times to sunrise and sunset. The changeover between summer and winter time is carried out automatically.

Gira System 3000 lighting control, blind timer and timer Bluetooth
Design line: Gira E2 flat installation, anthracite

Lighting control with a concept

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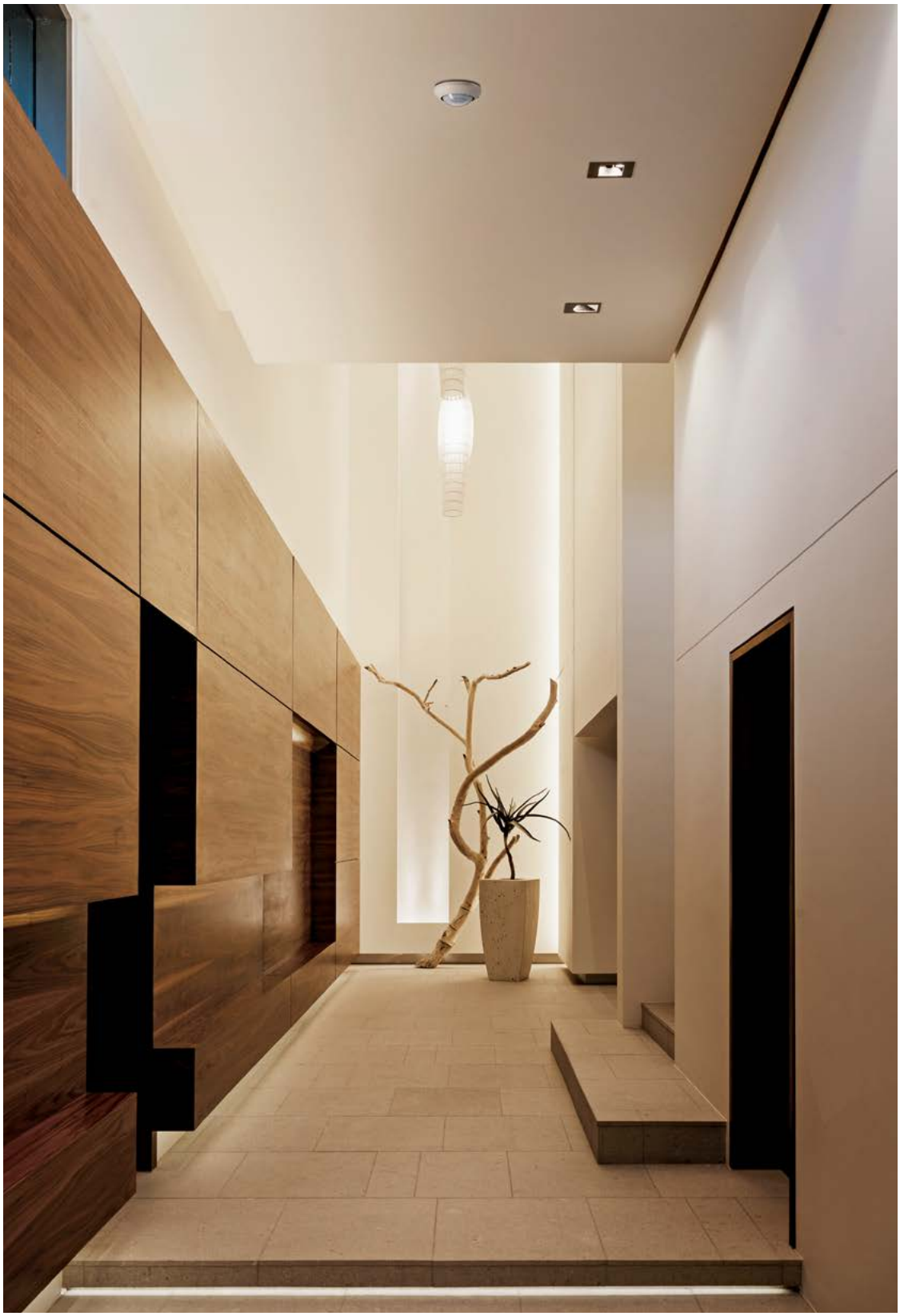
The different Gira System 3000 operating top units offer customised convenience and make life in your home even more pleasant, safer and more economical.
Well-lit apartments or houses minimise the risk of burglaries. The Gira time control functions make sure your rooms are brightly lit even when you are not home. By preprogramming different dimmer settings, brightness levels and switch-on times for individual or several lamps, you can create a pleasant living atmosphere that meets your needs and requirements.
The Gira System 3000 gives you various options for individual lighting control: from the simple on-off switch to the extensive functions that can be conveniently controlled through the app or the Display timer.

Gira System 3000 lighting control, blind timer and timer Display
Design line: Gira E2, pure white glossy



Gira System 3000 lighting control
Presence and motion detector 360° top unit Bluetooth

Full functionality: Motion-triggered light

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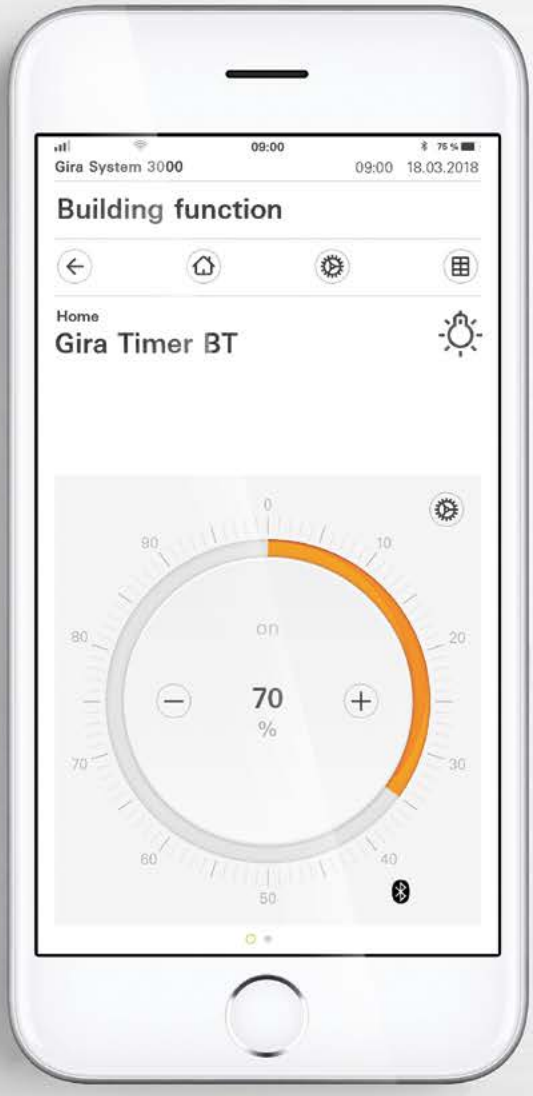
On. Off. All by itself. Motion detectors control the lighting in hallways and staircases, or in house entrances and driveways; this is not only convenient but also saves energy. The new Gira System 3000 motion detector with digital sensors ensures the best possible detection in a wide range of installation situations. The standard versions are suitable for basic applications and for expanding the detection zones. With the Komfort devices, many special functions can be implemented additionally. These can easily be configured via Bluetooth with the Gira app.

Standard-version motion detectors principally work with fixed parameters. The brightness threshold and sensor sensitivity can be set using potentiometers.

Komfort-version motion detectors are easily and conveniently configured via Bluetooth with a smartphone or tablet. In addition to the standard settings, they offer a wealth of additional functions: Occupancy simulation, night light, alarm mode, etc. make convenient all-round lighting control possible.

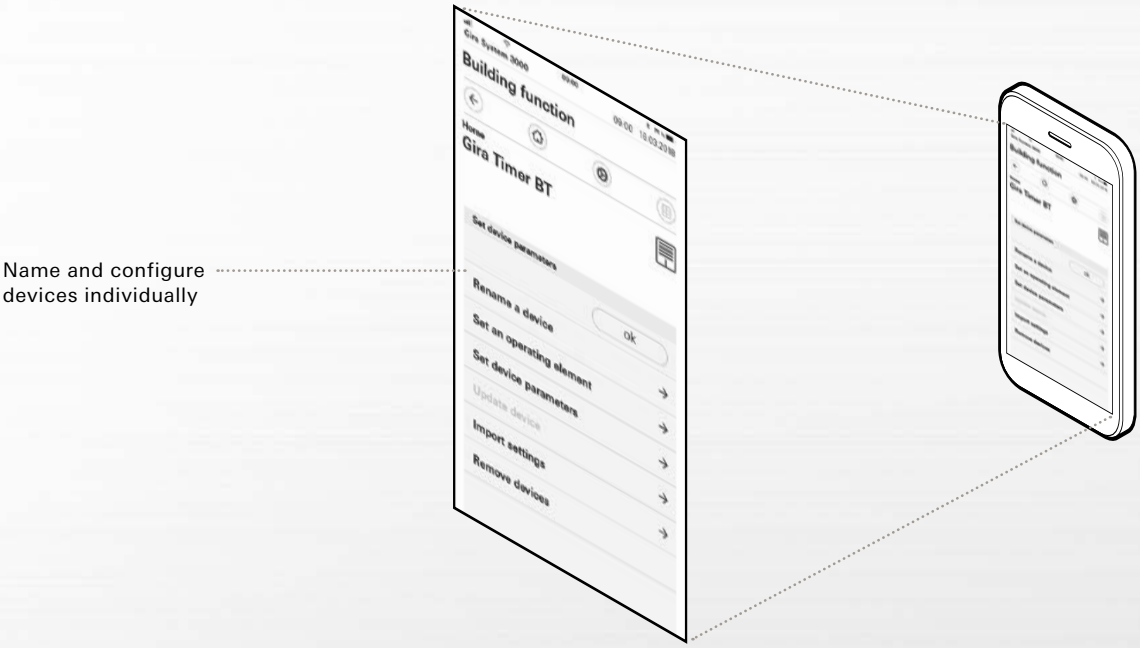
The 360° ceiling-mounted version is also equipped with the Komfort functions. Additionally, these detectors offer a choice between motion and phase detection, as well as constant lighting control: Ideal for work areas, hallways and staircases.



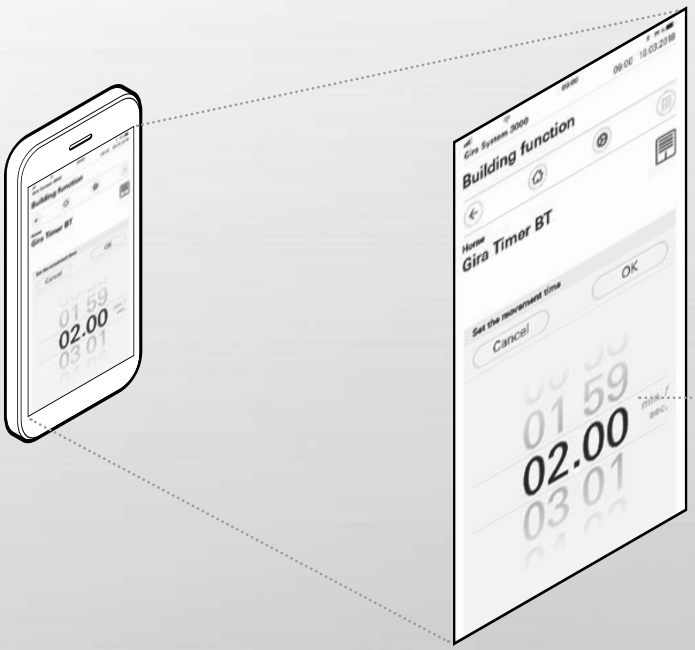
Gira System 3000 lighting and blind control, Gira app
Gira app is available free of charge in the Google Play Store and Apple App Store.

Gira System 3000 control // Gira app

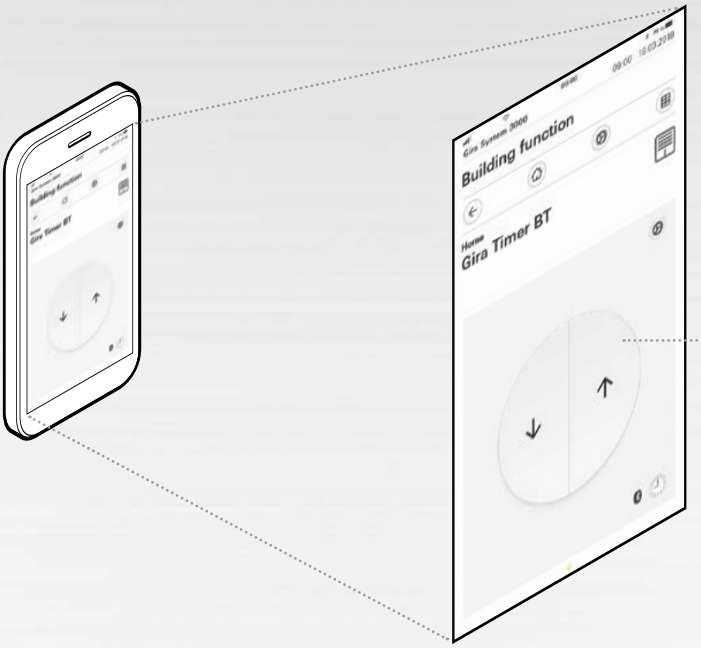
Commissioning wizard for simple device coupling



Name and configure devices individually



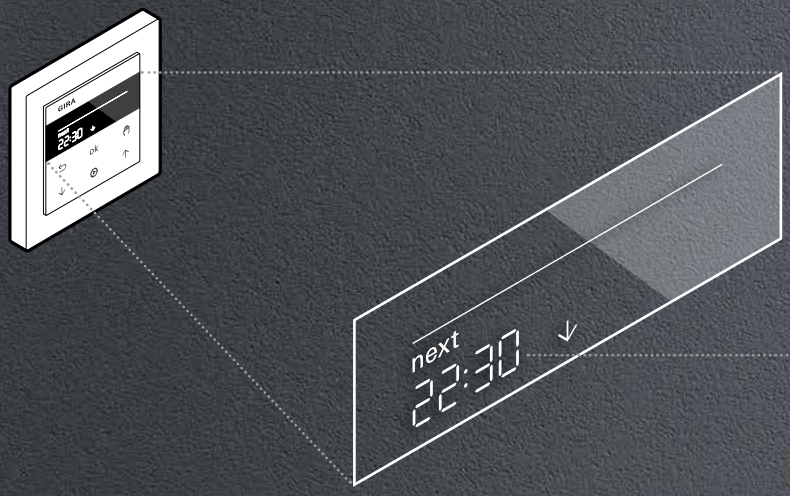
Parameters are quick and easy to configure



Set the position of
the blind using either
the control buttons
or slider

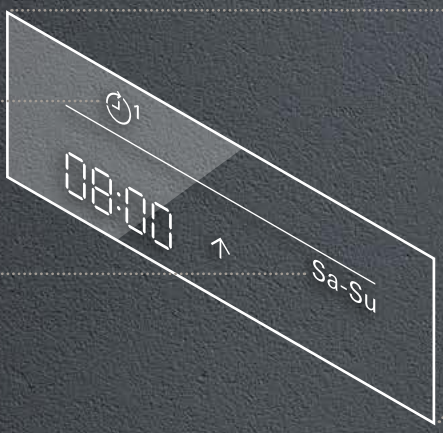
Easily adjust
the desired lighting mood

Set switching times
according to your
personal requirements

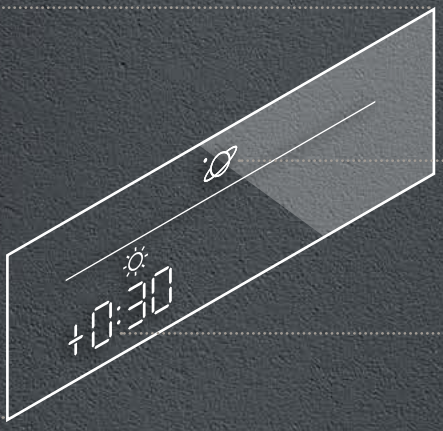


Start view:
Time of the next action

Individually programmable seven-day timer

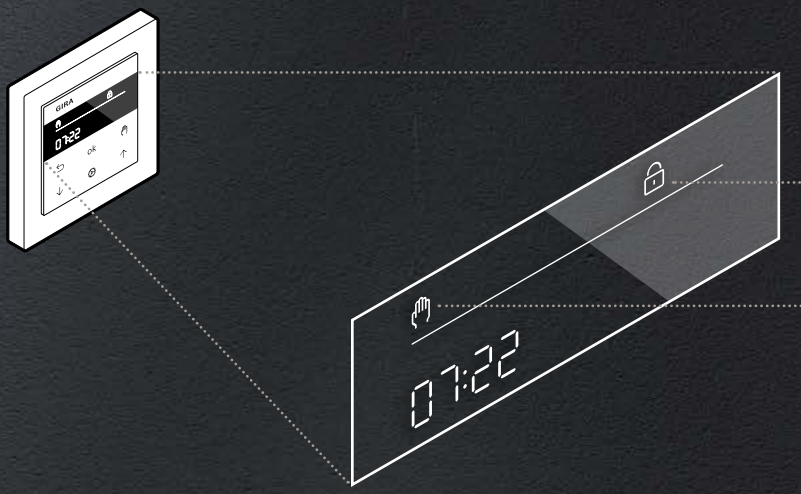


Program one switch-on and one switch-off time (light), or one raising and one lowering time (blinds) for Mon-Fri and Sat-Sun



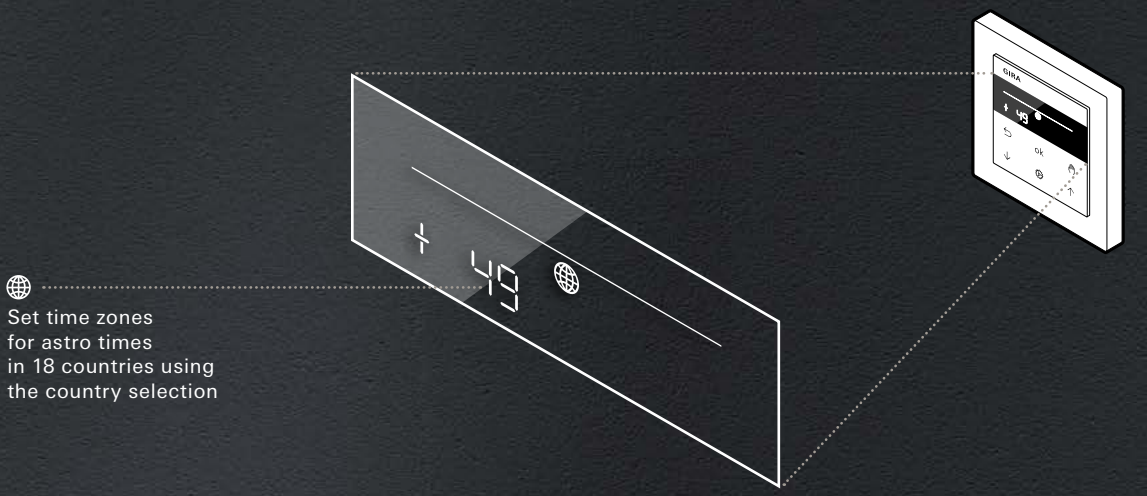
Astro function:
Dynamic time control based on sunrise and sunset

Optional offset time for sunrise and sunset

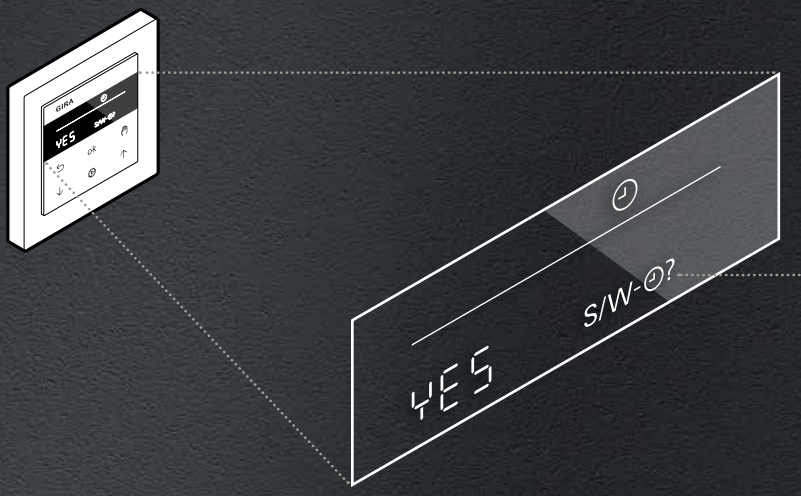


Integrated
blocking function

Manual control



Set time zones
for astro times
in 18 countries using
the country selection



Automatic
summer/winter time
switchover selectable

Gira System 3000 lighting and blind control, blind timer and timer Display
Design line: Gira E2, pure white glossy

Dimming lights made simple and convenient

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With dimming inserts, the brightness of lights can be controlled to configure individual lighting moods and reduce energy consumption. For convenient lightning control, Gira offers a large range of simple rotary, touch and built-in dimmers matching the System 3000.

With the new Gira System 3000, you can switch and dim universal LED dimming inserts, light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, as well as dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps. They can be combined with various System 3000 operating top units and enable individual adjustment of the switch-on brightness, and, in the Komfort version, allow operation of other auxiliary units.

Technically, the Gira rotary dimmers are identical to the touch dimmer inserts and control the same loads. The difference is that they use rotary controls and are equipped with the rotary dimmer covers from the various Gira design lines. The Komfort rotary dimmer can also be controlled from many operating points with the system auxiliary units.

The Gira universal LED dimmer Mini transforms a commercially-available momentary button into a universal dimmer. The compact design simplifies installation in the device box behind the button. The dimmer calibrates itself independently to the connected light source.

In distribution boards, the Gira universal LED dimmer DRA and power boosters are used. Using power boosters to supplement the dimmers makes it possible to dim larger power loads.

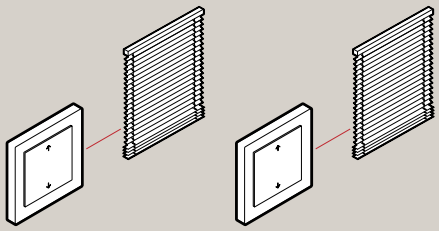
The Gira LED compensation module enables the operation of dimmable HV LED lamps in conjunction with Gira Universal or Tronic dimmers. It improves the dimming behaviour and prevents flickering and afterglow in dimmable HV LED lamps.

Gira System 3000 lighting control, operating top unit
Design line: Gira Esprit, umber glass/cream white glossy

Control options: Blinds

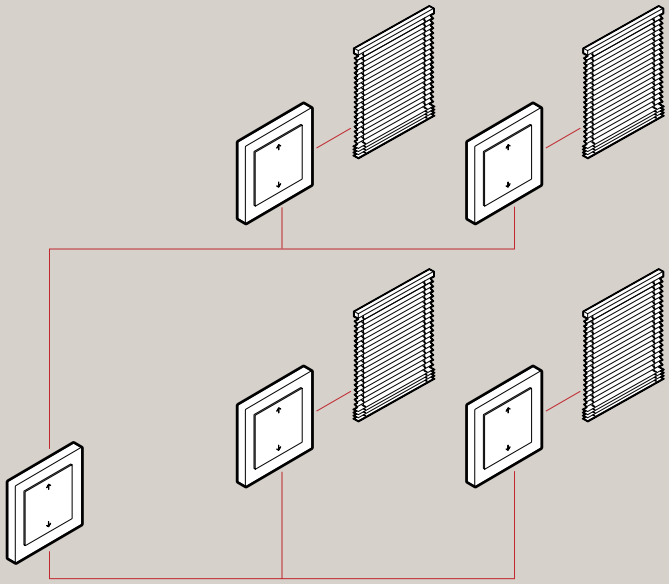
Individual control

If there are only a few blinds to control, for example in small flats, individual control on-site is a good solution. Of course this can be done at the press of a button, via remote control, or using timers or sensors.



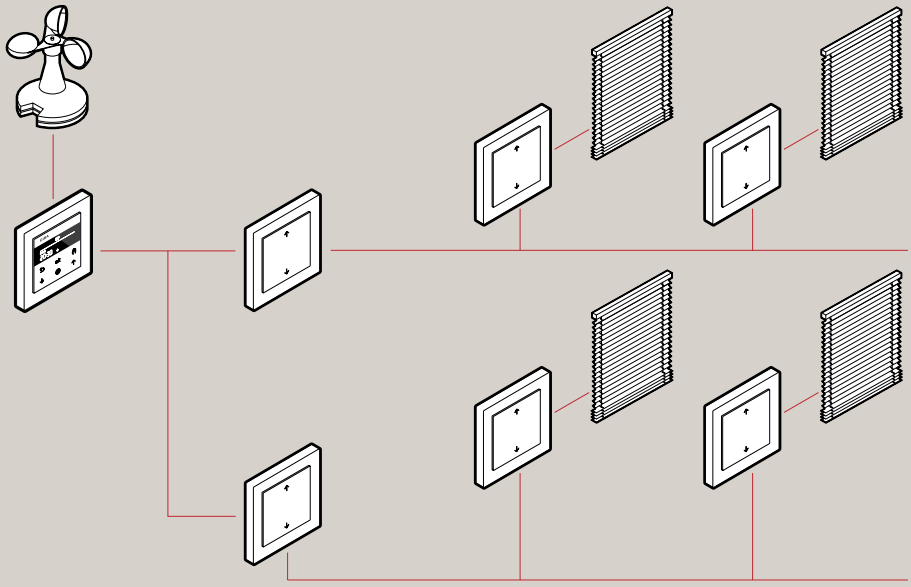
Group control

One device in the system serves as the master device and transmits the control commands to all the downstream devices. Each blind can, of course, also be controlled locally. Group control makes good sense, for example in a detached family house or in smaller office spaces.



Central control

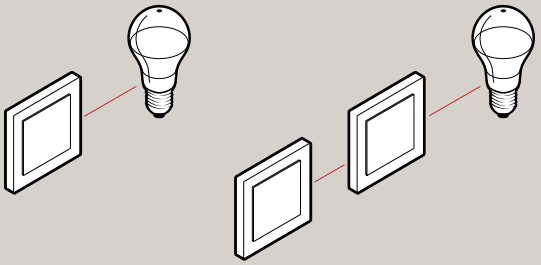
In larger buildings, e.g. office buildings, all blinds can be centrally controlled, for example to protect them against an approaching storm. This task can also be performed by a wind sensor. To this end, the devices of each floor are grouped and an additional insert is installed as higher-level master.
The blinds can then also be controlled for each floor separately, or individually on site.



Control options: Lighting

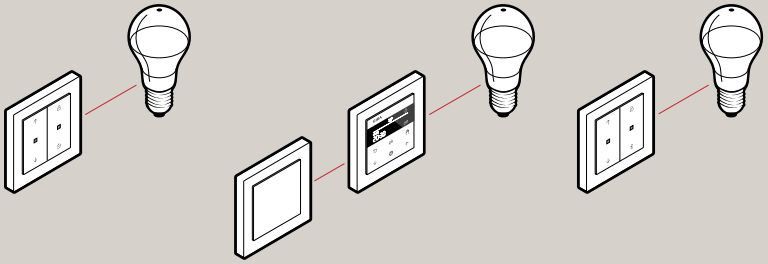
Manual control

With the various operating top units, lamps can be switched and dimmed manually. In combination with auxiliary inserts, this is also possible from several operating points.



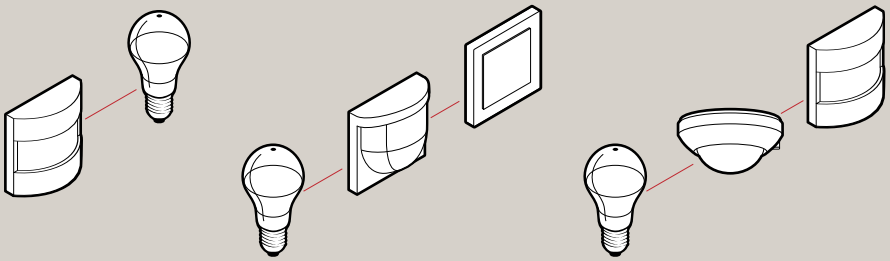
Time-dependent control

The system top units with time control – Memory, Display and Bluetooth – enable switching and dimming with individual time profiles. With the auxiliary units, it is possible to expand to several operating points at any time.



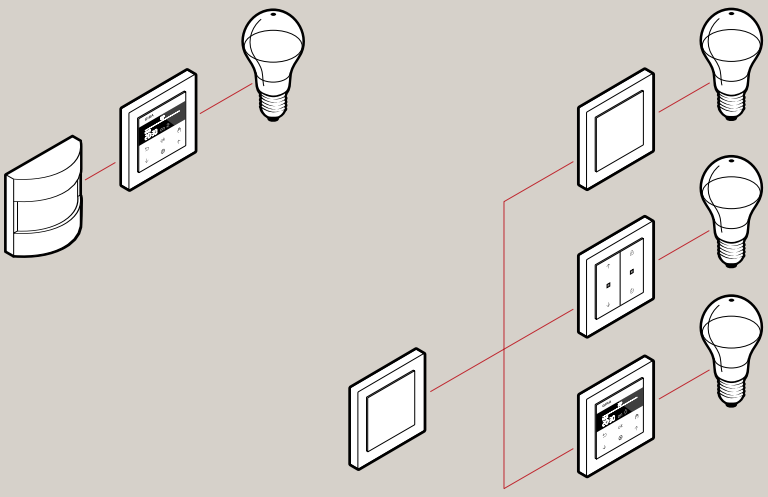
Motion-dependent control

The motion detector top units switch and dim the light completely automatically, depending on the ambient light and the detected motion. The detection zone can be increased with additional motion detectors and auxiliary inserts. With basic operating top units, manual control is also possible.



Combinations and central control units

Combining the different system inserts and top units offers many control options, e.g. expanding the time control with motion detectors or controlling several independent controllers centrally.



Function overview

The modular system consisting of power inserts and operating top units offers the greatest possible freedom in combining products and implementing functions. Manual actuation with a control button is possible alongside electronic time-dependent or motion-dependent lighting control. Central functions can also be implemented via the auxiliary inputs, e.g. by means of a wind sensor or a master button.

In blind and shutter control, auxiliary units can be used for the higher-level operation of groups and central control.

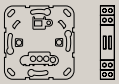
In lighting control, the auxiliary units usually serve as additional control points or are used to expand the detection ranges of motion detectors. A new feature here is the option of centrally operating up to 5 switching and dimming inserts with the 3-wire auxiliary insert. It is also possible to combine timers with motion detectors in the System 3000.

	Lighting control			
	 Relay switching insert Order no. 5403 00	 Electronic switching insert Order no. 5405 00	 universal LED dimming insert Standard Order no. 5400 00	 universal LED dimming insert Komfort Order no. 5401 00
 Operating top unit Order no. 5360 .. and operating top unit arrow symbols Order no. 5361 ..	Switching	Switching	Switching Dimming	Switching Dimming
 Operating top unit Memory Order no. 5363 ..	Switching Memory	Switching Memory	Switching Dimming Memory	Switching Dimming Memory
 Blind timer and timer Display Order no. 5366 ..	Switching Memory Timer	Switching Memory Timer	Switching/dimming Memory Timer	Switching/dimming Memory Timer
 Blind timer and timer Bluetooth Order no. 5367 ..	Switching Timer App operation	Switching Timer App operation	Switching/dimming Timer App operation	Switching/dimming Timer App operation
 Motion detector 1.10 m Standard Order no. 5373 ..	Switching	Switching	Switching	Switching
 Motion detector 1.10 m Komfort Bluetooth Order no. 5374 ..	Switching App operation	Switching App operation	Switching Dimming App operation	Switching Dimming App operation
 Motion detector 2.20 m Standard Order no. 5375 ..	Switching	Switching	Switching	Switching
 Motion detector 2.20 m Komfort Bluetooth Order no. 5376 ..	Switching App operation	Switching App operation	Switching Dimming App operation	Switching Dimming App operation
 Presence and motion detector 360° Bluetooth Order no. 5377 02	Switching App operation	Switching App operation	Switching Constant lighting control App operation	Switching Constant lighting control App operation

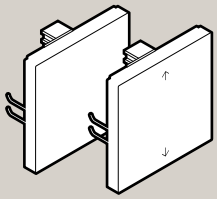
For mounting height up to 1.10 m with purely horizontally aligned detection area, which means it doesn't have its own range limitation outdoors

For mounting height up to 2.20 m with angled, vertically aligned detection area

① Depends on the main unit to be controlled

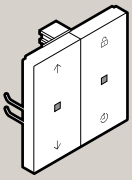
Lighting control				Blind control	
					
DALI power control unit Tuneable White Order no. 5406 00	Auxiliary insert, 2-wire Order no. 5408 00	Auxiliary insert, 3-wire Order no. 5409 00	Impulse insert Order no. 5410 00 with staircase-light automatic control switch Order no. 0821 00	Blind control insert with auxiliary input Order no. 5414 00	Blind control insert without auxiliary input Order no. 5415 00
Switching Dimming Tuneable White	① Switching Dimming Tuneable White	① Switching Dimming Tuneable White	Switching on	Up/down Individual position	Up/down Individual position
Switching Dimming Memory	– – –	① Switching Dimming	– – –	Up/down Individual position Memory	Up/down Individual position Memory
Switching/dimming Memory Timer	– – –	① Switching Dimming	– – –	Up/down, position Memory Blind timer	Up/down, position Memory Blind timer
Switching/dimming Timer App operation	– – –	① Switching Dimming	– – –	Up/down, position Blind timer App operation	Up/down, position Blind timer App operation
Switching	– – –	Switching on	Switching on	– – –	– – –
Switching Dimming App operation	– – –	Switching on	Switching on	– – –	– – –
Switching	– – –	Switching on	Switching on	– – –	– – –
Switching Dimming App operation	– – –	Switching on	Switching on	– – –	– – –
Switching Constant lighting control App operation	– – –	Switching on	Switching on	– – –	– – –

Product features and data: Top units



Gira System 3000
top unit and operating top unit
arrow symbols

- Manual control of lighting and blinds
- Saving of individual intermediate position
- Ambient temperature: -5 °C to +45 °C

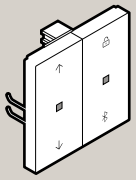


Gira System 3000
operating top unit
Memory

- Manual control of lighting and blinds
- Saving of individual intermediate position
- Saving of switch-on and switch-off time, repetition in 24-hour cycle if memory operation is activated
- Blocking function to deactivate the auxiliary unit and memory mode
- Night mode: Status LED and function LED are not lit continuously
- Ambient temperature: -5 °C to +45 °C

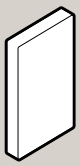
Gira System 3000
blind timer and timer
Display

- Manual control of lighting and blinds
- Saving of individual intermediate position
- Timer: Easy to operate and program
- Rapid programming: Saving of current time as switching time
- Standard time program
- Astro function
- Automatic summer/winter time
- Blocking function: Deactivation of auxiliary unit and automatic function
- Ambient temperature: -5 °C to +45 °C
- Accuracy per month: ± 10 s
- Power reserve: approx. 4 h



Gira System 3000
Blind timer and timer
Bluetooth

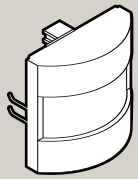
- Manual control of lighting and blinds
- Saving of individual intermediate position
- Control and programming via app, using smartphones and tablets
- Programs can easily be copied to other blind timers and timers
- Up to 40 switching times in individual day blocks possible
- Up to 50 products can be managed in the app
- Random function
- Astro function
- Automatic summer/winter time
- Blocking function to deactivate the auxiliary and automatic function
- Temperature-dependent sun and twilight function with brightness and temperature sensor Bluetooth
- Ambient temperature: -5 °C to +45 °C
- Time and location synchronisation via smartphone
- Power reserve: approx. 4 h



Gira System 3000
brightness and temperature sensor
Bluetooth

- Recording of brightness and temperature values
- Control of lighting and blinds
- Transmission of the values via Bluetooth
- Brightness values from 5 lux to 80,000 lux
- Ambient temperature: -5 °C to +55 °C
- Adhesive mounting indoors
- Battery-operated (CR 2450)

Product features and data: Motion detectors



Gira System 3000
motion detector top unit
1.10 m
Standard

Motion- and brightness-dependent lighting control

The light stays on as long as motion is detected while the ambient light is too low.
Fixed delay time:
2 min.

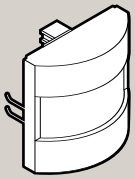
Brightness threshold can be set via potentiometer

Sensor sensitivity can be set via potentiometer

Operation on all System 3000 switching and dimming inserts, as well as the 3-wire auxiliary unit

For conversion of button circuits in staircases in combination with the System 3000 impulse insert and the DRA staircase light timer

Ambient temperature:
-20 °C to +45 °C



Gira System 3000
motion detector top unit
1.10 m
Komfort Bluetooth

Motion- and brightness-dependent lighting control

Additional functions compared to Standard:

On/Auto/Off – Operation on device

Control and programming via app, using smartphones and tablets

Programs can easily be copied to other motion detectors

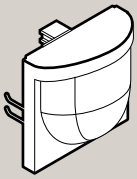
Occupancy simulation (repetition of switching operations of previous day)

Alarm function (light flashes in event of detection)

Night light function (at night, light is dimmed when switched on)

Hotel function (light dims, but does not switch off)

Dynamic self-learning delay time (convenience and energy savings)



Gira System 3000
motion detector top unit
2.20 m
Standard

Motion- and brightness-dependent lighting control

The light stays on as long as motion is detected while the ambient light is too low.
Fixed delay time:
2 min.

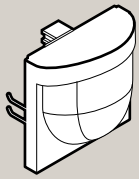
Brightness threshold can be set via potentiometer

Sensor sensitivity can be set via potentiometer

Operation on all System 3000 switching and dimming inserts, as well as the 3-wire auxiliary unit

For conversion of button circuits in staircases in combination with the System 3000 impulse insert and the DRA staircase light timer

Ambient temperature:
-20 °C to +45 °C



Gira System 3000
motion detector top unit
2.20 m
Komfort Bluetooth

Motion- and brightness-dependent lighting control

Additional functions compared to Standard:

On/Auto/Off – Operation on device

Control and programming via app, using smartphones and tablets

Programs can easily be copied to other motion detectors

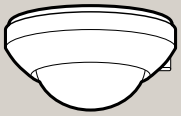
Occupancy simulation (repetition of switching operations of previous day)

Alarm function (light flashes in event of detection)

Night light function (at night, light is dimmed when switched on)

Hotel function (light dims, but does not switch off)

Dynamic self-learning delay time (convenience and energy savings)



Gira System 3000
presence and motion detector
360° top unit Bluetooth

Motion- and brightness-dependent lighting control, as motion or presence detector

Additional functions compared to Standard:

Switchover between detector mode and presence mode

Constant lighting control

Control and programming via app, using smartphones and tablets

Programs can easily be copied to other motion detectors

Occupancy simulation (repetition of switching operations of previous day)

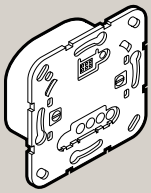
Alarm function (light flashes in event of detection)

Night light function (at night, light is dimmed when switched on)

Hotel function (light dims, but does not switch off)

Dynamic self-learning delay time (convenience and energy savings)

Product features and data: Inserts



Gira System 3000
relay switching insert

Installation depth:
24 mm

Rated voltage:
AC 230 V ~

Mains frequency:
50/60 Hz

Test button for function test and start-up

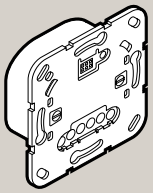
Staircase light function:
1/5/30/60 Min.

Switching capacity:
16 A/AC 1
typ. 500 W
HV LED lamps

Ambient temperature:
-25 °C to +45 °C

Standby power:
Top unit dependent
0.2 to 0.5 W

Connections:
Solid and stranded without ferrule
0.5 to 4.0 mm^2 or
2 × 2.5 mm^2,
fine-stranded with ferrule 0.5 to 2.5 mm^2



Gira System 3000
electronic switching insert

Installation depth:
24 mm

Rated voltage:
AC 230 V ~

Mains frequency:
50/60 Hz

Test button for function test and operating mode selection:
- Universal leading edge
- Trailing edge

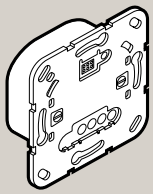
Can be used with or without neutral conductor:
- Without neutral conductor only for dimmable light sources
- With neutral conductor also for switchable light sources

Power range:
- Light bulbs up to 400 W
- HV LED lamps:
  Leading edge
  typ. 100 W
  Trailing edge
  typ. 200 W

Ambient temperature:
-5 °C to +45 °C

Standby power:
Top unit dependent
0.2 to 0.5 W

Connections:
Solid and stranded without ferrule
0.5 to 4.0 mm^2 or
2 × 2.5 mm^2,
fine-stranded with ferrule 0.5 to 2.5 mm^2



Gira System 3000
universal LED dimming insert
Standard

Installation depth:
24 mm

Rated voltage:
AC 230 V ~

Mains frequency:
50/60 Hz

Test button for function test and operating mode selection:
- Universal leading edge
- Trailing edge
- Setting for basic brightness

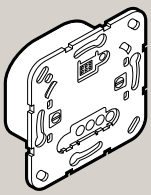
Can be used with or without neutral conductor; with neutral conductor, the minimum load is lower and the dimming behaviour is improved

Power range:
- Light bulbs up to 210 W
- HV LED lamps:
  Leading edge
  typ. 60 W
  Trailing edge
  typ. 120 W

Ambient temperature:
-5 °C to +45 °C

Standby power:
Top unit dependent
0.2 to 0.5 W

Connections:
Solid and stranded without ferrule
0.5 to 4.0 mm^2 or
2 × 2.5 mm^2,
fine-stranded with ferrule 0.5 to 2.5 mm^2



Gira System 3000
universal LED dimming insert
Komfort

Installation depth:
24 mm

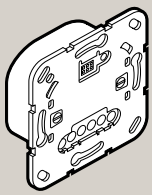
Rated voltage:
AC 230 V ~

Mains frequency:
50/60 Hz

Additional functions compared to Standard:

Power range:
- Light bulbs up to 420 W
- HV LED lamps:
  Leading edge
  typ. 100 W
  Trailing edge
  typ. 200 W

Auxiliary input for connecting 2-wire and 3 wire System 3000 auxiliary inserts or rocker buttons



Gira System 3000
DALI power control unit
Flush-mounted insert

Installation depth:
30 mm

Rated voltage:
AC 230 V ~

Mains frequency:
50/60 Hz

For controlling DALI lights and DALI ballast devices with or without TuneableWhite function

For max. 18 DALI devices

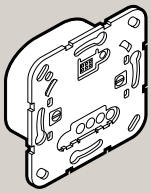
Maximum 4 “active” DALI inserts can be switched in parallel, to increase number of participating devices

Auxiliary input for connecting 2-wire and 3 wire System 3000 auxiliary inserts or rocker buttons

Ambient temperature:
-5 °C to +45 °C

Standby power:
Top unit dependent
0.2 to 0.5 W

Connections:
Solid and stranded without ferrule
0.5 to 4.0 mm^2 or
2 × 2.5 mm^2,
fine-stranded with ferrule 0.5 to 2.5 mm^2



Gira System 3000
auxiliary insert, 2-wire

Installation depth:
24 mm

Rated voltage:
AC 230 V ~

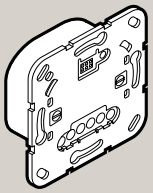
Mains frequency:
50/60 Hz

Connecting any number of 2-wire auxiliary units to a main unit is possible

Can be combined with System 3000 operating top unit and operating top unit arrow symbols

Ambient temperature:
-25 °C to +45 °C

Connections:
Solid and stranded without ferrule
0.5 to 4.0 mm^2 or
2 × 2.5 mm^2,
fine-stranded with ferrule 0.5 to 2.5 mm^2



Gira System 3000
auxiliary insert, 3-wire

Installation depth:
24 mm

Rated voltage:
AC 230 V ~

Mains frequency:
50/60 Hz

Can be combined with all System 3000 top units

Up to 5 main units can be jointly controlled with a 3-wire auxiliary unit

Connecting 5 auxiliary units, 3-wire, to a main unit

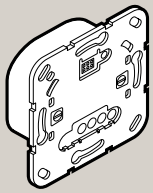
Connecting 2-wire and/or 3-wire auxiliary units to a main unit

Motion detector brightness evaluation on

Ambient temperature:
-25 °C to +45 °C

Standby power:
Top unit dependent
0.2 to 0.5 W

Connections:
Solid and stranded without ferrule
0.5 to 4.0 mm^2 or
2 × 2.5 mm^2,
fine-stranded with ferrule 0.5 to 2.5 mm^2



Gira System 3000
impulse insert

Installation depth:
24 mm

Rated voltage:
AC 230 V ~

Mains frequency:
50/60 Hz

Can be combined with System 3000 motion detectors, as well as the operating top unit and operating top unit arrow symbols

For installation or retrofitting of motion detectors in the staircase

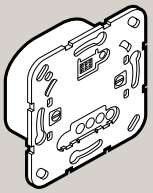
Operation exclusively with staircase light timer DRA 0821 00

Can be expanded at staircase light timer DRA with 2-wire auxiliary insert in combination with basic operating top unit and rocker buttons.

Ambient temperature:
-5 °C to +45 °C

Standby power:
Top unit dependent
0.2 to 0.5 W

Connections:
Solid and stranded without ferrule
0.5 to 4.0 mm^2 or
2 × 2.5 mm^2,
fine-stranded with ferrule 0.5 to 2.5 mm^2



Gira System 3000
blind control insert
without auxiliary input

Installation depth:
24 mm

Rated voltage:
AC 230 V ~

Mains frequency:
50/60 Hz

Test button for function test and start-up

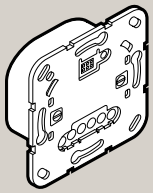
Contact type:
µ contact

Standby power:
Top-unit dependent
0.2 to 0.5 W

Connected load
Motors: 700 W

Ambient temperature:
-5 °C to +45 °C

Connections:
Solid and stranded without ferrule
0.5 to 4.0 mm^2 or
2 × 2.5 mm^2,
fine-stranded with ferrule 0.5 to 2.5 mm^2



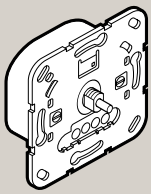
Gira System 3000
blind control insert with
auxiliary input

Additional functions compared to blind control insert without auxiliary input

Integration into groups or central control units

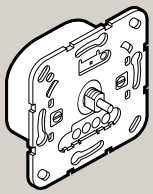
Wind alarm lock via auxiliary input

Product features and data: Kompakt dimmers



Gira System 3000
universal LED rotary dimming insert
Standard

- Installation depth: 24 mm
- Rated voltage: AC 230 V ~
- Mains frequency: 50/60 Hz
- Dimming behaviour can be set automatically
- Setting for basic brightness
- Can be used with or without neutral conductor; with neutral conductor, the minimum load is lower and the dimming behaviour is improved
- Power range:
  - Light bulbs up to 210 W
  - HV LED lamps:
    Leading edge typ. 60 W
    Trailing edge typ. 120 W
- Ambient temperature:
  -5 °C to +45 °C
- Standby power:
  approx. 0.2 W
- Connections:
  Solid and stranded without ferrule
  0.5 to 4.0 mm^2 or
  2 × 2.5 mm^2,
  fine-stranded with ferrule
  0.5 to 2.5 mm^2

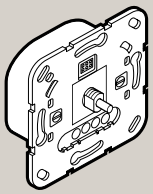


Gira System 3000
universal LED rotary dimming insert
Komfort

- Installation depth: 24 mm
- Rated voltage: AC 230 V ~
- Mains frequency: 50/60 Hz
- Additional functions compared to Standard:

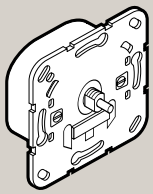
  Test button for operating mode selection:
  - Universal
  - Leading edge
  - Trailing edge
  - Setting for basic brightness

  Power range:
  - Light bulbs up to 420 W
  - HV LED lamps:
    Leading edge typ. 100 W
    Trailing edge typ. 200 W



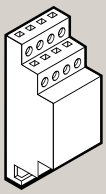
Gira System 3000
rotary auxiliary insert, 3-wire, for LED dimmer

- Installation depth: 24 mm
- Rated voltage: AC 230 V ~
- Mains frequency: 50/60 Hz
- Requires neutral conductor connection
- Suitable for use with System 3000 rotary, touch, built-in and DRA dimmers
- Ambient temperature:
  -5 °C to +45 °C
- Standby power:
  approx. 0.2 W
- Connections:
  Solid and stranded without ferrule
  0.5 to 4.0 mm^2 or
  2 × 2.5 mm^2,
  fine-stranded with ferrule
  0.5 to 2.5 mm^2



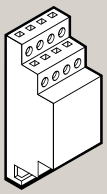
Gira System 3000
LED dimmer
with rotary on/off switch

- Installation depth: 32 mm
- Rated voltage: AC 230 V ~
- Mains frequency: 50 Hz
- Operation with rotary on/off switch
- Does not require neutral conductor connection
- Power range:
  - Light bulbs up to 200 W
  - HV LED lamps:
    Leading edge typ. 40 W
- Ambient temperature:
  +5 °C to +45 °C
- Connections:
  Solid and stranded without ferrule
  0.5 to 4.0 mm^2 or
  2 × 2.5 mm^2,
  fine-stranded with ferrule
  0.5 to 2.5 mm^2



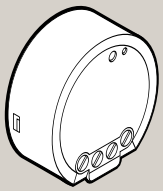
Gira System 3000
universal LED dimmer DRA

- 2 modular widths
- Rated voltage: AC 230 V ~
- Mains frequency: 50/60 Hz
- With manual actuation
- Auxiliary input for connecting 2-wire and 3 wire System 3000 auxiliary inserts or rocker buttons
- Operating mode selection:
  - Universal
  - Leading edge
  - Trailing edge
  - Setting for basic brightness
- Requires neutral conductor connection
- Power range:
  - Light bulbs up to 420 W
  - HV LED lamps:
    Leading edge typ. 100 W
    Trailing edge typ. 200 W
- Ambient temperature:
  +5 °C to +45 °C
- Standby power:
  < 0.5 W
- Connections:
  Solid and stranded without ferrule
  0.5 to 4.0 mm^2 or
  2 × 2.5 mm^2,
  fine-stranded with ferrule
  0.5 to 2.5 mm^2



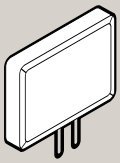
Gira System 3000
universal LED power booster DRA

- 2 modular widths
- Rated voltage: AC 230 V ~
- Mains frequency: 50/60 Hz
- Mode follows the combined dimmer
- Requires neutral conductor connection
- Power range:
  - Light bulbs up to 420 W
  - HV LED lamps:
    Leading edge typ. 100 W
    Trailing edge typ. 200 W
- Max. 2 power boosters can be connected per dimmer
- Ambient temperature:
  +5 °C to +45 °C
- Standby power:
  < 0.5 W
- Connections:
  Solid and stranded without ferrule
  0.5 to 4.0 mm^2 or
  2 × 2.5 mm^2,
  fine-stranded with ferrule
  0.5 to 2.5 mm^2



Gira System 3000
universal LED dimmer Mini

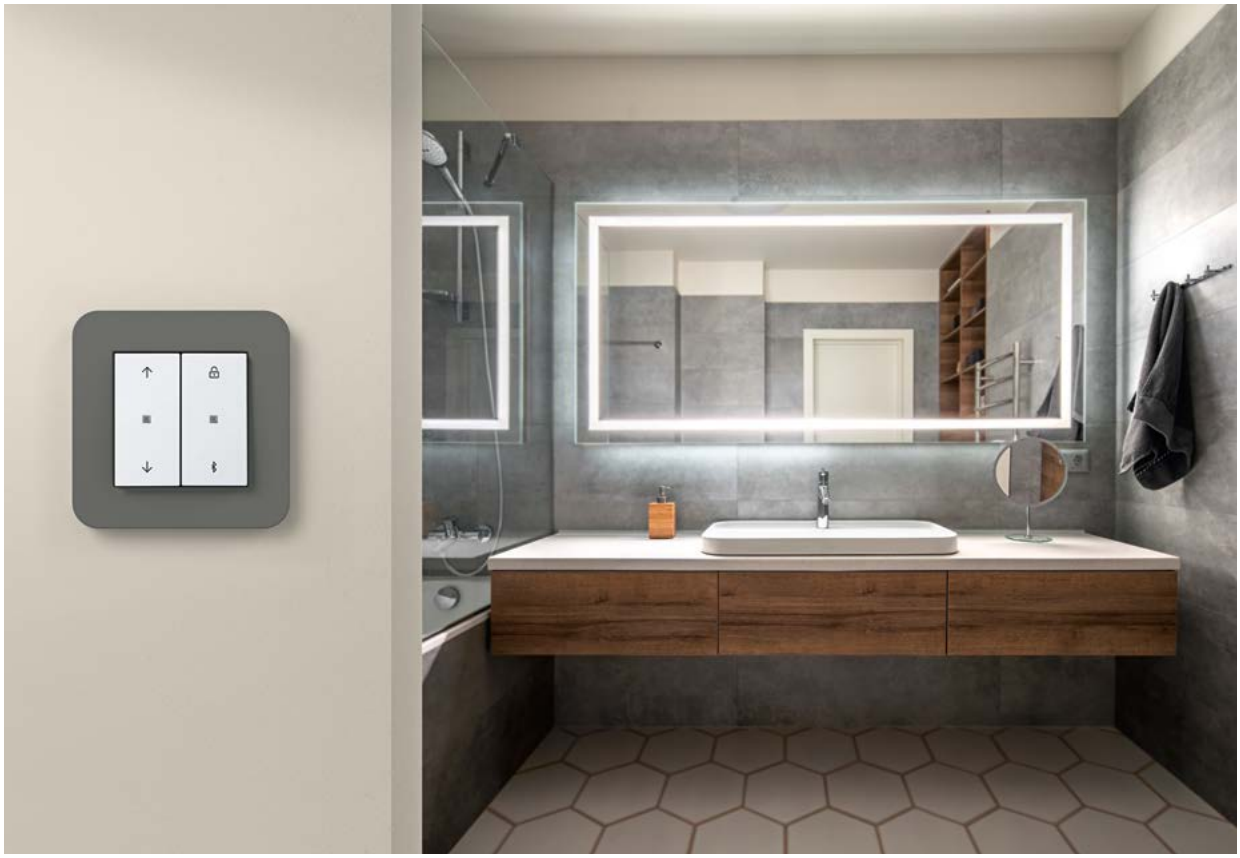
- Dimensions:
  48 × 18 (19.5) mm
- Rated voltage: AC 230 V ~
- Mains frequency: 50/60 Hz
- Test button for function test and operating mode selection:
  - Universal
  - Leading edge
  - Trailing edge
  - Setting for basic brightness
- Auxiliary input for connecting 2-wire and 3 wire System 3000 auxiliary inserts or rocker buttons
- Can be used with or without neutral conductor; with neutral conductor, the minimum load is lower and the dimming behaviour is improved
- Power range:
  - Light bulbs up to 210 W
  - HV LED lamps:
    Leading edge typ. 50 W
    Trailing edge typ. 100 W
- Ambient temperature:
  -5 °C to +45 °C
- Standby power:
  < 0.5 W
- Connections:
  Solid and stranded without ferrule
  0.5 to 4.0 mm^2 or
  2 × 2.5 mm^2,
  fine-stranded with ferrule
  0.5 to 2.5 mm^2



Gira System 3000
compensation module LED

- Dimensions:
  43 × 28.5 × 11.5 mm
- Rated voltage: AC 230 V ~
- Mains frequency: 50/60 Hz
- Enables operation of dimmable HV LED lamps in conjunction with Gira Universal or Tronic dimmers
- Improves the dimming behaviour and prevents flickering and afterglow in dimmable HV LED lamps, also when using switches with orientation light < 3 mA
- Compensates up to 3 light sources
- Installation behind the dimmer or in the light
- Ambient temperature:
  +5 °C to +45 °C
- Standby power:
  < 2 W
- Connection via preconfigured lines, approx. 15 cm long

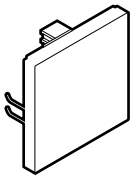
Gira System 3000 blind control, blind timer and timer Display
Design line: Gira E2 flat installation, pure white glossy



Gira System 3000 lighting control, blind timer and timer Bluetooth
Design line: Gira E3 dark grey soft touch, pure white glossy

Gira System 3000
Range overview

System 3000 top units



Gira System 3000
operating top unit

System 55

Cream white glossy
Order no. 5360 01

Pure white glossy
Order no. 5360 03

Pure white matt
Order no. 5360 27

Anthracite
Order no. 5360 28

Colour aluminium
Order no. 5360 26

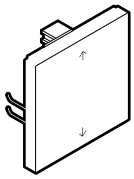
Stainless steel
Order no. 5360 600

Gira E22 aluminium

Aluminium
Order no. 5360 203

Gira F100

Pure white
Order no. 5360 112



Gira System 3000
operating top unit
arrow symbols

System 55

Cream white glossy
Order no. 5361 01

Pure white glossy
Order no. 5361 03

Pure white matt
Order no. 5361 27

Anthracite
Order no. 5361 28

Colour aluminium
Order no. 5361 26

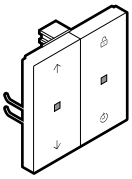
Stainless steel
Order no. 5361 600

Gira E22 aluminium

Aluminium
Order no. 5361 203

Gira F100

Pure white glossy
Order no. 5361 112



Gira System 3000
operating top unit
Memory

System 55

Cream white glossy
Order no. 5363 01

Pure white glossy
Order no. 5363 03

Pure white matt
Order no. 5363 27

Anthracite
Order no. 5363 28

Colour aluminium
Order no. 5363 26

Stainless steel
Order no. 5363 600

Gira E22 aluminium

Aluminium
Order no. 5363 203

Gira F100

Pure white glossy
Order no. 5363 112

Gira System 3000
blind timer and timer
Display

System 55

Cream white glossy
Order no. 5366 01

Pure white glossy
Order no. 5366 03

Pure white matt
Order no. 5366 27

Anthracite
Order no. 5366 28

Colour aluminium
Order no. 5366 26

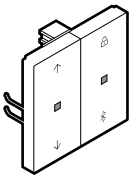
Stainless steel
(lacquered)
Order no. 5366 600

Gira E22 aluminium

Aluminium (lacquered)
Order no. 5366 203

Gira F100

Pure white glossy
Order no. 5366 112



Gira System 3000
blind timer and timer
Bluetooth

System 55

Cream white glossy
Order no. 5367 01

Pure white glossy
Order no. 5367 03

Pure white matt
Order no. 5367 27

Anthracite
Order no. 5367 28

Colour aluminium
Order no. 5367 26

Stainless steel
Order no. 5367 600

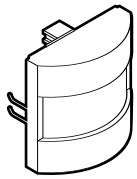
Gira E22 aluminium

Aluminium
Order no. 5367 203

Gira F100

Pure white glossy
Order no. 5367 112

Motion detectors and sensors of System 3000



Gira System 3000
motion detector top
unit 1.10 m
Standard

System 55

Cream white glossy
Order no. 5373 01

Pure white glossy
Order no. 5373 03

Pure white matt
Order no. 53763 27

Anthracite
Order no. 53763 28

Colour aluminium
Order no. 5373 26

Stainless steel
(lacquered)
Order no. 5373 600

Gira E22 aluminium

Aluminium (lacquered)
Order no. 5373 203

Gira TX_44

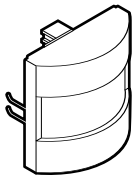
Colour aluminium
Order no. 5373 65

Pure white
Order no. 5373 66

Anthracite
Order no. 5373 67

Gira F100

Pure white glossy
Order no. 5373 112



Gira System 3000
motion detector top
unit 1.10 m
Komfort Bluetooth

System 55

Cream white glossy
Order no. 5374 01

Pure white glossy
Order no. 5374 03

Pure white matt
Order no. 5374 27

Anthracite
Order no. 5374 28

Colour aluminium
Order no. 5374 26

Stainless steel
(lacquered)
Order no. 5374 600

Gira E22 aluminium

Aluminium (lacquered)
Order no. 5374 203

Gira TX_44

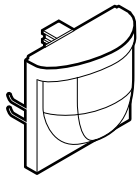
Colour aluminium
Order no. 5374 65

Pure white
Order no. 5374 66

Anthracite
Order no. 5374 67

Gira F100

Pure white glossy
Order no. 5374 112



Gira System 3000
motion detector top
unit 2.20 m
Standard

System 55

Cream white glossy
Order no. 5375 01

Pure white glossy
Order no. 5375 03

Pure white matt
Order no. 5375 27

Anthracite
Order no. 5375 28

Colour aluminium
Order no. 5375 26

Stainless steel
(lacquered)
Order no. 5375 600

Gira E22 aluminium

Aluminium (lacquered)
Order no. 5375 203

Gira TX_44

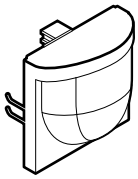
Colour aluminium
Order no. 5375 65

Pure white
Order no. 5375 66

Anthracite
Order no. 5375 67

Gira F100

Pure white glossy
Order no. 5375 112



Gira System 3000
motion detector top
unit 2.20 m
Komfort Bluetooth

System 55

Cream white glossy
Order no. 5376 01

Pure white glossy
Order no. 5376 03

Pure white matt
Order no. 5376 27

Anthracite
Order no. 5376 28

Colour aluminium
Order no. 5376 26

Stainless steel
(lacquered)
Order no. 5376 600

Gira E22 aluminium

Aluminium (lacquered)
Order no. 5376 203

Gira TX_44

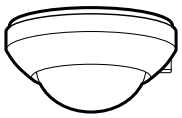
Colour aluminium
Order no. 5376 65

Pure white
Order no. 5376 66

Anthracite
Order no. 5376 67

Gira F100

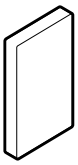
Pure white glossy
Order no. 5376 112



Gira System 3000
presence and motion
detector 360° top unit
Bluetooth

Pure white
Order no. 5377 02

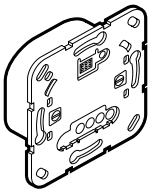
System 3000 sensor



Gira System 3000
brightness and temper-
ature sensor
Bluetooth

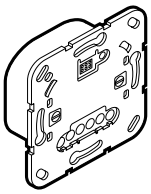
Pure white glossy
Order no. 5466 02

Blind inserts



Gira System 3000
blind control insert
without auxiliary input

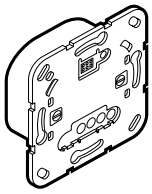
Order no. 5415 00



Gira System 3000
blind control insert
with auxiliary input

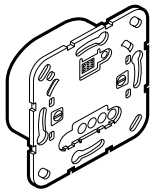
Order no. 5414 00

Light inserts



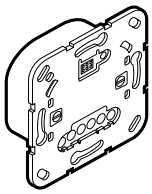
Gira System 3000
universal LED dim-
ming insert
Standard

Order no. 5400 00



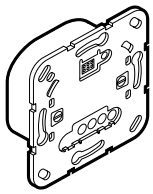
Gira System 3000
universal LED dim-
ming insert
Komfort

Order no. 5401 00



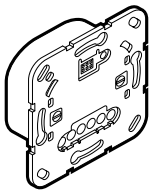
Gira System 3000
flush-mounted
DALI power contro
l unit insert

Order no. 5406 00



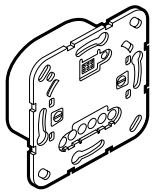
Gira System 3000
relay switching insert

Order no. 5403 00



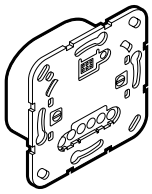
Gira System 3000
electronic switching
insert

Order no. 5405 00



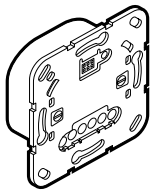
Gira System 3000
impulse insert

Order no. 5410 00



Gira System 3000
auxiliary insert, 2-wire

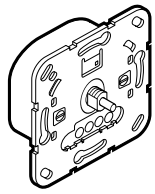
Order no. 5408 00



Gira System 3000
auxiliary insert, 3-wire

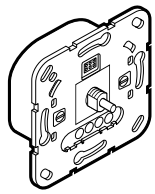
Order no. 5409 00

Compact dimming



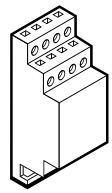
Gira System 3000
universal LED rotary
dimming insert
Standard

Order no. 2450 00



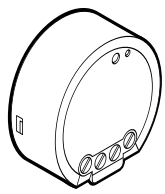
Gira System 3000
rotary auxiliary insert,
3-wire, for LED
dimmer

Order no. 2389 00



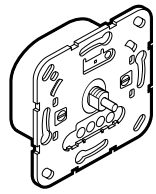
Gira System 3000
universal LED dimmer
DRA

Order no. 2365 00



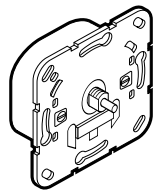
Gira System 3000
universal LED dimmer
Mini

Order no. 2440 00



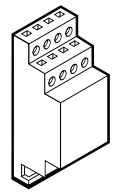
Gira System 3000
universal LED rotary
dimming insert
Komfort

Order no. 2455 00



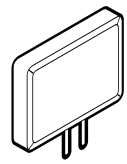
Gira System 3000
LED dimmer
Rotary on/off switch
insert

Order no. 0300 00



Gira System 3000
universal LED power
booster DRA

Order no. 2383 00



Gira System 3000
compensation module
LED

Order no. 2375 00

More about Gira

Intelligent building technology from Gira offers more convenience, greater security, extensive functions, and a high degree of flexibility and mobility. Gira develops and manufactures systems and products that set standards both in technology and design.

More information on Gira and Gira products can be found at:

www.gira.com

The entire Gira product range and individual prices can be found in the Gira online catalogue at:

katalog.gira.de/en

The Gira Design Configurator can be accessed online and includes prices for selected complete devices and functions:

www.designconfigurator.gira.com

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Published by:
Gira, Giersiepen GmbH & Co. KG

Concept, design:
schmitz Visuelle Kommunikation
www.hgschmitz.de

Realisation, editing, layout update:
piratas Werbeagentur
www.piratas.de

Picture credits:
piratas Werbeagentur, vimago GmbH (title page top, p. 04, 09 top, 15-18, 21, 33)
schmitz Visuelle Kommunikation (title page bottom, p. 05, 06, 09 bottom, 10, 11-13, 19, 32)
H. G. Esch, front cover
Architecture of production facility: Ingenhoven and Partner Architects
Gerhardt Kellermann (p. 09 bottom)

Lithography:
vimago GmbH, Krefeld

Print:
paffrath print & medien gmbh, Remscheid

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Gira and sustainability:
Gira has set itself the task of acting responsibly and supporting the sustainable development of society. For the production of this brochure, we have therefore endeavoured to reduce the consumption of resources and emission of harmful gases and to prevent environmental pollution as much as possible.

We strive to reach these goals by using eco-friendly materials. The paper used has been FSC certified and is made of at least 60% recycled paper.

Please visit the Gira sustainability portal for more information on our current activities and projects:

www.sustainability.gira.com

GIRA

Order no. 18541 90 11/18 3. 30

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