



SMART SUN PROTECTION

MADE EASY - FOR EVERYONE

GEIGER

PARTNER TO THE SUN

GETTING STARTED - MADE EASY

Isn't life complicated enough? How about delegating a few tasks? For example, to an **automated sun protection system** that can do some thinking for you - and make your life just a little more **comfortable** and **safer**.



More comfort

The automated sun protection regulates itself in all types of weather. You no longer have to spend time worrying about rolling shutters, Venetian blinds or awnings. Why not make your life easier - you deserve it!

More wellbeing in your home environment

The automated sun protection takes into account solar radiation to ensure that it is neither too hot nor too cold in your home. The closed sun protection keeps your home cool in the summer heat, while the open sun protection lets in every warm ray of sunshine in the wintertime. No more uncomfortable glare and your privacy is always protected too. Your sun and sight protection system autonomously moves up at daylight and down again at nightfall.

More safety

The simulated presence, with automatically moving sun protection components, effectively deters burglars. So you can totally relax during your vacation without having to worry about uninvited guests.

Costs savings

Stormy weather, rain and hail can also cause wear and damage to the sun protection. On bad weather days, the sun protection moves up and retracts autonomously for self-protection. This means no expensive repairs for you.





» Saving energy and protecting the environment

As the sun protection regulates itself, it also regulates the room temperature - so energy-wasting air conditioning is no longer necessary. By using a Smart Home control, the sun protection can be smartly connected with the heating system and air conditioning.

Upgrade and beautify your home

You decide how to design your own four walls - without compromising due to belts or cranks. As a Smart Home solution, the automated sun protection makes your home even more distinctive and therefore increases the value of your property.

- + Automation - Self-regulation of the sun protection system
- + Heat and cold protection - Pleasant room temperature
- + Glare protection - An undisturbed view
- + Sight protection - Ensures privacy
- + Burglar-proof thanks to simulated home presence
- + Weather protection - Reduced repair costs
- + Regulated room temperature - Reduced air conditioning
- + No-compromise interior design - No rolling shutter belts or cranks required
- + Home automation is the future - High buyer demand

LIVING BETTER - MADE EASY

AIR - this is what the smart radio-controlled Geiger drive family is called. And it's here to make your life easier. Thanks to AIR, your sun protection can think for itself - and you no longer have to spend time worrying about it.

COMFORT



WITHOUT GEIGER AIR

Risk of damage to the sun protection

Bad luck! Short weekend break - an unexpected storm hits while you're gone - the extended Venetian blinds are seriously damaged by the wind - an expensive summer day!

WITH GEIGER AIR

More freedom

Well done! Short weekend break - an unexpected storm hits while you're gone - the AIR wind sensor automatically retracts the Venetian blinds - a perfect summer day!

FEEL-GOOD ATMOSPHERE



WITHOUT GEIGER AIR Poor indoor climate

Bad luck! Work finished - the sun poured in all day - forgot to close the rolling shutters - and now it is way too hot at home!

WITH GEIGER AIR Best feel-good climate

Well done! Work finished - the gorgeous sun poured in all day - the AIR sun sensor took care of the rolling shutters - look forward to coming home and relaxing in the pleasant cool rooms!

PROTECTION



WITHOUT GEIGER AIR An all-too brief pleasure

Bad luck! Left home in the bright sunshine - a sudden summer thunderstorm - the extended awning at home is now wet, stained and wavy - so much for the beautiful terrace!

WITH GEIGER AIR Carefree and easy-going

Well done! Left home in the bright sunshine - a sudden summer thunderstorm - the AIR rain sensor retracts the awning automatically at home - enjoy years of pleasure on your beautiful terrace!

INSTALLATION - MADE EASY

AIR is easy to install and retrofit - since the system for smart sun protection communicates via radio. Hardly any cables, hardly any dirt and hardly any effort: with the various AIR components, complete sun protection, both inside and outside the home, can be easily automated. And it can be expanded later on - all the way through to integration into a fully networked Smart Home.



AIR for all

Whether rolling shutters, Venetian blinds, awnings or Zip systems - AIR is available for all types of sun protection. The four specialized AIR drives are optimally matched to the respective hanging requirements and they treat your sun protection with special care and caution.

Ready to use in no time at all

Thanks to innovative AIR technology, installation is very fast. One AIR drive per sun protection element, one AIR weather station and a few AIR handheld or wall-mounted transmitters - that's all you need. No complex wiring, no damage to plaster or interior design. Easy on your nerves and on your wallet.

No distance is too far

No matter how large a home or how thick a wall may be, AIR reaches into every corner. All AIR drives are equipped with MESH technology. This means that each drive not only receives signals, but also passes them on to its neighbours as an amplifier. If the AIR weather station reports „rain“, the message spreads like wildfire via each sun protection and the whole home is informed.



Together is better than alone

What belongs together should stay together. With AIR drives, several sun protections can be grouped together: for example, all rolling shutters in the bedroom. They are controlled simultaneously and perform identically. This is not only easier and safer to use, it looks better too.

More is always possible

Ready to get started now and maybe upgrade later? No problem with AIR. The system operates as a motorized sun protection, as an automated solution and even in a fully automated Smart Home. You decide exactly what, when and how much. You are always on the safe side with AIR. Even better, you are already prepared for the future.

Gateway to a smart world

Every AIR drive guards a hidden treasure. Thanks to its innovative radio technology, the sun protection is **Smart Home Ready**. When AIR is connected with the Loxone Miniserver, the sun protection is integrated into a complete Smart Home control system - and the gateway opens for further smart systems. Sun protection, heating, lighting, safety technology, ventilation ... they all speak the same language. For more comfort, more safety and, quite simply, more life.

PERFECTION - MADE EASY

There are things that are a given with a Geiger drive: for example, simple and easy assembly. User-friendliness too - especially for the non-expert at home. Also included are features that protect the sun protection from wear and damage, as well as functions to ensure that a hanging always stops at an ideal position. Nonetheless, each drive is a specialist in its field. Just like the four AIR drives.

Four experts and a controller



Proven a million times and worldwide in use, the **GJ56 AIR** is perfectly designed for **Venetian blinds**. With its hanging length compensation, it ensures synchronized running of the sun protection elements and perfect facade design.



The functional **Flex AIR** for **rolling shutters and screens** is especially clever with its extremely fast Plug & Play installation - and within just a few seconds, a personal favourite position can be easily set.



The professional **Sun AIR** is an expert for **awnings**. Its closing force reduction system protects textile fabrics and ensures that the awning is completely closed and protected.



The **Zip AIR** moves **Zip systems** with real sensitivity: its reliable obstacle detection senses any resistance at any position on the way to the upper or lower position. Whether it is a gust of wind or a garden chair, the Zip AIR ensures outstanding system protection.





» The **AIR weather station** has all AIR drives under control via sensors for sun, wind, rain and temperature. It controls the entire sun protection fully automatically. A good indoor climate, a pleasant living atmosphere and protection against weather-related damage included.



As LC variant, the **AIR hand-held and wall-mounted transmitters** feature an elegant design and a pleasant soft-touch surface. A total of five different AIR models allow ideal automatic control with up to six channels. An intuitive LED display indicates the drive status.



A little sun protection primer

Automatic shutdown: In both directions, the sun protection is automatically stopped at its final positions in order to protect the hanging.

Hanging length adjustment: The end positions of the retracted and extended sun protections are automatically adjusted to correct small deviations.

Blocking detection: If the sun protection is opening or retracting, it will be stopped when an obstacle is detected on its way in order to avoid damage. This includes the anti-freeze protection in the case of frozen hangings.

Learnable personal favourite position: Frequently needed intermediate positions

between both end positions can be set with just a few commands.

Obstacle detection: When the sun protection is extending or closing, it will be stopped in the case of obstacles on its way to prevent damage.

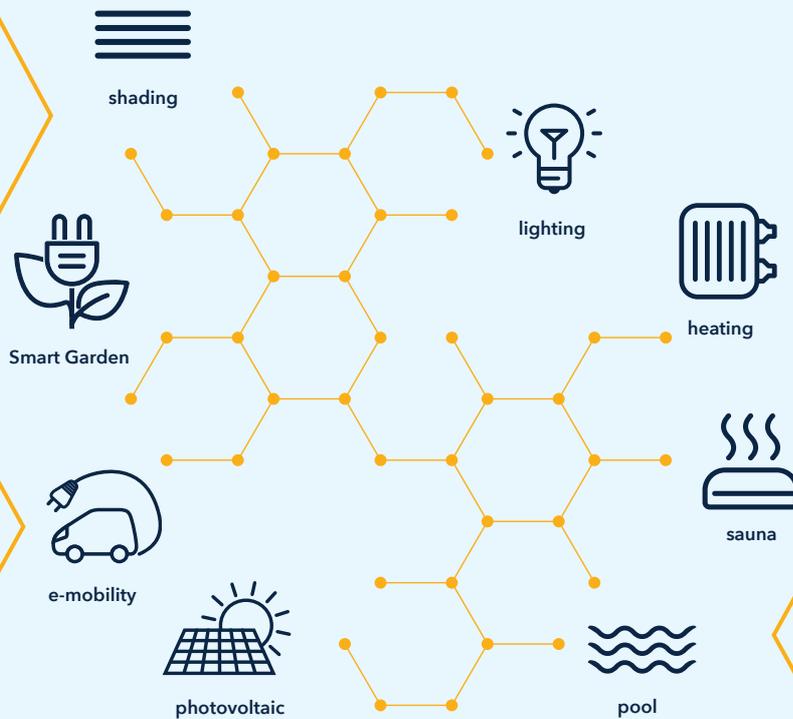
Plug & play: The automatic adjustment of each sun protection element ensures the complete retraction/extension of the sun protection. Moreover, associated hangings are always positioned at the same height.

Closing force reduction: When the sun protection is retracting, the drive operates with less power on the last section in order to protect the hanging.



DELEGATING - MADE EASY

Sun protection that thinks for you, combined with a Smart Home system, makes life even more comfortable. Geiger has found the perfect partner with **Loxone**. The **Loxone Smart Home system with the highest IQ** controls not only the sun protection, but also heating, lighting, etc.



Thinking beyond standard: in the Loxone Smart Home, all systems and components within the home interact together - sort of like a human nervous system. Climate and temperature, shading, lighting, alarm, multimedia and energy management are individually tailored to your needs and preferences.

Moreover, Loxone thinks well beyond your basement and living room - namely all the way outside. Up to the roof, into the garage and even into the garden. Whether photovoltaic, e-mobility, sauna, Smart Garden or pool: you determine how much and how far - and more is always possible.



Save no less than 50,000 hand movements a year

A Loxone Smart Home does it all for you. It thinks like you, knows your needs and acts in accordance with season, weather, presence and lifestyle. Forget your to-do lists and enjoy the many beautiful things in your life!

60,000 happy Smart Home owners

Loxone benefits from a high degree of experience and expertise. And all while protecting your privacy. Since the system is **cloud free**, your personal data remains protected on the Miniserver and is inaccessible to Loxone itself or to third parties.

Thinking into the future

The "Future Lab" is continuously creating new products. Due to ongoing updates, each Loxone Smart Home remains up-to-date with the latest technical developments and is **enhanced every year with new, free-of-charge features** - a convincing benefit when selling your home.

Minimize unnecessary energy costs

Your Smart Home knows where you are at all times and shuts down heating, lighting etc. in unused rooms. When the sun is shining, the photovoltaic system supplies energy for the washing machine, the dryer and the dishwasher.

Gerhard Geiger GmbH & Co. KG

Schleifmühle 6 | D-74321 Bietigheim-Bissingen
Phone +49 (0) 7142 9380 | info@geiger.de

www.geiger.de

