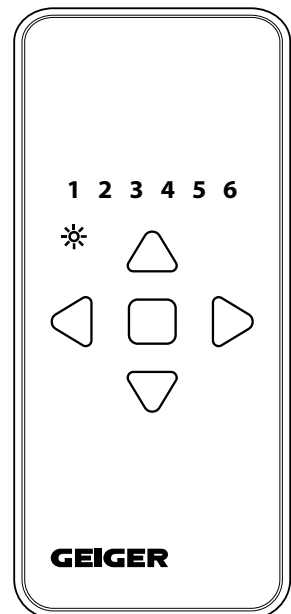


Handheld transmitters GF20..

EN

Original assembly and
operating instructions

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1. General information

Dear customer,

By purchasing a GEIGER radio-controlled handheld transmitter you have decided on a quality product from GEIGER.

Thank you very much for your decision and the confidence placed in us.

2. Guarantee

In the case of incorrect installation contrary to the operating instructions and/or constructional modification, the legal and contractual guarantee for property damage and product liability lapses.

3. Handheld transmitter-specific safety information

Please observe following instructions in order to avoid damage to this product:

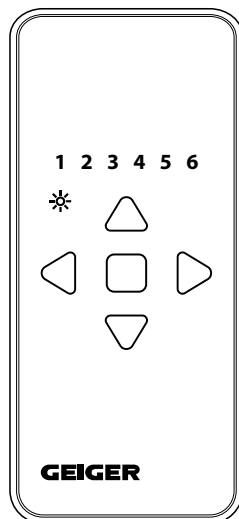
- ▶ **Avoid impacts**
- ▶ **Do not drop the device**
- ▶ **Do not immerse in water or any liquid. Ensure protection against splashing water.**
- ▶ **Never use cleaning agents or abrasive solvents. Clean the surface of the transmitter with a damp cloth.**

4. Scope of delivery

- Handheld transmitter
- Wall holder with screw cover
- Mounting screws and plugs
- Battery type button cell CR2032 (inserted)
- Operating instructions

5. GF20.. / Assignment of keys

Channel display	1	2	3	4	5	6
1, 2 or 6 channels depending on design						
Sun automatic function ON / OFF			☀			
UP key			△			
STOP key			□			
DOWN key			▽			
Channel selection keys	◀					▶



6. Handheld transmitter coding

Each handheld transmitter of the series GF20.. is individually coded.

The coding is done via a coding switch in the transmitter. It should only be changed in exceptional cases. (see "Create a transmitter copy").

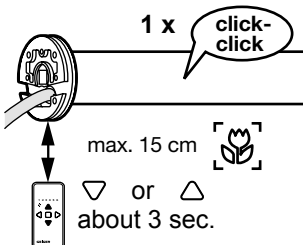
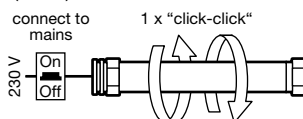
7. Programming a handheld transmitter to a GEIGER motor or an external radio receiver

1. Select the desired channel with the channel selection keys (◀ ▶).

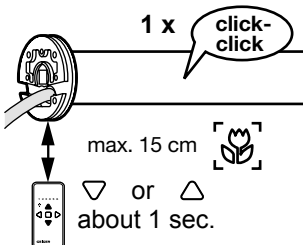
2. Connect the motor to the mains power supply.
The motor makes a short back and forth movement (1x click-click).

After each interruption of the power supply the programming mode can be activated for 30 minutes.

3. Hold the handheld transmitter to the power cable and press the UP (△) or DOWN (▽) key for about 3 seconds until the motor confirms with an audible signal (1x click-click).



4. Hold again the handheld transmitter to the power cable and press UP (△) or DOWN (▽) key for 1 second.
The motor confirms again (1 x "click-click").



Repeat these steps for each desired channel.



Please refer to the operating instructions of the respective motor or receiver for further information or for the adjustment of the end stops.

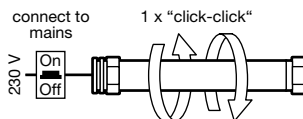
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8. Programming the sun automatic function to a GEIGER motor or an external radio receiver

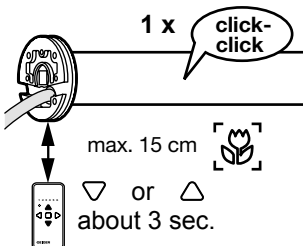


The operation is to be performed during the 30 minutes after the power supply has been switched on.

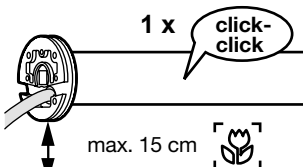
1. Select the sun automatic channel (*) with the channel selection keys (◀ ▶).



2. In the near range press the UP (△) or DOWN (▽) key for about 3 seconds until the motor confirms with an audible signal (1x click-click).

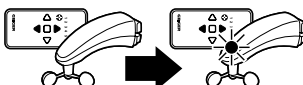


3. Hold the handheld transmitter to the power cable and press the UP (△) or DOWN (▽) key for 1 second. The motor confirms with an audible signal (1x click-click).



Then program the handheld transmitter in the GEIGER sun/wind sensor.

4. Hold the bottom side of the handheld transmitter on the left side of the sun/wind sensor, press the UP or DOWN key – the sun icon (*) of the handheld transmitter lights up – until the red LED of the sun/wind sensor lights up.



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9. Sun automatic

To enable / disable the automatic sun function, press the channel selection keys (◀ ▶) until the sun icon (*) lights up.

The sun automatic function is activated with the UP key (△) and deactivated with the DOWN key (▽).

10. Create a transmitter copy

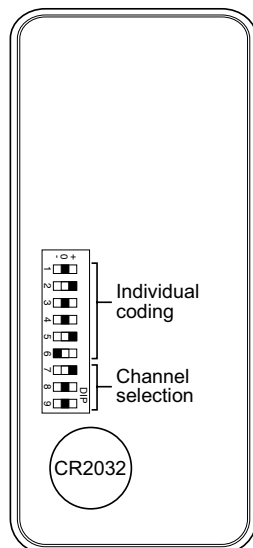
If you want to create a copy of your handheld transmitter with all its functions (e.g. two identical handheld transmitters for two persons), please proceed as follows:

1. Remove the four screws on the back of both handheld transmitters.
2. Remove now the bottom parts of the handheld transmitters.
3. Use the same coding on the second transmitter (copy) as the original one. The keys 7, 8 and 9 are not modified.
4. Screw down again the bottom parts.

This process allows you to create an unlimited number of copies of the original handheld transmitter.

11. Battery replacement

If the display doesn't light up if actuating one of the control keys, the batteries need to be replaced. In this case please unscrew the screws on the back of the transmitter in order to remove the bottom part. Make sure that you use the same type of battery (CR2032).



12. Technical data

Transmitting frequency	433,92 MHz
Temperature range	between -0°C and +60°C
Dimensions	115 x 54 x 26 mm
Power supply	3V type CR2032

Subject to technical modifications

13. Declaration of conformity

The transmitter complies with the relevant technical regulations enacted by the European Community. It bears the CE mark and is authorised for use in all EU member states and in Switzerland without any need of prior registration.

To learn more about the EC Declaration of Conformity pertaining to this handheld transmitter, please visit our website at: www.geiger.de.

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14. 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.

Waste disposal of electric and electronic equipment

Electronic equipment or batteries cannot be discarded along with the normal household waste. Keep for more information on the recycling and disposal methods envisaged by the local regulations in your area.

**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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