



AUTOMATICALLY MORE **SAFETY,** **COMFORT AND QUALITY OF LIFE**

Easily control roller shutters, sun protection and the entire home.



BECKER
for you. forever.



The reliable solution: Becker.

Since its foundation in 1921, Becker has had one goal:
To develop solutions that make life and living easier.

People all over the world rely on the drives and controls from this fourth-generation family-run company and use Becker to set their homes in motion - from roller shutters and sun protection to centralised home control. Lean back, relax and enjoy greater security, comfort and quality of life. With a solution that is precisely tailored to your requirements.

Durable, future-orientated, sustainable

This is what characterises Becker and its 'Made in Germany' ideas - so that you have more time for the essentials. With Becker, you can rely on innovative products, optimum advice, professional installation - and the good feeling of having made the right decision.

Make your life easier.
Becker - for you. forever.

QUALITY
made in Germany

SUSTAINABLE

Why roller shutters and sun protection?

Indoor climate

Timely closed roller shutters effectively reduce heat loss through the window and save heating costs. Modern roller shutters insulate - in winter from the cold and in summer they keep out heat radiation. Used consistently, depending on the building fabric, you can save up to 15 % energy costs and keep your rooms as cool as possible - even without air conditioning.

Noise protection

Noise impairs quality of life and makes people sick. Modern roller shutters, on the other hand, offer effective noise protection.

Privacy screen

Especially in the dark, it's easy for an unwanted view into your illuminated rooms. You can easily remedy this with roller shutters.

Glare protection

On particularly sunny days or when the sun is low, as is the case in spring or autumn, for example, sunlight can seriously interfere with working on a screen or watching television. Sun protection provides an immediate remedy.

Protection of materials

UV radiation can destroy almost any material - wooden floors, fabrics, leather or plants. Protect your home furnishings.

Health protection

Protects the skin from too much sunlight and ensures pleasant temperatures indoors in summer.

Safety in life

Even if you are away or on holiday, the wind sensor retracts the awning before you notice the change in the weather. Automated roller shutters make your home look permanently occupied and cannot simply be pushed up.

Useful comfort

Whether awning or roller shutter: Both can be conveniently controlled while sitting or lying down. From your sofa or lounger, you can react to any weather conditions, improve the room climate or provide pleasant shade at the touch of a button.

Protect from sunlight

The sun/wind sensor automatically ensures that the awning extends. Light sensors on the window control each roller shutter individually. Even when you are not at home.

And why automated?

Convenient investment

The energy balance is improved, the property value is increased and thus comfort and quality of life are enhanced.

Ecologically responsible

Automated roller shutters and solar shading save on energy-intensive cooling. Roller shutters also save heating energy in winter when they shut down automatically at sunset. Keep your living space liveable - and that of your children.

SUSTAINABLE

by  BECKER



Which Becker solution is right for me?

Anyone can benefit from the advantages of automated drives for roller shutters and sun protection. Existing living spaces can also be easily equipped with them. Whether new build, renovation or modernisation: with Becker you will find the right solution for every situation. Just like for every requirement - from a simple solution to centralised roller shutter and sun shading control.



FIT FOR SMART HOME

Smart roller shutter and sun shading control centre

With the CentralControl CC41 for roller shutter and sun shading applications, you have your home under control at all times - even when you're on the move. Using the integrated timer function, you can easily activate the astro function or set fixed times. This allows you to raise and lower your shutters automatically or switch the garden lighting on and off. You can control everything via smartphone or tablet using the CentralControl. With the CentronicPlus bidirectional radio system, the current position or status of the programmed devices is reported back immediately. This radio system ensures a continuous connection between the transmitter and receiver: the radio signal can reach the drive not only directly from the transmitter, but also via another receiver. Your Centronic devices can also be easily integrated and everything can be controlled centrally.

Perfect automation with radio solutions and clever control

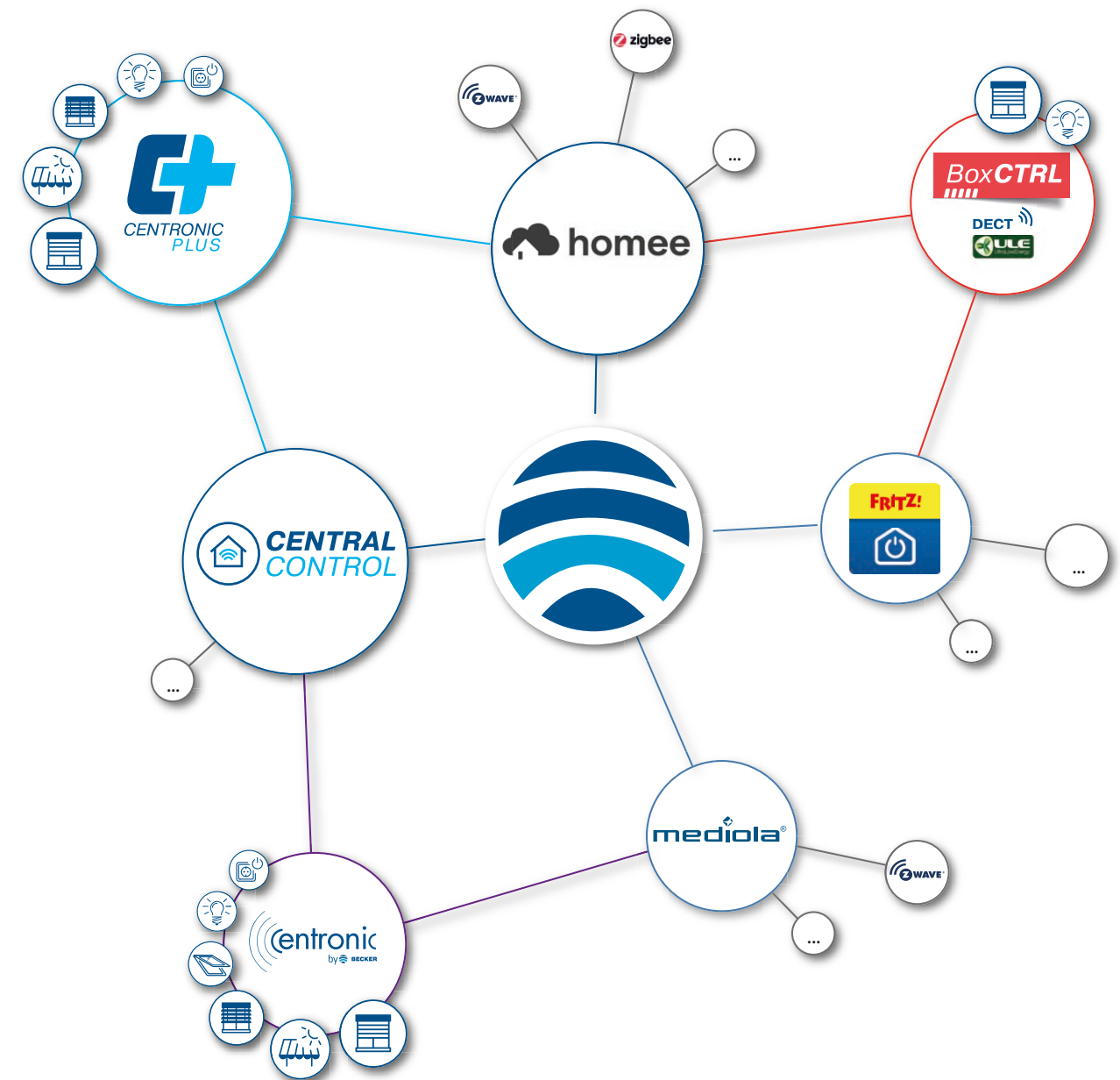
If you value flexibility, external radio receivers or drives with integrated radio receivers are the ideal solution for you. You can use them to control your roller shutters individually, in groups or centrally and can easily expand or change existing groups. You can also lower your roller shutters from the sofa using the handheld transmitter - for a cosy evening in front of the TV, for example. With our radio drives and controls, you are also 'Fit for Smart Home' and can retrofit your radio products with the roller shutter and sun shading control centre CentralControl CC41.

Automation of roller shutter and sun protection systems

Drives with electronic limit switching and the appropriate local controls offer you safety and convenience. The drives automatically recognise when they encounter an obstacle (e.g. a flower pot) and automatically clear the obstacle again. Even if the roller shutter should freeze in winter, the drives automatically recognise the blockage and stop after a brief release of the system to protect the roller shutter. This solution is made particularly convenient by a timer with integrated astro function, which automatically opens and closes the roller shutters at set times or at sunrise and sunset. In sun protection mode, wind and sun threshold values can be defined via the control unit.

Wireless solutions, as individual as you are!

In addition to Becker's own central control system CentralControl, we are open to other standards on the market with various wireless products. Drives and controls from the BoxCTRL series, for example, can be controlled via your FRITZ! box. This means you don't need an additional gateway from a third-party provider. Becker has developed its own CentronicPlus Cube for the homee system. This can be easily integrated into an existing homee automation system and all compatible devices can be connected in an app.



Roller shutter applications

Full flexibility thanks to radio

CENTRONIC PLUS



Roller shutter drives with integrated bidirectional radio receiver type C01 PLUS

- Blockage detection: Switches off in the event of obstacles (e.g. freezing) and an increase in torque
- Sensitive obstacle detection in down direction for optimum protection of the application and the obstacle
- Freeze protection on the top: The drive stops shortly before reaching the upper limit stop position; this position is monitored and corrected cyclically
- Automatic increase of the pressing force with anti-lifting devices
- Fly screen protection function: Detects open insect screen door and prevents damage to the system
- Wireless software update possible

Comfort with wired drives

EVO LUTION



Also available as CentronicPlus radio version

Roller shutter drives with electronic limit switching Evolution technology type EVO R BT

- Evolution technology enables the selection of different driving profiles: Standard, dynamic, whisper mode
- Blockage detection: Switches off in the event of obstacles (e.g. freezing) and an increase in torque
- Sensitive obstacle detection in down direction for optimum protection of the application and the obstacle
- Particularly quiet-running and system-friendly motor technology
- Freeze protection on the top: The drive stops shortly before reaching the upper limit stop position; this position is monitored and corrected cyclically
- Automatic increase of the pressing force with anti-lifting devices
- Fly screen protection function: Detects open insect screen door and prevents damage to the system

Roller shutter drives with electronic limit switching type E01

- Blockage detection: Switches off in the event of obstacles (e.g. freezing) and an increase in torque
- Sensitive obstacle detection in down direction for optimum protection of the application and the obstacle
- Freeze protection on the top: The drive stops shortly before reaching the upper limit stop position; this position is monitored and corrected cyclically
- Automatic increase of the pressing force with anti-lifting devices
- Fly screen protection function: Detects open insect screen door and prevents damage to the system



Radio controls

Handheld transmitter CentronicPlus



- Available as 1-, 8- or 16-channel handheld transmitter
- Enables the programming of one memory time each for up and down
- Switch between manual/automatic mode directly on the control unit



Handheld and wall-mounted transmitter Centronic

- Available as a 1- or 5-channel transmitter, handheld transmitter also available as a 10-channel variant
- Enables the programming of two intermediate positions (per channel)
- Compatible with CentronicPlus drives and external radio receivers

Roller shutter and sun protection control centre CentralControl



- Control of roller shutters, sun protection, lighting, household appliances and much more
- Commissioning, configuration and operation possible via free CentralControl app
- Operation via smartphone, tablet or desktop
- Voice control via Amazon Alexa



homee CentronicPlus Cube

- As an extension of the homee system with the homee Brain Cube
- Control CentronicPlus devices via smartphone or tablet
- On-site operation via Becker handheld and wall-mounted transmitters
- Simple expansion of the system thanks to the modular principle
- Voice control via Amazon Alexa, Google Assistant and Apple HomeKit (beta)

Flush-mounted radio receiver CentronicPlus



- Two programmable memory switching times with daily repetition
- Wireless software update possible
- Connection of an additional control element possible
- Also available as a floating version



Solar light sensor CentronicPlus

- Integrated solar power supply saves cable laying
- Shading and twilight function
- Simple installation on the window pane
- Defined drive commands are possible

Wired controls

Timer with light sensor



- Two intermediate positions programmable
- Shading and twilight function
- Switching times and threshold values preset
- Daily, block and weekly switching programme programmable
- Optional light sensor connectable



Switch/push-button

- Outputs locked against each other
- Can be integrated into switch programmes of many manufacturers
- Defined drive commands are possible



Individual, group and central control

- Timers and sun shading controls can be connected in advance
- Can be combined with any switch programme
- Defined drive commands are possible
- Also available as a device for switch cabinet mounting

Sun protection applications



Radio controls

Wirelessly flexible



Universal sun shading drives with integrated bidirectional radio receiver type C12 PLUS

- Blockage detection with multiple testing
- Two intermediate positions can be programmed
- Memory function: Integrated timer can be activated via MemoControl transmitter
- Fabric untensioning: The drive protects the cloth by relieving the load in the upper end stop position - can be optionally deactivated/activated
- Fabric tensioning: The drive tightens the fabric by moving to a freely adjustable reversing position - can be optionally activated/deactivated
- Higher closing force for cassette awnings
- Compatible with sun/wind/rain sensors for maximum convenience
- Wireless software update possible

Smart shade providers

Universal sun shading drives with electronic limit switching type E12

- Blockage detection with multiple testing
- Fabric untensioning: The drive protects the cloth by relieving the load in the upper end stop position - can be optionally deactivated/activated
- Fabric tensioning: The drive tightens the fabric by moving to a freely adjustable reversing position - can be optionally activated/deactivated
- Higher closing force for cassette awnings

Sun shading drives for zip applications with electronic limit switching type E18

- Blockage detection with multiple testing
- Sensitive obstacle detection with multiple testing
- Fabric untensioning: The drive protects the cloth by relieving the load in the upper end stop position - can be optionally deactivated/activated



Also available as CentronicPlus radio version

Highlights of Becker control units

Handheld transmitter CentronicPlus



- Available as 1-, 8- or 16-channel handheld transmitter
- Enables the setting of all sun shading threshold values for drives and controls
- Switch between manual/automatic mode directly on the control unit

Handheld and wall-mounted transmitter Centronic



- Available as a 1- or 5-channel transmitter
- Enables the programming of two intermediate positions (per channel)
- Threshold values can be set directly on the device
- Automatic can be activated/deactivated directly on the control unit for individual or all channels simultaneously

Roller shutter and sun protection control centre CentralControl



- Control of roller shutters, sun protection, lighting, household appliances and much more
- Commissioning, configuration and operation possible via free CentralControl app
- Operation via smartphone, tablet or desktop
- Voice control via Amazon Alexa

homee CentronicPlus Cube



- As an extension of the homee system with the homee Brain Cube
- Control CentronicPlus devices via smartphone or tablet
- On-site operation via Becker handheld and wall-mounted transmitters
- Simple expansion of the system thanks to the modular principle
- Voice control via Amazon Alexa, Google Assistant and Apple HomeKit (beta)

Sun, wind and rain sensor CentronicPlus



- Integrated rain sensor
- Control button directly on the device
- Suitable for outdoor installation

Sun and wind sensor CentronicPlus



- Integrated transmission control light
- Control button directly on the device
- Suitable for outdoor installation
- Also available as a solar sensor

Plug-in radio receiver CentronicPlus



- Enables programming of 2 intermediate positions
- Venetian blind mode
- Threshold values can be set via a taught-in operating device
- Two programmable memory switching times with daily repetition

Flush-mounted radio receiver CentronicPlus



- Enables programming of 2 intermediate positions
- Venetian blind mode
- Threshold values can be set via a taught-in operating device
- Two programmable memory switching times with daily repetition

Wired controls

Sun protection control



- Enables programming of 2 intermediate positions
- Venetian blind mode
- Switching times and threshold values preset
- Sun/wind sensor can be connected

Individual, group and central control



- Timers and sun shading controls can be connected in advance
- Can be combined with any switch programme
- Defined drive commands are possible
- Also available as a device for switch cabinet mounting

Control roller shutters and screens with the power of the sun

Mains-independent solutions do not stop at roller shutter and sun protection applications. With the SolarKit from Becker, roller shutter and screen applications can be powered by solar panels. Solar energy can also be used to monitor your sun shading system: With the solar sun/wind sensor. The solar power supply eliminates the need to lay cables, which makes the product particularly attractive for retrofitting.

Becker's solar products are an important step towards a resource-saving future in the field of home automation. The option of solar operation combines sustainability with modernity.



Highlights SolarKit

- With integrated solar power supply, there is no need to lay cables
- Operating mode switchable between roller shutter and screen operation
- Two intermediate positions can be programmed
- Noise reduction via soft start-up and stop
- Setting the threshold values possible via the sensor
- Integration into Becker CentralControl possible
- More than 100 operating cycles can be achieved from one battery charge
- Control and charging electronics integrated in the drive
- Burglary resistance through the use of rigid shaft connectors
- Compact installation directly in the element

SOLAR ENERGY

Highlights Solar sun/wind sensor

- Integration into Becker CentralControl possible
- Integrated solar power supply saves on cable laying
- Compatible with the homee smart home system
- Mesh technology ensures the automatic networking of all devices to create a powerful network
- Integrated transmission pilot lights
- Control button directly on the device
- Adjustable sensor foot for optimum mounting



Control roller shutters with the FRITZ!Box



Where other smart home fans spend a lot of money on a gateway, with a suitable FRITZ!Box you already have a command centre for your roller shutter control. All drives are integrated into the automation system right from the start. BoxCTRL drives from Becker can be controlled entirely according to your wishes, e.g. via:

- FRITZ!DECT 440 wireless push-button or FRITZ!DECT 400 wireless push-button
- FRITZ!App Smart Home
- FRITZ!Fon C6 / C5
- or a wired single push-button to match your switch programme

Highlights of the BoxCTRL drives

- Blockage detection: Switches off in the event of obstacles (e.g. freezing) and an increase in torque
- Sensitive obstacle detection in down direction for optimum protection of the application and the obstacle
- Two intermediate positions can be programmed
- Freeze protection on the top: The drive stops shortly before reaching the upper limit stop position; this position is monitored and corrected cyclically
- Automatic increase of the pressing force with anti-lifting devices
- Soft upper stop
- Fly screen protection function: Detects open insect screen door
- Wireless software update possible



Retrofitting roller shutters, blinds and light

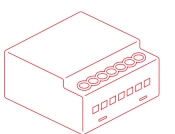
Are you already using electric drives for roller shutters or blinds? No problem: Existing drives can simply be retrofitted with our BoxCTRL VC420 DECT radio receiver and controlled via the FRITZ!Box.

Highlights of the radio receiver:

- Enables retrofitting of already installed drives in the FRITZ!Box home automation system
- Wireless software update possible
- Connection of an additional control element possible
- Can be installed in any deep flush-mounted switch box behind the control element

Would you like to fully control light sources via the FRITZ!Box? Then rely on our LC422 DECT wireless receiver specially designed for light control. **Highlights of the radio receiver:**

- Enables the integration of lighting into the FRITZ!Box home automation system
- Wireless software update possible
- Two buttons can be connected for transmission channels: Linking intelligent functions via the FRITZ!Box
- Can be installed in any deep flush-mounted switch box behind the control element



Solutions for the second escape route



When using electric roller shutter drives, it is particularly important to keep an eye on the second escape route. In the event of a fire or power failure, windows and doors must continue to serve as a safe escape route.

Becker offers two different products for these cases: The HCS520 and the EscapeSet.

These products enable reliable emergency opening, even in the event of a power failure.

This means that the way out is not blocked in an emergency.

Escape route solution with the HCS520

With the Becker escape route solution with the HCS520, the roller shutter drive is supplied with power by a rechargeable battery in the event of a 230 V mains failure and raises the blind independently in the event of a mains failure. Individual operating buttons, group buttons, smoke detectors or other potential-free controls can also be connected to the central module.



Highlights at a glance:

- Enables fast operation, even in the event of a power failure
- Automatic opening of the blind in the event of a power failure
- Including accessories for installation in the existing winding shaft
- Additional safety switch included in the set
- Optional connection of a higher-level control unit or a smoke detector
- Easy to maintain thanks to control/battery unit mounted inside

Escape route solution with the EscapeSet

With the Becker EscapeSet, the curtain can be easily and quickly cranked upwards in any situation using a hand crank mounted in the interior. After using the hand crank, the drive automatically finds its end positions again without having to be reset. The hand crank only turns during the first installation run. After that, it remains inconspicuous and fixed in a bracket next to the window. The EscapeSet is available for top-mounted and new-build elements.

Highlights at a glance:

- Enables fast operation, even in the event of a power failure
- No end position loss after operating the hand crank
- Optimised transmission ratio enables fast operation in an emergency
- Hand crank stationary in normal operation
- Including accessories for installation in the existing winding shaft



Safety for your awning - even during a power failure

Your awning provides valuable protection against the sun's hot rays and UV protection in summer. A change in the weather can lead to minor power failures, which is particularly dangerous for awnings with electric sun protection drives. It is no longer possible to react to wind and rain and there is a risk of the awning being damaged as a result.

The specially developed drive types E33 and C33 from Becker counteract this risk. The drives are equipped with smooth-running emergency manual operation and can therefore also be used in the event of a power failure. Cranked in quickly by hand, your awning is protected from bad weather.



Highlights of the sun shading drives with emergency manual operation

- Blockage detection with multiple testing
- Two intermediate positions can be programmed
- Fabric untensioning: The drive protects the cloth by relieving the load in the upper end stop position - can be optionally deactivated/activated
- Fabric tensioning: The drive tightens the fabric by moving to a freely adjustable reversing position - can be optionally activated/deactivated
- Higher closing force for cassette awnings
- Compatible with sun/wind/rain sensors for maximum convenience
- Available as wired drive solution (E33) and wireless solution (C33)



A good feeling..

... you can rely on this 100 per cent with products from Becker.
Because in addition to high quality, you get the full service: from optimum advice to professional installation. That's why Becker solutions are best purchased from qualified specialist dealers. So that you as a customer are not only satisfied, but also perfectly happy.

for you. forever.

www.becker-antriebe.com

BECKER-Antriebe GmbH

Drives and control units for
roller shutters, sun protection
and Extended Applications

Friedrich-Ebert-Straße 2 – 4
D-35764 Sinn

Tel.: 0 27 72 / 507-0
Fax: 0 27 72 / 507-110

www.becker-antriebe.com
info@becker-antriebe.com



BECKER
for you. forever.