GEIGER
ANTRIEBSTECHNIK

Hand-held transmitter
GFB01.

Original assembly and operating instructions

GEIGER

Index

1. General information

Dear customer,

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

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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. Hand-held transmitter specific safety instructions

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.**
► **Do not allow children to play with fixed controls.**
► **Remote controls are to be kept away from children.**

4. Scope of delivery

· Hand-held transmitter
· Batteries 2 x R6 or LR6, type AA
· Operating instructions
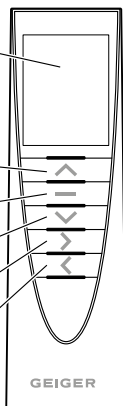
5. Overview GFB01.
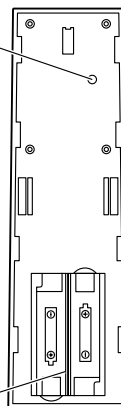
Display

PAIR key

UP key

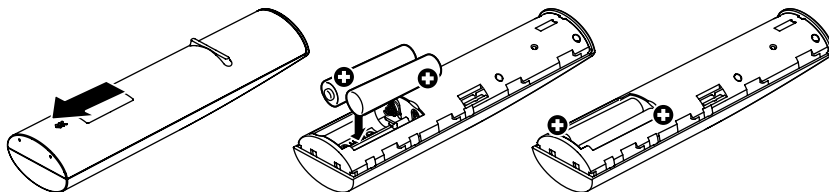STOP key

DOWN key

RIGHT key

LEFT key

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Battery compartment

Front view

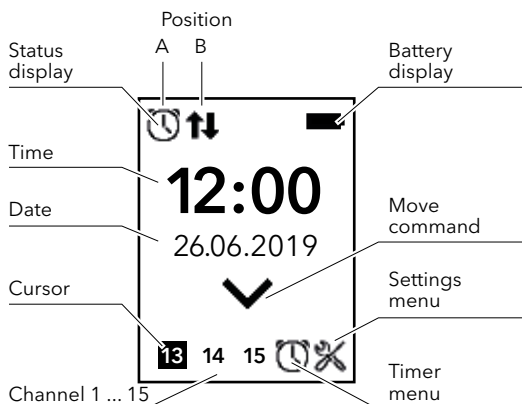Rear view without bottom part

6. Insert batteries

7. Main screen

The cursor can be moved to the left or right with the left and right keys.

You can swift between channels 1 to 15, the „Timer" menu and the „Settings" menu.

If the cursor is over one of the channels 1...15, this channel is selected. Move commands for the corresponding channel can be sent with the UP, STOP and DOWN keys.

The last move command sent is shown in the display for 2 seconds.

Position
A   B

Status display

Battery display

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Time

12:00

Date

26.06.2019

Move command

Cursor

Settings menu

13 14 15
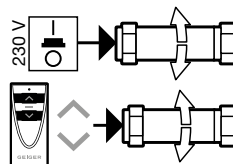
Timer menu

Channel 1 ... 15

If the cursor is over one of the two menus, it can be opened by pressing the STOP key.

Date and time can be changed in the settings menu.

The possible symbols of the status display can be viewed in the following table:

Status display		Pos.
🕐	Appears when there is an active timer.	A
🚫	Appears when there is no active timer.	
↑↓	Appears when the PAIR key is pressed (only if one of the channels 1 ... 15 is selected).	B
▶◁	Appears when the clone function has been activated (flashing for 4 sec.; only if one of the channels 1 ... 15 is selected).	

8. Teach-in the hand-held transmitter on a GEIGER drive or radio receiver

1. Connect the drive to the power supply. The drive clicks (short UP and DOWN movement) and starts in teach-in mode.

2. Press the UP and DOWN keys on the hand-held transmitter simultaneously until the drive clicks. The hand-held transmitter and the drive are connected to each other.

For setting the end positions and further information please refer to the operating instructions of the respective motor or receiver.

9. Further functions

Deleting a hand-held transmitter

1. Press the PAIR key on a hand-held transmitter that is not to be deleted for at least 5 sec. The drive clicks.

2. Press the PAIR key for at least 10 seconds on the hand-held transmitter that is to be deleted. The drive clicks, the hand-held transmitter has been deleted.

Replacing a lost hand-held transmitter

1. Disconnect the drive from the power supply for at least 2 seconds.

2. Reconnect the drive to the power supply for 10 seconds.

3. Disconnect the drive from the power supply for at least 2 seconds.

4. Connect the drive to the power supply again. The drive clicks.

5. Press the PAIR key on a new hand-held transmitter for at least 2 sec. The drive clicks, the new hand-held transmitter is taught-in.

⚠ **ATTENTION: The lost hand transmitter is still stored in the drive. If you are not sure where this hand transmitter is, all hand-held transmitters can be deleted by resetting the drive to the delivery state.**

Resetting the drive to the delivery state

1. Disconnect the drive from the power supply for at least 2 seconds.

2. Reconnect the drive to the power supply for 10 seconds.

3. Disconnect the drive from the power supply for at least 2 seconds.

4. Connect the drive to the power supply again. The drive clicks.

5. Press the PAIR key on a hand-held transmitter that has already been programmed for at least 7 seconds.
The drive clicks once after approx. 2 sec. and a second time after approx. 7 sec., the drive is reset to the delivery state.

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Copying hand-held transmitters without a drive

It is possible to copy the functions of a hand-held transmitter (master hand-held transmitter) to a **new** hand-held transmitter.

The procedure must be carried out separately for each key.

Make the new hand-held transmitter ready to receive.

1. Remove the bottom shell of the new hand-held transmitter. Press the PAIR key with a paper clip or similar of the new hand-held transmitter (A). The LED starts flashing.

2. Press the UP key on the new hand-held transmitter (A) within 4 seconds and **keep it pressed**. The LED starts to light up permanently.

Transferring the key to the new hand-held transmitter

3. Continue to hold down the key on the new hand-held transmitter (A) and align the fronts of the two hand-held transmitters (distance max. 5 mm).

4. Press the UP key on the master hand-held transmitter (B). As soon as the LED on the new hand-held transmitter (A) turns darker, the copying of the UP key is finished and you can release both keys.

Repeat the process with the STOP and DOWN keys.

Forming groups with the display hand-held transmitter

Several drives can be combined into a group on one channel of the display hand-held transmitter.
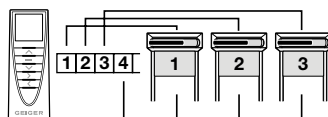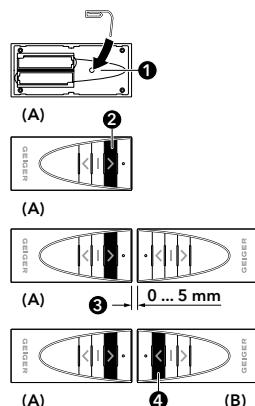
Example:

Drive 1 is taught-in on channel 1, drive 2 on channel 2 and drive 3 on channel 3. All three drives are to be combined into a group on channel 4.

1. Select **channel 1**.

2. Press the PAIR key for at least 5 sec. The drive clicks.

3. Select **channel 4**.

4. Press the PAIR key for at least 5 sec. The drive clicks, the first drive has been added to the group.

5. Select **channel 2**.

6. Press the PAIR key for at least 5 sec. The drive clicks.

7. Select **channel 4**.

8. Press the PAIR key for at least 5 sec. The drive clicks, the second drive has been added to the group.

9. Select **channel 3**.

10. Press the PAIR key for at least 5 sec. The drive clicks.

11. Select **channel 4**.

12. Press the PAIR key for at least 5 sec. The drive clicks, the third drive has been added to the group.

If drive 2 is to be removed from the group again, proceed as follows:

1. Select **channel 2**.

2. Press the PAIR key for at least 5 sec. The drive clicks.

3. Select **channel 4**.

4. Press the PAIR key for at least 5 sec. The drive clicks, the second drive has been removed from the group.
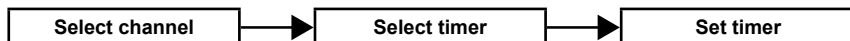
10. Setting a timer

Each timer corresponds to a move command in UP or DOWN direction, which is automatically sent by the hand-held transmitter at the specified time.

Six different timers can be assigned to each channel.

The menu for setting the timer is structured as follows:

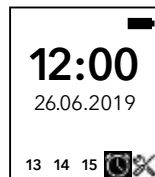| Select channel	➡	Select timer	➡	Set timer

You can leave the submenus and return to the main screen at any time by pressing the LEFT key. Any unsaved changes will be lost.

To programme a timer, please proceed as follows.

1. Opening the „select channel" submenu

In the main screen, move the cursor to the timer menu symbol with the LEFT or RIGHT key and open the „Select channel" submenu with the STOP key.
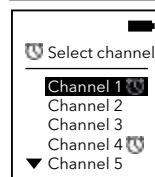
2. Select the corresponding channel

In the „Select channel" menu, select the channel for which you want to operate a timer with the UP or DOWN key.

If a timer is active for the respective channel, this is indicated by the alarm clock symbol next to the channel.
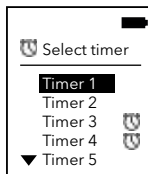
Confirm the selected channel with the STOP key. This opens the submenu „Select timer".

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3. Select the timer

Once the channel has been selected, you can choose between six timers. Here, too, active timers are indicated by the alarm clock symbol.

You can select the timer with the UP and DOWN keys and confirm your selection with the STOP key. This opens the submenu „Set timer".
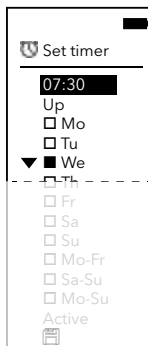
4. Set the timer

In the menu „Set timer" you have the following options:

Key	Function
⌄⌃	Moves the cursor UP and DOWN.
▬	Cursor above time: The time can be set. Cursor over „UP": Switches between UP and DOWN. Cursor over day of week: Activates or deactivates the respective day. Cursor over „Active": Switches between active/inactive. Cursor over disc: Saves the settings and returns to the „Select timer" menu.
❮	Returns to the „Select timer" menu. The settings are not saved.
❯	No function

If the timer is set to „Active" and the settings are saved via the disc symbol, an UP or DOWN signal is sent on the activated weekdays at the set time.

If you want to deactivate a timer, you only have to set it to „Inactive".

11. Settings menu

The following setting options are available:

Set time + date	In this menu you can set the date and time.
Select language	In this menu you can set the language.
Information	Information about the hand-held transmitter is available in this menu.
Colour scheme	In this menu you can select different colour schemes.

12. Resetting the hand-held transmitter to the delivery state

To reset the hand-held transmitter to the delivery state, press the PAIR key for at least 30 seconds.

After 10 seconds, the ⇅ symbol begins to flash quickly, after 20 seconds the ⇅ symbol starts to flash slowly and after 30 seconds the ⇅ symbol turns off. The hand-held transmitter is reset to the factory settings.

13. Changing the batteries

Replace the batteries as soon as the display no longer lights up when an operating key is pressed. See chapter „Insert batteries".

14. Technical data

Transmitting frequency	433,92 MHz
Transmission power	6 dBm
Temperature range	-0°C to +60°C
Protection class	IP20
Batteries	2x R6/LR6, Typ AA
Dimensions	167 x 50 x 30 mm

Subject to technical modifications

15. Declaration of conformity

We herewith explicitly declare that this product complies with the essential requirements and relevant directives. 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

16. Disposal information

Disposal of packaging materials

Packaging materials are raw materials and can therefore be reused. In the interest of environmental protection, please dispose of them properly.

Disposal of electrical and electronic equipment

According to the EU Directive, electrical and electronic equipment must be collected and disposed of separately.

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

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