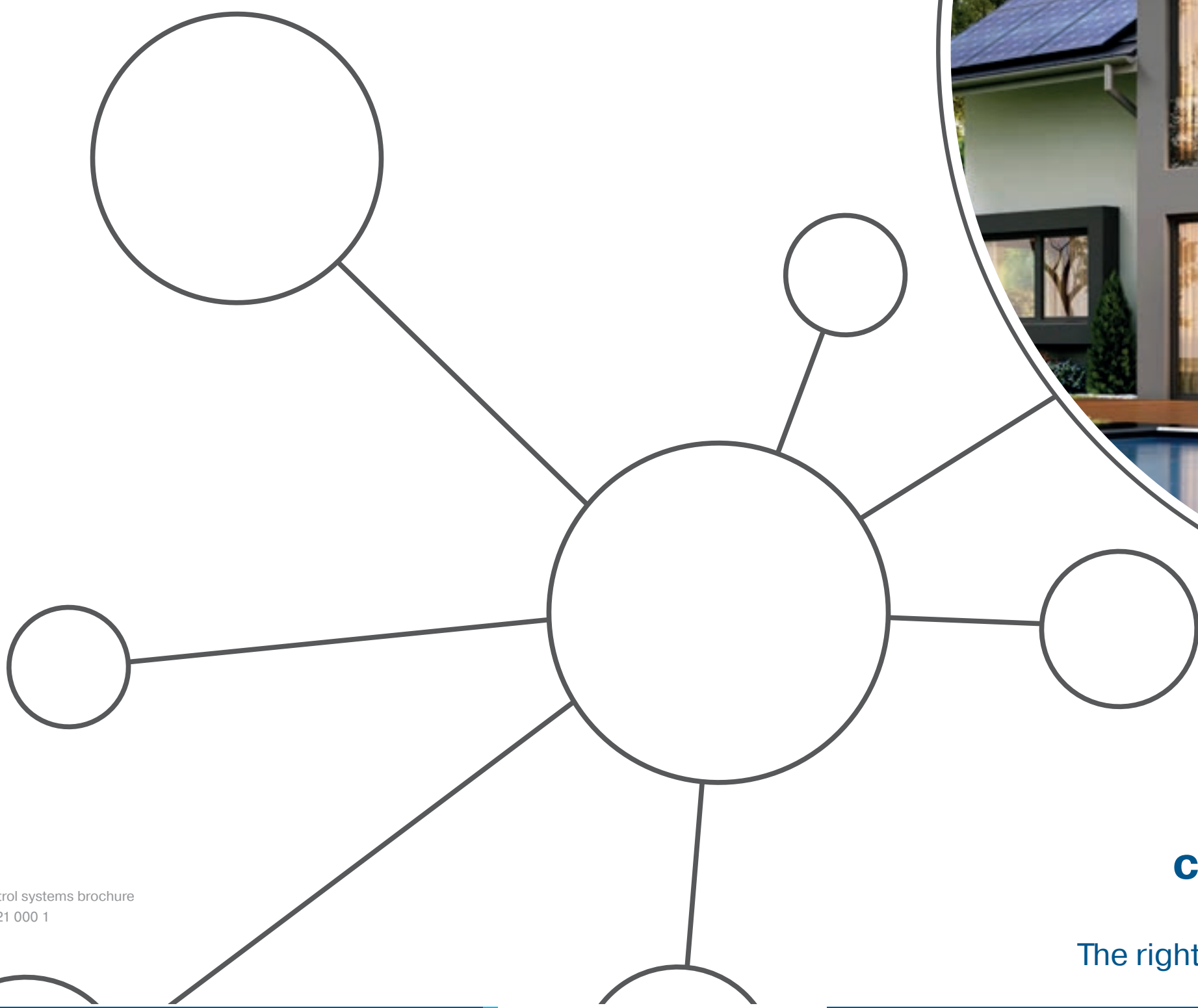


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Drives and control units for roller
shutters, sun protection and
extended applications
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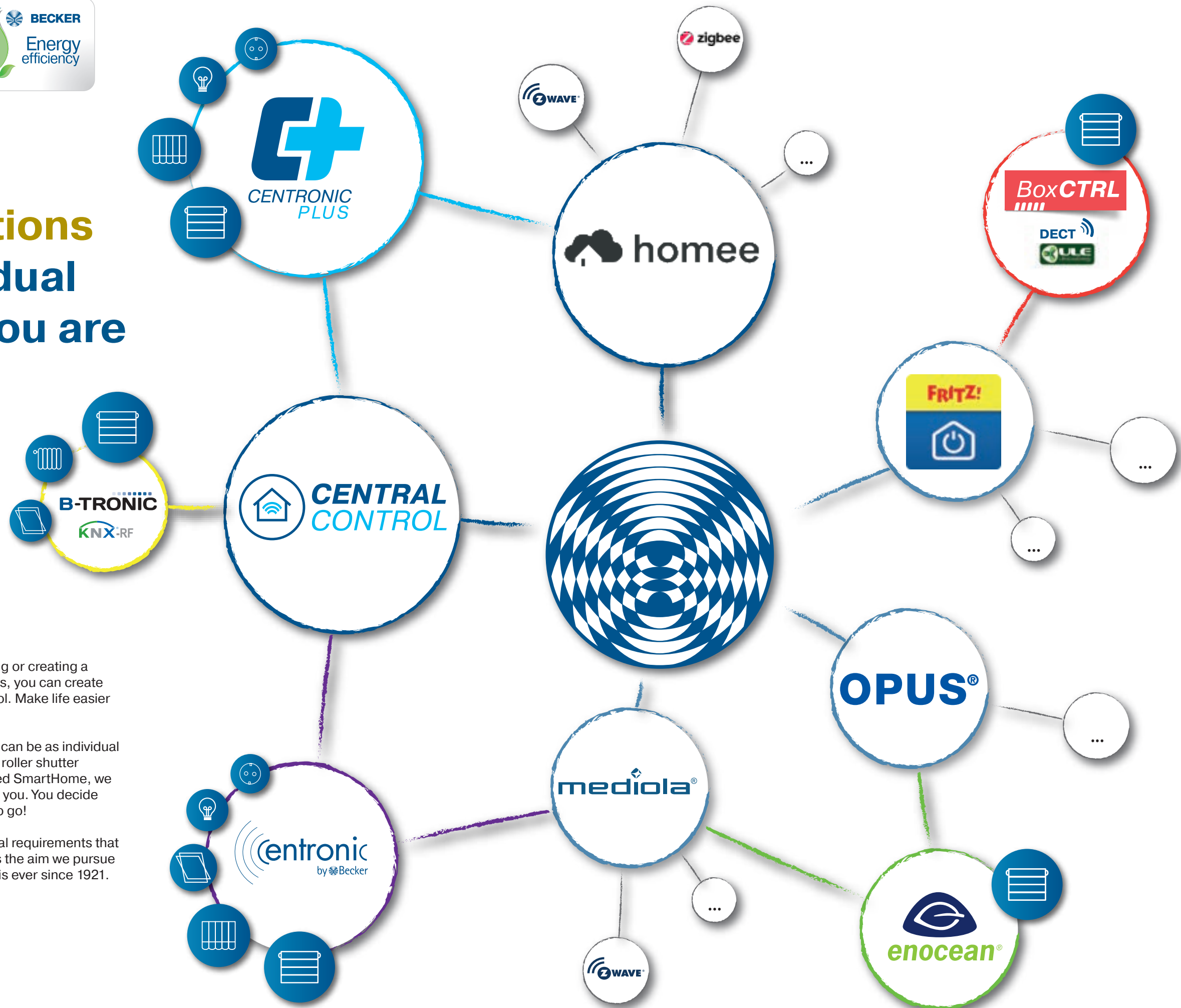
Smart radio control systems

The right solution for every task.

Smart radio control systems brochure
Item no. 4995 021 000 1
As at 07/2021



Radio solutions as individual as you are



Whether you are renovating, converting or creating a new building: with automated solutions, you can create a home where you are always in control. Make life easier for yourself.

Your requirements for intelligent living can be as individual as you and your lifestyle. From simple roller shutter solutions through to the fully networked SmartHome, we have a wide range of solutions to offer you. You decide what you want and how far you want to go!

Developing solutions for your individual requirements that make living and working easier. That is the aim we pursue at Becker. And we have been doing this ever since 1921.

The gateways...

FRITZ!Box

Your router as a central SmartHome control

www.avm.de/smarthome

With the FRITZ!Box, you don't just have a router in the home; it also forms the foundation of a SmartHome system. With the corresponding FRITZ!Box and the FRITZ!App SmartHome, FRITZ! SmartHome devices can be controlled both from the home as well as when out and about.

- Control your roller shutters with BoxCTRL drives via smartphone or tablet
- On-site operation via FRITZ!Fon or various FRITZ! pushbuttons
- Compatible with additional FRITZ! products that meet the DECT ULE radio standard
- No additional gateway required
- Voice control via Amazon Alexa and Google Assistant



"I want to control my roller shutters via my smartphone and tablet. In a way that's simple and that doesn't require any additional gateways or central control units".



"We're looking for a flexible central SmartHome control for a cross-manufacturer and cross-system automation solution that's suitable for upgrading and retrofitting".

...and the relevant radio control systems

BoxCTRL

Control drives with DECT ULE radio via the FRITZ!Box

www.box-ctrl.de

Luxury, convenience, control: the BoxCTRL roller shutter drive is the most ingenious way of turning your roller shutters into smart roller shutters. It's all done using a suitable FRITZ!Box, which a lot of homes will already have.

- Bi-directional radio system
- Open radio standard and hence compatible with products from other manufacturers
- No third-party gateways, central control systems or actuators are needed thanks to the use of the FRITZ!Box
- Option of wireless software update



All of the gateways listed here can also be operated when out and about using the corresponding app.



homee

Creating a smart home cube by cube

www.hom.ee

With homee, all compatible devices can be connected within an app in order to create a completely individual SmartHome. The Brain Cube acts as the central controller, and connects the various radio control systems such as Z-Wave, ZigBee, Warena WMS or Hörmann BiSecur – for the intelligent control of your home.



- Control your CentronicPlus devices via smartphone or tablet
- On-site operation via Becker hand-held and wall transmitters
- The CentronicPlus Cube makes it possible to link the Becker radio to the homee radio worlds
- Easy system expansion based on a modular principle
- Voice control via Amazon Alexa, Google Assistant and Apple HomeKit (Beta)



CentronicPLUS

Connect as if by magic

www.join-the-magic.com

CentronicPlus stands out thanks to the new hand-held transmitter design and the wide range of control options. This radio control system ensures a constant connection between the transmitter and the receiver: the radio signal can reach the drive not only directly from the transmitter but also via another receiver.

- Colour-coded LEDs indicating the status of the receivers being addressed
- Reliable bidirectional radio where the current status of the devices can be retrieved at any time via a gateway
- Interference-resistant radio frequency (868 MHz)
- High-security encryption with AES-128
- Extremely simple management thanks to the automatic detection of new devices and the receiver type (e.g. roller shutter, awning, radio socket, etc.)
- Compatible with a large number of control units from the Centronic II and III series
- Modern operator control design



CentralControl

The intelligent roller shutter and sun protection central control

www.becker-antriebe.com

The CentralControl CC41 central control unit is the heart of the system and connects the Centronic, B-Tronic and CentronicPlus Becker radio control systems. This means that roller shutters and sun protection can be controlled and monitored in as optimal a way as possible. Clever logistics mean smart functions.



- Control your Becker devices via smartphone or tablet with the CentralControl app
- Option of on-site operation via Becker hand-held and wall transmitters
- The open radio standard B-Tronic (KNX-RF) allows for the connection of third-party devices
- Organisation, operation and automation of roller shutters, sun protection systems, dimming and switching actuators and radiator control valves
- Voice control via Amazon Alexa

"It's important to me to be able to operate and monitor my roller shutter and sun protection systems with my mobile phone".



Centronic

Unidirectional roller shutter and sun protection control

Intelligent drives and control units for roller shutters and sun protection systems mean that your applications can be automated securely and conveniently. Thanks to the comprehensive product portfolio, an extremely wide range of demands can be met with regard to the desired automation solutions.



- Unidirectional radio control system
- Compatible with CentronicPlus drives and external radio receivers
- Comprehensive product range with application-specific properties and adjustment options

B-Tronic

Bidirectional communication based on KNX-RF

If a wired KNX bus system is already installed in the property, it can be upgraded or retrofitted with B-Tronic radio products. The open KNX-RF radio standard means that Becker radiator control valves and roller shutter drives can also be controlled using the CentralControl.

- Bi-directional radio system
- Open radio standard and hence compatible with other systems
- Suitable for integration into wired installations thanks to the media coupler



OPUS®

The flexible building system solution

www.opus.eu

The central module for enabling control via mobile end devices is the OPUS® SmartHome gateway, which can be linked to the Apple HomeKit.

- Control your Becker EnOcean drives via iPhone or iPad
- Integration of the Becker roller shutter drives in the Apple HomeKit
- Voice control via Apple HomeKit or Amazon Alexa



"I want to control my roller shutters via the Apple HomeKit".



mediola®

A concept that connects

www.mediola.com

Devices from various different manufacturers can be linked and automated via mediola®, and controlled via the app and by voice.

- Control your Becker Centronic and EnOcean drives via smartphone or tablet
- Link the Becker radio control systems with many other brands and systems such as Homematic IP
- Voice control via Amazon Alexa and Google Assistant



"I'm looking for a flexible, cross-manufacturer automation solution that lets me adapt the user interface to the app".



EnOcean

Environmentally friendly automation thanks to battery-free control

www.enocean-alliance.org

If a building has already been fitted with EnOcean technology or if the customer wishes to integrate and operate the SmartHome via the Apple HomeKit, the EnOcean drives from Becker offer optimal application benefits. The open radio standard means that the drives can be flexibly integrated into different gateways and installations.



- Bi-directional radio system
- Open radio standard and hence compatible with other systems
- Most operator controls and sensors do not need batteries.