

Radio remote controls for rolling shutters and sunshade controls

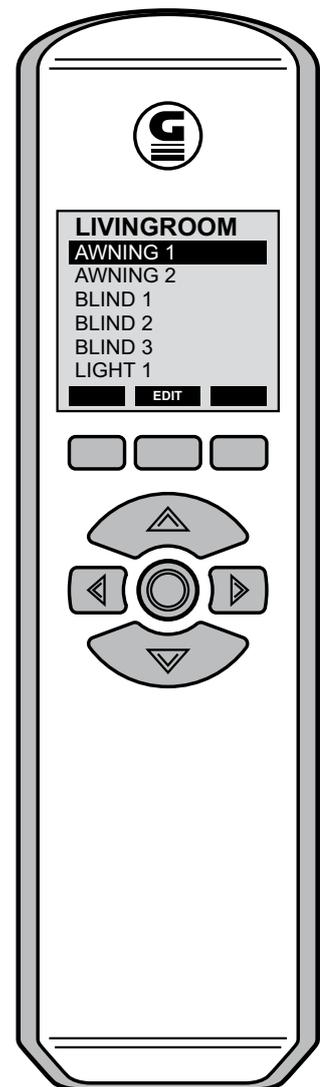
3-channel GF0040

6-channel GF0041

12-channel GF0042

Comfort handheld transmitter
with graphic display

EN Operating instructions



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Contents

1. Introduction	3
2. Safety instructions	3
3. Intended use	3
4. Transmitter types	3
4.1 Comfort 3-channel display handheld transmitter GF0040	3
4.2 Comfort 6-channel display handheld transmitter GF0041	3
4.3 Comfort 12-channel display handheld transmitter GF0042	4
5. Operating conditions	4
5.1 Operational mode	4
5.2 Sleep mode	4
6. Operating instructions	5
6.1 Multifunction keys	5
6.2 Navigation keys	5
6.3 Turning on the display transmitters GF0040 / 41 / 42	6
6.4 Selection of the actuator / receiver	6
6.5 Send a radio command	6
7. Programming and coding instructions	7
7.1 Select the language	7
7.2 Enter areas, devices, actuators and codings	7
7.3 Transfer set codings on actuators / receivers	12
7.4 Selection of various actuators / receivers	12
7.5 Delete or modify areas, actuators and codings	13
7.4.1 Delete individual actuators	13
7.4.2 Reset to factory setting	14
8. Care and Maintenance	15
9. Notes on waste disposal	15
10. Technical data	15
11. Declaration of conformity	15

1. Introduction

The purchase of a **comfort handheld transmitter with graphic display** was a good decision. You have acquired a high-quality product from the house of GEIGER.

The comfort handheld transmitters allow you to send three, six or twelve different codings to control a range of different actuators (receivers). The control can be either

- Individual
- Grouped or
- Centralized .

No labour-intensive and time-consuming laying of control lines is needed as all switching signals are transmitted via radio.

The following actuators (radio receiver with integrated control) can be controlled with the GEIGER comfort handheld transmitters:

- **all GEIGER motors with built-in radio receivers**
- **all external GEIGER radio receivers**

2. Safety instructions

The operation of the actuators and the electrical products shall only take place when you are sure that there is no risk to people, animals or property.

- The radio remote control should be kept out of reach of children
- If service work or adaptations are necessary, the device is to be immediately taken out of service and secured against inadvertent use.

3. Intended use

The comfort handheld transmitter is only to be used for its intended purpose as described under Section 1 of the operating instructions.

Changes or modifications to the transmitter void any rights to claims under the guarantee. After unpacking the device, check it right away for any damage. Transport damage is to be reported to the supplier immediately.

4. Transmitter types

4.1 Comfort 3-channel display handheld transmitter GF0040

- One area for the selection of three different codings (actuators).
- Labelling of the actuators with library terms
- Any number of receivers can be assigned to the three different codings
- Large keys for easy navigation and intuitive operation
- Multifunction keys to perform the functions shown on the transmitter display, for example sun automatic on / off.

4.2 Comfort 6-channel display handheld transmitter GF0041

- One area for the selection of six different codings (actuators).
- Labelling of the actuators with library terms
- Any number of receivers can be assigned to the three different codings
- Large keys for easy navigation and intuitive operation
- Multifunction keys to perform the functions shown on the transmitter display, for example sun automatic on / off.

4.3 Comfort 12-channel display handheld transmitter GF0042

- Two areas for the selection of six different codings (actuators).
- Labelling of the actuators with library terms
- Any number of receivers can be assigned to the three different codings
- Large keys for easy navigation and intuitive operation
- Multifunction keys to perform the functions shown on the transmitter display, for example sun automatic on / off.

5. Operating conditions

In order to maximize battery lifetime, three different energy modes are available.

The power-saving mode is also equipped with a key lock, for avoidance of unintentional switching, such as the closing of a shutter.

5.1 Operational mode

Press OK key to turn on the transmitter (wake up process from the power saving mode) the first location shows on the display. All keys are active and the display is illuminated.

5.2 Sleep mode

If no action takes place within 10 seconds, the transmitter goes into sleep mode. The display light shuts off but all keys keep active. When actuating a key again the display light turns on.

You get the transmitter to enter the deep sleep mode when all keys are not actuated for 1 minute. The display shuts down. The OK key keeps active.

To wake the transmitter back up, simply press the OK key.

6. Operating instructions

6.1 Multifunction keys

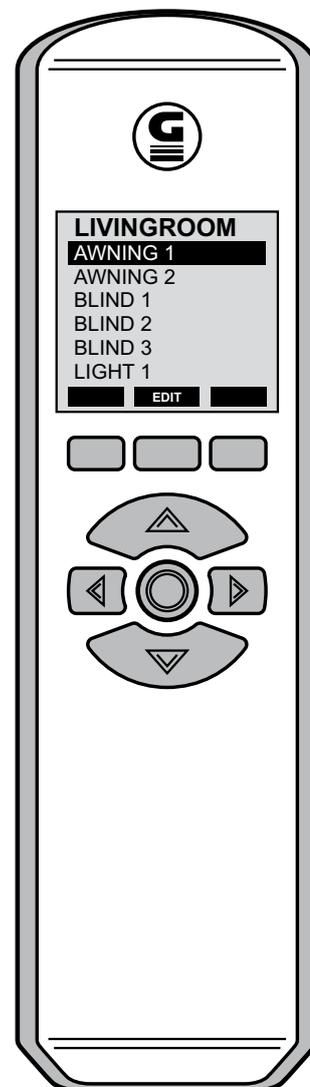
The functions of the keys appear on the display above each key:

-  „ML“ **multifunction key on the left side**
Exit selected menu item
-  „MO“ **multifunction key top**
Change to menu level “settings”
-  „MR“ **multifunction key on the right side**
Attention: this key confirms in menu item “factory setting” the return to “factory setting”
-  „ED“ **multifunction key EDIT**
opens the programming mode press key 4 seconds
-  „OK“ **multifunction key OK**
to confirm settings

6.2 Navigation keys

These keys have several functions:

-  Exit or change the menu items
-  Vertical change of the menu items or send the selected radio command
-  “OK” navigation key
to ACTIVATE the device
to SEND (one-channel) and
to CONFIRM several functions.



6.3 Turning on the display transmitters GF0040 / 41 / 42

Press "OK" key



The device turns out when no keys are activated.

After 10 seconds the display light turns off, after 60 seconds, the device enters the deep sleep mode.

6.4 Selection of the actuator / receiver

To select «Blind 2» activate navigation key 3 times:



6.5 Send a radio command

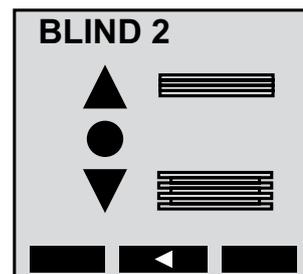
Press "OK" key:



With the navigation keys, select the required direction and press key to send command. The blind can be stopped with the opposite key.



With the multifunction key in the middle, return to actuator selection area 1 living room



7. Programming and coding instructions

7.1 Select the language

Press OK key to activate the comfort handheld transmitter



The GEIGER logo shows for 3 seconds



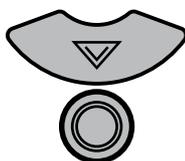
Press key „EDIT“ for > 4 seconds till an arrow displays on the left side



Press the multifunction key when the arrow appears



Display goes to „setting“.



Press 1x navigation key „DOWN“ to select the menu item „Language“ and press the „OK“ key to get to the language selection. Select the desired language, press again the OK key to confirm the selection.



To return to the starting point, press 2 x the multifunction key „ML“



7.2 Enter areas, devices, actuators and codings

The comfort handheld transmitters are free encoded.

You can assign yourself the corresponding actuators (awnings, Venetian blinds, yard gates, garage doors, etc.) as well as different codings.

Activate the key symbols listed in the middle to get to the display indications.

Note: Actuator = device / receiver

- 1 Press OK key to activate the comfort handheld transmitter.



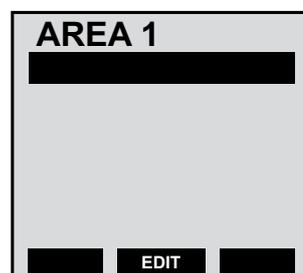
The GEIGER logo appears for 3 seconds.



- 2 You are now in AREA 1 .

The 3-channel and 6- channel transmitters have only one area.

12-channel transmitter: you can switch between area 1 and 2 using the horizontal navigation keys.



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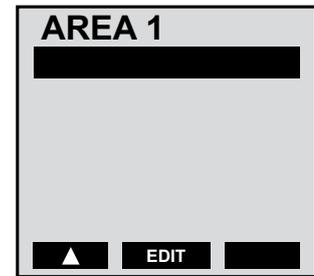
- 3 Press key „EDIT“ for > 4 seconds till an arrow shows on the left side

EDIT > 4 Sek.

Press the multifunction key when the arrow appears



Display changes to „SETTING“.



- 4 An „AREA NAME“ can now be selected from the library
Press „OK“ key



12-channel transmitter: you can now select area 1 or 2 using the vertical navigation keys UP/DOWN

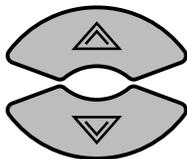
Now press again the „OK“ key



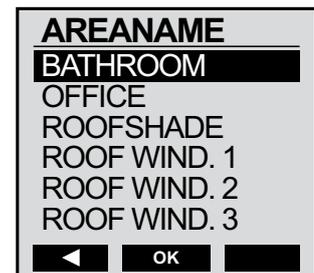
You are now on the next display for the „AREA NAME“, the so-called library.



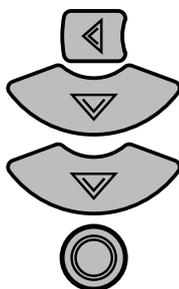
- 5 Activate the vertical navigation keys UP / DOWN to select the name for your area. You can use the horizontal navigation keys to scroll page by page and select the names with UP / DOWN.



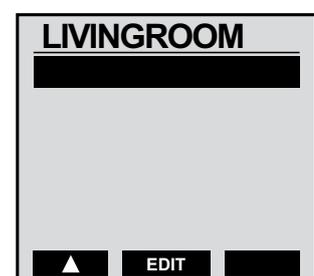
UP / DOWN page by page



- 6 Example: in order to select the area name „LIVING ROOM“ proceed as follows:



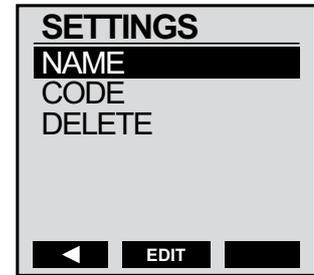
To take over the new area name „LIVING ROOM“ press x 2 the multifunction key „ML“



- 7 In order to set up an actuator (receiver):
Press the „EDIT“ key

EDIT

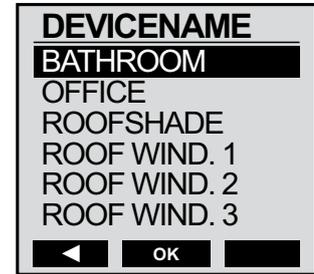
Display changes to „SETTINGS“ / „NAME“



- 8 In the open field „NAME“ you can now set a device (receiver)
Press „OK“ key

OK

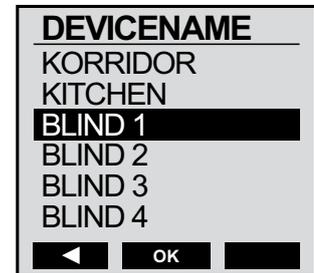
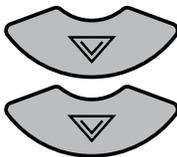
Select the device name from the library.



- 9 If you wish to start with Venetian blind 1 in the living room:
Press five times the right horizontal navigation key



And then twice the vertical navigation key downwards



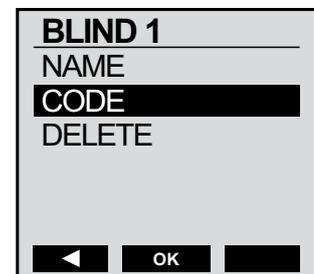
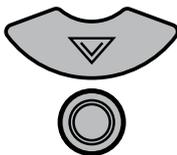
- 10 Press the „OK“ key to select the name BLIND 1



- 11 Now enter coding and actuator type.

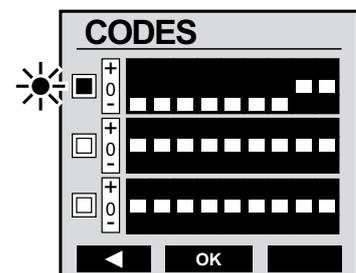
Note: Actuator = device / receiver

Press once the navigation key „DOWN“ and then „OK“.



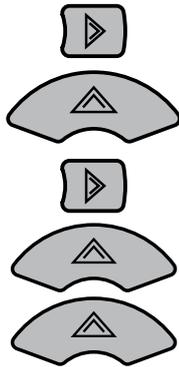
The display now shows three code switches.

Depending on the actuator type one, two or three codings are required. For actuators that are operated with two channels, the second coding is automatically generated.



If handheld transmitters GJ..01 - ..06 are already programmed on actuators / receivers, the DIP switches 8 +9 should be set as follows:
Key pair 1 UP: 0 0 DOWN: 0 -
Key pair 2 UP: - 0 DOWN: - -
Key pair 3 UP: 0 + DOWN: + 0

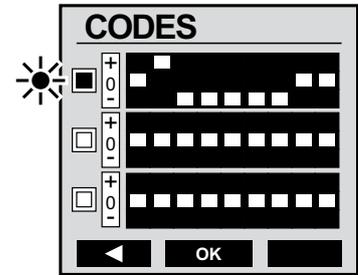
- 12** Activate the horizontal navigation key right to enter the coding switch of DIP switch 1. Activate vertical navigation key to change DIP switch from position „-“ to „0“ or „+“.
The DIP switches 8 and 9 should only be changed in case of a specific channel application.



Leave the first coding switch to select the actuator type



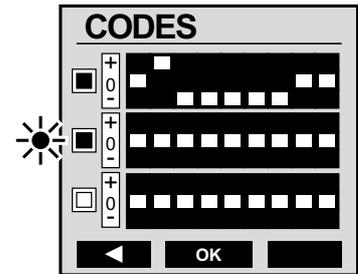
... until you change over to the flashing top box.



- 13** Activate navigation key to get to the second coding switch.



The actuator can be selected with the next operation.



- 14** Press „OK“ key to enter „ACTUATORS SELECTION“



Select the Venetian blind symbol with the navigation key DOWN

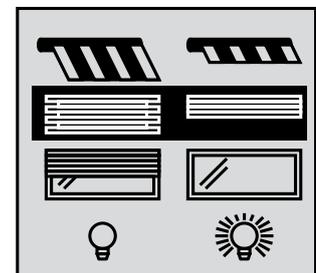
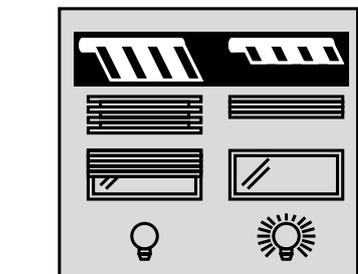


Press the „OK“ key to save the actuator selection



The display changes to show „coding switch 2“ back.

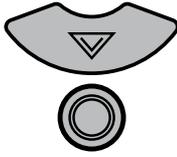
The DIP switch settings 1-7 are saved, the DIP switches 8 and 9 are set on the next channel.



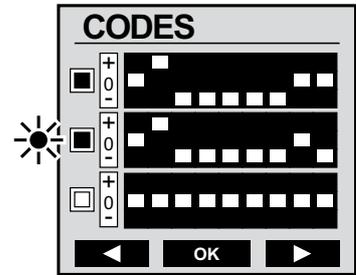
If the selected actuator „Venetian blind 1“ is not controlled by a sensor, then continue straight to step 17.

- 15** To set a sensor coding, you can select any of the DIP switches 1 to 6. The coding of the DIP switches 7 to 9 is automatically generated by the sensor.

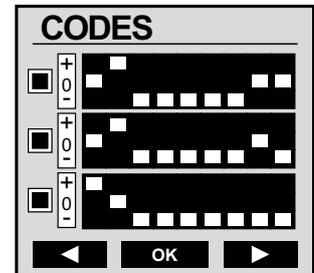
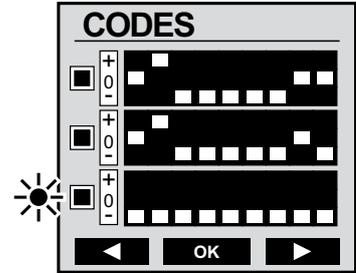
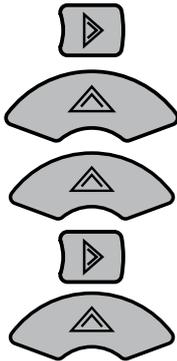
Activate key sequence



to get to the display „Setting of sensor coding“



- 16** Activate the navigation key to set the desired coding for example with key sequence



- 17** With key sequence



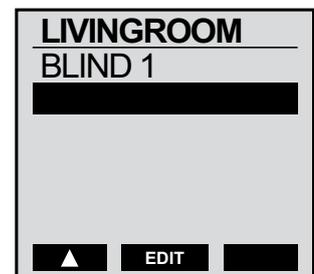
the set codings are saved and you leave the programming level. You are now back in service menu.



Should another actuator be added, press the navigation key DOWN



and start again at point 7



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7.3 Transfer set codings on actuators / receivers

In order to transfer the set codings on the various actuators / receivers, please refer to the operating instructions of the respective devices and to the instruction manuals of the GEIGER motors with integrated and external radio receivers.

7.4 Selection of various actuators / receivers

	Awning DOWN		Awning UP
	Blind DOWN		Blind UP
	Roll. shutter DOWN		Roll. shutter UP
	Light ON		Light OFF
	Dimmer +		Dimmer -
	Window UP		Window SHUT
	Roof light OPEN		Roof light SHUT
	Heating ON		Heating OFF
	Gate OPEN		Gate CLOSED
	Garage OPEN		Garage CLOSED
	Fan ON		Fan OFF
	Group ON		Group OFF

7.5 Delete or modify areas, actuators and codings

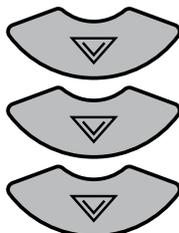
7.4.1 Delete individual actuators

Press key „EDIT“ for > 4 seconds

EDIT > 4 sec.

till an arrow shows on the left side.

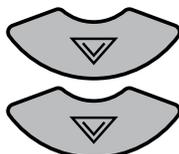
Activate navigation key DOWN to select the actuator.



Activate the multifunction key „EDIT“ to display the actuator

EDIT

Activate navigation key DOWN and go to „DELETE“ if you want to delete Blind 2



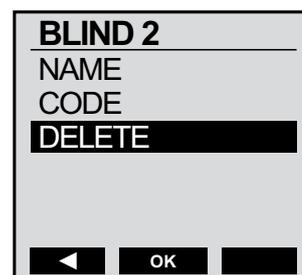
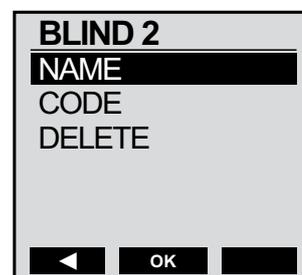
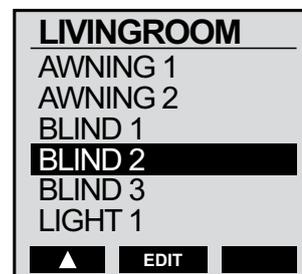
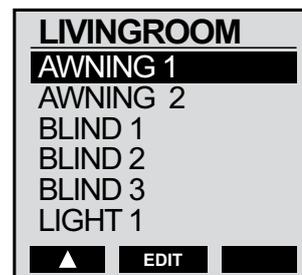
Now delete with multifunction key „OK“

EDIT

and return to operating mode with multifunction key left „ML“



The actuator (receiver) „Blind 2“ is deleted..



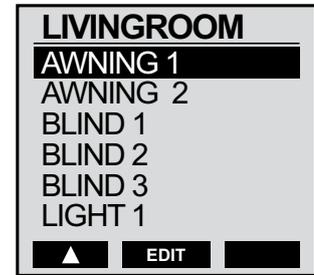
7.4.2 Reset to factory setting

Delete all settings:

Press key „EDIT“ for > 4 seconds

EDIT > 4 sec.

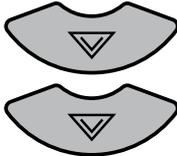
An arrow shows on the left side



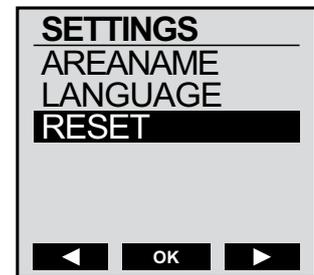
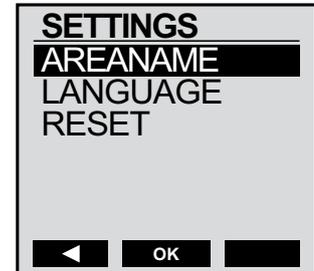
Activate multifunction key



Activate navigation key DOWN to go to „RESET“



Now press the „OK“ key



WARNING!

CLEAR ALL?

IF YOU NOW PRESS THE MULTI-FUNCTION KEY ALL SETTINGS ARE DELETED!



With the multi-function key „left arrow“ you exit this point without making any changes



CANCEL

DELETE

8. Care and Maintenance

Like any electronic device, the comfort display handheld transmitters GF0040, 41 and 42 should be treated with care. The suggestions below will help you fulfil guarantee obligations and enjoy this product for many years to come.

If operated normally, the life of the battery inserted in the device comes to approx. 2 years.

Do not expose to direct sunlight for extended periods.

Clean the transmitter with a damp cloth or an anti-static cloth. If very dirty, clean the unit with diluted neutral detergent such as dishwashing detergent. Remove cleaner residue with a damp cloth. Do not use alcohol-based or corrosive cleaners and no scouring powder!

9. Notes on waste disposal

Recycling of packaging materials

In the interest of environmental protection, please contact your local government's recycling or solid waste management department to learn more about the services it provides.

10. Technical data

Transmitted Frequency	434 MHz
Batteries	3 x Micro 1,5 V, Typ AAA oder LR03A
Power saving mode	If no key is actuated within a 10 second time the light is switched off . If no key is actuated within a 60 second time the device powers off.
Protection class	IP40

11. Declaration of conformity

This product complies with the essential requirements of the directive 1999/5/EC.

It is authorised for use in all EC member states and in Switzerland without any need of prior registration. The Declaration of Conformity concerning this product is available on our website: www.geiger.de.

For technical questions, please call our service team at: +49 (0) 7142 938 333.
They will be happy to assist you.

GEIGER
ANTRIEBSTECHNIK

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