



RADIO ACCESSORIES

FOR UNIDIRECTIONAL
RADIO SYSTEM

GEIGER
ANTRIEBSTECHNIK

CUSTOMER BENEFITS

Safety

The GEIGER radio system offers the user maximum safety and convenience.

- Even relatively distant receivers can be reliably addressed with its long range.
- Its sophisticated radio protocol, which has been tried and tested over many years, and the high-quality electronic components used, render operating errors virtually impossible.
- Accidental changes to the end positions/motor settings by the end user are prevented by its delimited programming level (programming range/close range).

Flexibility

Radio offers you the decisive advantage of being able to react to changes in utilisation at any time:

Example office building:

The room layouts often change along with the tenants. This has an impact on the control of the sun protection system. GEIGER radio systems permit very quick reaction without having to make any changes to the cabling.

Example of a detached house:

Radio systems offer great advantages in the retrofit sector: there is no need for control lines and additional cable runs. Group and centralised control systems can also be implemented if the entire building is not to be rewired.

The GEIGER radio system offers the end user modern operating convenience with minimal structural cuts.

TRANSMITTER / RECEIVER / CHANNELS

- **Transmitters** are sensors as well as handheld transmitters. GEIGER radio transmitters always operate in a frequency band around 433 MHz. GEIGER handheld transmitters have up to 50 channels. Each channel can address one or more (e.g., several hundred) receivers.
- **Receivers** are both external radio controls (e.g., for external blind motors) and integrated radio receivers (e.g., in awning and rolling shutter motors). The receiver receives the control commands from the transmitter and then executes the corresponding drive and switching commands.
- Each receiver can be programmed with up to 3 different (handheld) transmitters and an additional 2 sensors can be taught-in.

Details of the GEIGER radio accessories

The radio accessories listed below can be used for all GEIGER motor series:

- Tubular motor series: SOLIDline (GU45..)

GFB00. | 1-channel handheld transmitter



Characteristics

- Selecting a channel
- Stop button to stop the hanging
- Any number of receivers can be assigned to this channel
- incl. battery

Technical data:

Transmission frequency	433.92 MHz
Transmission power	6 dBm
Temperature range	-0 °C to +60 °C
Power supply	2x Micro 1.5 V, type AAA
Dimensions	95 x 42 x 20 mm

Part no.	Colour	Number of channels
GFB001	<input type="checkbox"/> white	1
GFB002	<input checked="" type="checkbox"/> black	1

GFB00. | Holder for 1-channel handheld transmitter GFB00.



Part no.	Colour
GFB003	<input type="checkbox"/> white
GFB004	<input checked="" type="checkbox"/> black

GFB0.. | Comfort 15-channel hand-held transmitter with timer GFB0..



Characteristics

- These 15 channels can have any number of receivers assigned
- Large buttons for simple navigation and intuitive operation
- Multifunction buttons for performing the displayed functions
- incl. battery
- Total Control: Synchronous control of channels 1 to 6

Technical data

Display size	2", 240 x 320 px
Transmission frequency	433.92 MHz
Transmission power	6 dBm
Temperature range	-0 °C to +60 °C
Power supply	2x Mignon 1.5 V, type AA
Dimensions	167 x 50 x 30 mm

Part no.	Colour	Number of channels	Timer	Total Control
GFB011	<input type="checkbox"/> white	15	yes	-
GFB012	<input checked="" type="checkbox"/> black	15	yes	-
GFB021	<input type="checkbox"/> white	15	yes	yes
GFB022	<input checked="" type="checkbox"/> black	15	yes	yes

GFB0.. | Holder for 15-channel handheld transmitter GFB00.



Part no.	Colour
GFB013	<input type="checkbox"/> white
GFB014	<input checked="" type="checkbox"/> black

GRE001 | External radio receivers with Hirschmann connection on both sides



Characteristics

- Comfortable installation between the Hirschmann plugs (STAK3/STAS3)
- Suitable for mobile mounting
- Available modes for controlling Venetian blinds and rolling shutters

Technical data

Supply voltage	230 V (+/-10%) / 50 Hz
Frequency	433.92 MHz
Temperature range	-0 °C to +60 °C
Protection class	IP 54
Dimensions	135 x 35 x 35 mm

Part no.	Colour
GRE001	■ black

GRE002 | External flush-mounted radio receiver



Characteristics

- Suitable for installation in a commercial concealed socket
- Additional option of connecting an control switch
- Available modes for controlling rolling shutters and Venetian blinds

Technical data

Supply voltage	230 V (+/-10%) / 50 Hz
Frequency	433.92 MHz
Temperature range	-0 °C to +60 °C
Protection class	IP 54
Dimensions	135 x 35 x 35 mm

Part no.	Colour
GRE002	■ black

GRE40. | Vibration sensor



Characteristics

- Unobtrusive mounting in the awning's front profile
- Installation without screws thanks to high-quality adhesive strips
- Sensitivity adjustment in 10 levels
- Simple commissioning by pairing
- incl. battery

Technical data

Transmission frequency	433.92 MHz
Transmission power	6 dBm
Protection class	IP 54
Temperature range	-0 °C to +60 °C
Power supply	2x Micro 1.5 V, type AAA
Dimensions (L x W x H)	150 x 35 x 25 mm (incl. 5 mm base plate)

Part no.	Colour
GRE400	■ black
GRE401	□ white

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