



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?

The perfect indoor climate



Roller shutters closed in good time effectively reduce heat loss through the window and help save on heating costs. Modern roller shutters provide insulation: they protect against the cold in winter and block radiant heat in summer. With consistent use, you can save up to 15% on energy costs, depending on the building structure, and keep your rooms as cool as possible even without air conditioning.

Protection against noise



Noise affects quality of life and can be harmful to health. Modern roller shutters offer effective protection against noise.

More privacy



When it is dark outside, illuminated rooms can often be seen into easily. With roller shutters, you can easily ensure greater protection from unwanted views.

Glare-free living



On particularly sunny days or when the sun is low in the sky, such as in spring or autumn, sunlight can significantly impair working at a screen or watching television. Sun protection provides a quick remedy.

Protection for your furnishings



UV radiation can damage almost any material – from wooden floors, fabrics, and leather to plants. Protect your home furnishings.

Healthy living



Protects the skin from excessive sun exposure and helps maintain pleasant indoor temperatures in summer.

Protected all around



When you are out or away, the wind sensor responds to changes in the weather and automatically retracts the awning. Automated roller shutters make your home look occupied at all times and make them harder to simply push up.

More comfort in everyday life



Whether it's an awning or roller shutters – you can control both conveniently while sitting or lying down. From the sofa or your sun lounger, you can respond to any weather condition at the push of a button, improve the indoor climate, and create pleasant shade.

Protection from the sun



Thanks to the sun and wind sensor, the awning extends automatically. Light sensors on the window control each roller shutter individually, even when no one is at home.

And why automated?

Added value with comfort



A better energy balance, increased property value, and greater comfort and quality of life make this solution especially attractive.

Designed with sustainability in mind



Automated roller shutters and sun protection reduce the need for energy-intensive cooling. In winter, roller shutters also save heating energy when they close automatically at sunset. This helps you preserve your living environment – today and for generations to come.

SUSTAINABLE

by  **BECKER**

Which Becker solution is right for me?

Everyone can benefit from the advantages of automated drives for roller shutters and sun protection. Existing living spaces can also be equipped with them very easily. Whether for a new build, renovation, or modernization: Becker offers the right solution for every situation. And for every requirement as well – from a simple standalone application to the central control of roller shutters and sun protection.



Smart roller shutter and sun shading control centre

With the CentralControl CC41, you can conveniently control your roller shutters, sun protection systems, and other applications – anytime and from anywhere. As a central unit, it connects your home and enables operation via smartphone or tablet, even while you are away. Thanks to integrated time functions such as the astro function or individually defined switching times, you can easily automate processes: roller shutters move up and down automatically, and lighting switches on or off at the desired time.

The CC11 is the ideal addition for local control directly in the home. As a compact plug-and-play solution in socket format, it is operated via Bluetooth® – without any internet connection. It is particularly suitable for rooms or applications that are to be controlled specifically on site. Practical time functions are also available here and can be set directly via the Be:You app.

Perfect automation with radio solutions and clever control

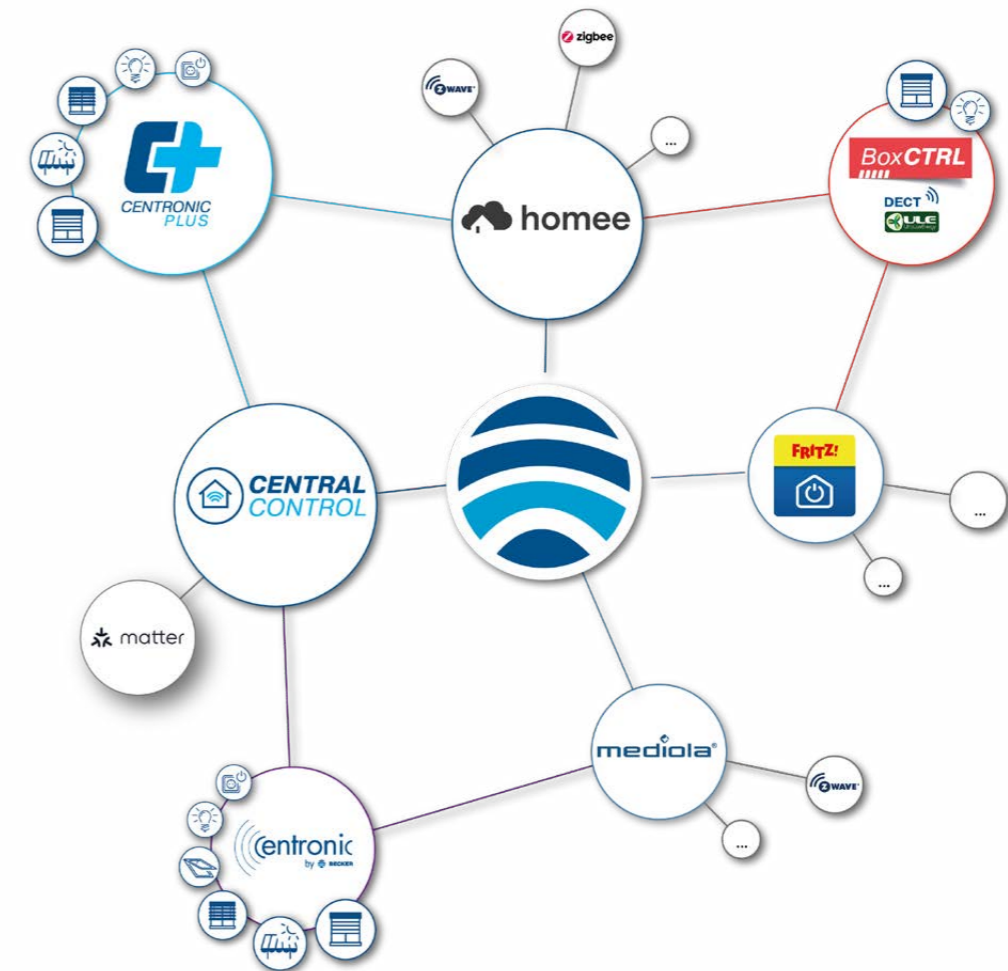
If you value flexibility, external radio receivers or drives with integrated radio receivers are the ideal solution for you. You can use them to control your roller shutters individually, in groups or centrally and can easily expand or change existing groups. You can also lower your roller shutters from 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 CentralControl central control system, our solutions are open to forward-looking standards on the market. A special focus is placed on the Matter® smart home standard. With the CC41, Becker already offers a certified Matter® bridge today, enabling seamless integration into modern smart home ecosystems. At the same time, there will also be a Matter®-enabled drive to provide even greater flexibility and compatibility for connected applications in the future.



Becker App CentralControl



Free app for operating the CentralControl

Becker App Becker-Tool



Free commissioning tool for installers

Becker App Be:You



Free end-user app

Roller shutter applications

Wireless control for greater flexibility

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



EVO LUTION

Roller shutter drives with integrated bidirectional radio receiver featuring 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



Comfort with wired technology

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 CC41

- 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
- Certified Matter® bridge



Smart Bluetooth® compact control CentralControl CC11

- Installation in just a few steps (plug & play)
- Commissioning, configuration and operation via free app
- Operation without internet or network
- Time programs and sun protection settings
- Automatic mode can be activated/deactivated directly on the control unit



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



Highlights of Becker control units

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



Sun protection that thinks ahead

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

Radio controls

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 CC41

- 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
- Certified Matter® bridge



Smart Bluetooth® compact control CentralControl CC11

- Installation in just a few steps (plug & play)
- Commissioning, configuration and operation via free app
- Operation without internet or network
- Time programs and sun protection settings
- Automatic mode can be activated/deactivated directly on the control unit



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

- Two intermediate positions can be programmed
- 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

- Two intermediate positions can be programmed
- 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

- Two intermediate positions can be programmed
- 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 SK460

- 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 control light
- Control button directly on the device
- Adjustable sensor foot for optimum mounting



Control roller shutters with the FRITZ!Box

BoxCTRL

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:

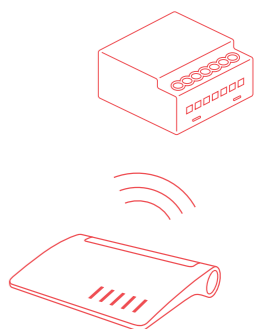
- Enables retrofitting of already installed drives in the FRITZ!Box home automation system
- Wireless software update possible
- Connection of an additional control element possible
- Can be installed in any deep flush-mounted switch box behind the control element



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 important to take the second escape route into account. Depending on the region and building regulations, special solutions may be required to ensure safe escape in an emergency, such as in the event of a fire or power failure. The following applies: not every window or door needs to be equipped accordingly, but only the defined escape routes.

For these cases, Becker offers two different products: the HCS520 and the EscapeSet.

These products enable reliable emergency opening. This ensures 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 E33 and C33 PLUS drive types help protect your awning reliably, even in critical situations. Manual operation in the event of a power failure is carried out using the emergency hand crank, which is an integral part of the awning. The drives themselves do not feature an integrated manual emergency operation, but they do perform an important function: after manual operation, they automatically recognize the end positions again and move to them precisely. This ensures that your awning remains safe and convenient to use at all times.



Highlights of sun protection drives for use in applications with manual emergency operation

- Blockage detection with multiple testing
- Two intermediate positions can be programmed
- Fabric relief: The drive protects the fabric by relieving tension in the upper stop end position – optionally activatable/deactivatable
- Fabric tensioning function: The drive tightens the fabric by moving to a freely adjustable reverse position – optionally activatable/deactivatable
- Higher closing force for cassette awnings
- Compatible with sun/wind/rain sensors for maximum convenience
- Available as a wired drive solution (E33) and radio solution (C33 PLUS)



In the best hands

With Becker, you are choosing peace of mind you can rely on. In addition to high quality, you receive complete service – from expert advice to professional installation. That is why we recommend purchasing Becker solutions through qualified specialist dealers. So that, as a customer, you are not just satisfied, but completely 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.: 02772/507-0
Fax: 02772/507-100

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



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