

sygonix®

GB Operating instructions

LCD Remote Control, black color Item no. 1761740

Up-to-date Operating Instructions

Download the latest operating instructions at www.conrad.com/downloads or scan the QR code shown. Follow the instructions on the website.



Explanation of Symbols



The symbol with the lightning in the triangle is used if there is a risk to your health, e.g. due to an electric shock.



The symbol with the exclamation mark in the triangle is used to indicate important information in these operating instructions. Always read this information carefully.



The arrow symbol indicates special information and advice on operation.



This product must only be used in dry, enclosed indoor areas. It must not become damp or wet, as this may result in a fatal electric shock!

Delivery Content

- LCD remote control
- Operating Instructions

Intended Use

The radio remote control can wirelessly switch a suitable radio-controlled remote switch of the RSL system (or a user connected to it) on or off. The radio remote control is powered by two batteries of type AAA/Micro.

It is intended for indoor use only. Do not use it outdoors. Contact with moisture, e.g. in bathrooms, must be avoided under all circumstances.

For safety and approval purposes, you must not rebuild and/or modify this product. If you use the product for purposes other than those described above, the product may be damaged. In addition, improper use can result in short circuits, fires, electric shocks or other hazards. Read the instructions carefully and store them in a safe place. Make this product available to third parties only together with its operating instructions.

This product complies with the statutory national and European requirements. All company names and product names are trademarks of their respective owners. All rights reserved.

Safety Instructions



Read the operating instructions carefully and especially observe the safety information. If you do not follow the safety instructions and information on proper handling in this manual, we assume no liability for any resulting personal injury or damage to property. Such cases will invalidate the warranty/guarantee.



a) General Information

- The device is not a toy. Keep it out of the reach of children and pets.
- Do not leave packaging material lying around carelessly. This may become dangerous playing material for children.
- Protect the product from extreme temperatures, direct sunlight, strong jolts, high humidity, moisture, flammable gases, steam and solvents.
- Do not place the product under any mechanical stress.
- If it is no longer possible to operate the product safely, take it out of operation and protect it from any accidental use. Safe operation can no longer be guaranteed if the product:

- is visibly damaged,
- is no longer working properly,
- has been stored for extended periods in poor ambient conditions or
- has been subjected to any serious transport-related stresses.

- Please handle the product carefully. Jolts, impacts or a fall even from a low height can damage the product.

- Do not use this product in hospitals or medical institutions. Although the transmitter in the radio remote control emits only relatively weak radio signals, these may lead to malfunction of life-support systems.

The same may be the case in other areas.

- Consult an expert when in doubt about operation, safety or connection of the product.

- Maintenance, modifications and repairs must only be completed by a technician or an authorised repair centre.

- If you have questions which remain unanswered by these operating instructions, contact our technical support service or other technical personnel.

b) Connected devices

Also observe the safety and operating instructions of any other devices which are connected to the product.

c) Batteries

- Correct polarity must be observed while inserting the battery.

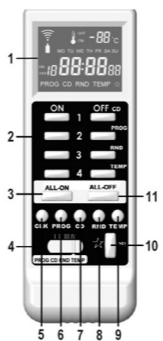
- The batteries should be removed from the device if it is not used for a long period of time to avoid damage through leaking. Leaking or damaged batteries might cause acid burns when in contact with skin, therefore use suitable protective gloves to handle corrupted batteries.

- Batteries must be kept out of reach of children. Do not leave batteries lying around, as there is risk, that children or pets swallow them.

- All batteries should be replaced at the same time. Mixing old and new batteries in the device can lead to battery leakage and device damage.

- Batteries must not be dismantled, short-circuited or thrown into fire. Never recharge nonrechargeable batteries. There is a risk of explosion!

Operating Elements



- 1 LC Display
- 2 Keypad: Keypad for switching between channels 1 to 4 (left column "ON" = activate the programmed receiver, right column "OFF" = deactivate the programmed receiver). The switching channels are named PROG, CD, RND, TEMP to identify which switching channel is assigned to which function.
- 3 "ALL-ON" button: Activates all receivers of all switch groups.
- 4 Selection switch for switch groups "I," "II," "III," "IV": Controls the four channels per switch group (with the buttons "ON" and "OFF"). The special functions for the countdown mode (Channel 1), weekly switch program (Channel 2), Random Mode (Channel 3) and temperature-controlled switch function (Channel 4) are available only in Switch Group "IV"!

- 5 "CLK" Button: Press long: Set weekday and time.
- 6 "PROG" button: Press long: Set weekly switch times; press briefly: Activate/deactivate weekly switch times.
- 7 "CD" button: Press long: Set countdown; press briefly: Activate/deactivate Countdown Mode.
- 8 "RND" button: Press briefly: Activate/deactivate Random Mode.
- 9 "TEMP" button: Press long: Call up temperature setting mode; press briefly: Activate/deactivate temperature-dependent switch function.
- 10 "DEL" button: Activate frost protection (if the temperature-dependent switch function is activated). In certain modes, also serves to reset the set values.
- 11 "ALL-OFF" button: Deactivates all receivers of all switch groups.

Inserting/replacing the batteries

Open the battery compartment on the back of the radio remote control. Insert two batteries of type AAA/Micro with the correct polarity (pay attention to +/Plus and -/Minus; see the description in the battery compartment and on the batteries). Close the battery compartment.

The batteries need changing if the range of the radio remote control decreases significantly or if the display contrast decreases noticeably.

Setting weekday and time

Press and hold the "CLK" button until the weekday blinks in the LC display. Set the weekday with the buttons "ALL-ON" or "ALL-OFF".

Briefly press the "CLK" button; the hours flash. Change the hours with the buttons "ALL-ON" or "ALL-OFF".

Briefly press the "CLK" button; the minutes flash. Change the minutes

with the buttons "ALL-ON" or "ALL-OFF". Briefly press the "CLK" button again; the setting is saved and the setting mode closes.

Set weekly switch times

→ Only those radio receivers recognized in the switch group IV on Channel 2 (labelled "PROG") are switched.

Press and hold the "PROG" button until the day blocks in the LC display begin to blink ("MO...SU" = Monday to Sunday or "MO...FR" = Monday to Friday).

The blinking value can be changed with the buttons "ALL-ON" or "ALL-OFF". The "PROG" button is used to confirm the settings. Press "DEL" to delete the setting.

- 1 The day block flashes. Select the desired day block ("MO...SU" = Monday to Sunday or "MO...FR" = Monday to Friday). Confirm the settings, as described above, by pressing the "PROG" button. Now the desired turn-on time ("ON") can be programmed.
- 2 The hours blink. Set the desired hour and confirm the settings.
- 3 The minutes blink. Set the desired minutes and confirm the entry.
- 4 Repeat Steps 1 to 3 to program the desired turn-off time ("OFF").
- 5 Repeat Steps 1 to 4 to set as many as 10 switch time groups. One switch time group always consists of one turn-on time ("ON") and one turn-off time ("OFF").

Setting the countdown time

→ The countdown mode can be used only by those radio receivers recognized in the switch group IV on Channel 1 (labelled "CD").

Press the "CD" button briefly to access the countdown mode. The current timer time appears in the display.

- Press and hold the "CD" button until the "ON" or "OFF" indicator blinks. In addition, "CD" appears below in the display. Change the setting as usual with the buttons "ALL-ON" or "ALL-OFF".

"ON": Radio receiver is switched on for the duration of the countdown.

"OFF": Radio receiver is switched off for the duration of the countdown.

After the countdown timer runs out, the original state is restored.

- Briefly press the "CD" button. The hours blink; set them with the buttons "ALL-ON" or "ALL-OFF".

- Briefly press the "CD" button. The minutes blink; set them with the buttons "ALL-ON" or "ALL-OFF".

- Briefly press the "CD" button once more; the setting is thereby ended, and the timer starts. To stop the timer run and to reset the timer, briefly press the "CD" button.

Random mode

→ The Random Mode can be used only by those radio receivers recognized in the switch group IV on Channel 3 (labelled "RND").

The receivers recognized in switch group IV on Channel 3 (labelled "RND") are activated or deactivated at random time intervals.

Setting the temperature switching limits

→ Only receivers recognized in the switch group IV on Channel 4 (labelled "TEMP") can be switched depending on the temperature.



- Press and hold the “TEMP” button until the temperature indicator in the LC display blinks; to the left near the temperature value, the indicator “ON” appears (turn-on temperature).
- Set the turn-on temperature with the buttons “ALL-ON” or “ALL-OFF” (if the receiver should be switched off, it will be switched on when the temperature drops below this value).
- Briefly press the “TEMP” button; in the display, “OFF” appears to the left of the temperature value.
- Set the turn-off temperature with the buttons “ALL-ON” or “ALL-OFF” (if the receiver should be switched on, it will be switched off when the temperature climbs above this value).

→ If the temperature-dependent switching function is enabled, the frost protection function (> +4°C) can also be activated by pressing “DEL” (a star symbol appears on the LCD screen).

Operation

a) Recognition of a radio receiver with the radio remote control

- Choose the desired switch group I, II, III, or IV with the sliding switch (4).
- Set the radio receiver (e.g. a radio built-in switch, a radio switch socket, etc.) in Learn Mode. On this, see the operating instructions of the radio receiver (in most cases, the button on the receiver is to be pressed and held for more than 3 seconds, until an LED on the receiver begins to blink).
- Press and hold the “ON” button of one of the four channels on the radio remote control until the LED on the receiver stops blinking and instead remains lit (about 3 seconds). The user connected to the radio receiver is switched on. Now release the button; the radio receiver is recognized on the desired switch channel.

→ At every receiver of the RSL system, up to 10 different remote controls can be recognized.

b) Deleting already recognized radio receivers from the radio remote control

- Choose the switch group I, II, III, or IV, at which the receiver is recognized, with the sliding switch (4).
- Set the radio receiver (e.g. a radio built-in switch, a radio switch socket, etc.) in Learn Mode. On this, see the operating instructions of the radio receiver (in most cases, the button on the receiver is to be pressed and held for more than 3 seconds, until an LED on the receiver begins to blink).

→ You can also switch the (already recognized) receiver that you want to delete into Learn Mode by pressing the “ON” and “OFF” buttons of the corresponding channel on the remote control at the same time and holding them for at least 3 seconds. You can use this method, for example, if a radio built-in switch is inaccessibly mounted and you cannot press its buttons.

- Press and hold the “OFF” button on the radio remote control that corresponds to the channel on which the receiver is recognized until the LED on the receiver stops blinking and instead goes out (about 3 seconds). The user connected to the radio receiver is switched off. The receiver’s recognition of the corresponding channel of the remote control is deleted; the receiver no longer responds to the remote control.

c) Dimmer function of the radio remote control

→ The dimmer function of the radio remote control is naturally possible only when the radio receiver has an integrated dimmer.

- Choose the desired switch group I, II, III, or IV with the sliding switch (4).
- Turn the receiver on by pressing the ON button for the corresponding switching channel briefly. The lights connected to the receiver are switched on with the previously available brightness setting.
- Briefly press the “ON” button for the corresponding switching channel again.

Thereupon the dimmer function of the corresponding receiver starts. The brightness of a light connected to the receiver now changes progressively.

- To stop the dimmer function (and thus to set the brightness of a light connected to the receiver), briefly press the “ON” button of the corresponding switching channel once more.

d) Switching individual receivers on/off

- Choose the desired switch group I, II, III, or IV with the sliding switch (4).
- Briefly press the “ON” button of the corresponding switching channel to switch on the radio receiver and the users connected to it.
- Briefly press the “OFF” button of the corresponding switching channel to switch off the radio receiver and the users connected to it.

e) Switching all receivers on/off

With the “ALL ON” (3) or “ALL OFF” (11) buttons, all receivers recognized by the remote can be switched on or off. With this function, you can, for example, switch all the lights in the house on or off.

- “ALL-ON” button (3) : Switch on all receivers
- “ALL-OFF” button (11) : Switch off all receivers

Use weekly switching program

Move the sliding switch (4) to Switch Group IV, see image right.

Then press the “PROG” button (6). The display shows “PROG”. The weekly switching program function is activated (only for receivers recognized in the switch group IV on Channel 2).

To deactivate the weekly switching program function, briefly press the “PROG” button (6) ; the “PROG” indicator disappears from the display.

Using Countdown Mode

Move the sliding switch (4) to Switch Group IV, see image right.

Briefly press the “CD” button (7). The current countdown time appears on the display. Start the countdown by briefly pressing the “CD” button again.

The “CD” indicator appears in the display; the countdown runs (only for receivers recognized in the switch group IV on Channel 1). The remaining time is displayed.

To deactivate the countdown mode, briefly press the “CD” button (7) ; the “CD” indicator disappears from the display.

Using random mode

Move the sliding switch (4) to Switch Group IV, see image right.

Briefly press the “RND” button (8). The display shows “RND”. The randomization function is activated (only for receivers recognized in the switch group IV on Channel 3).



To deactivate the randomization function, briefly press the “RND” button (8) ; the “RND” indicator disappears from the display.

Using temperature-dependent switching function

Move the sliding switch (4) to Switch Group IV, see image right.

Briefly press the “TEMP” button (9). The display shows “TEMP”. The temperature-dependent switching function is activated (only for receivers recognized in the switch group IV on Channel 4).

To deactivate, press the “TEMP” button (9) again; the “TEMP” indicator disappears.

Information about the range

The radio LCD remote control has a range of up to 70 m.

This value, however, is the so-called “open space range” (the range the transmitter and receiver are visible to each other, without disturbing influences).

In practical operation, however, there are walls, the ceilings of rooms etc. between the transmitter and the receiver which reduce the range correspondingly.

Due to the different influences on the radio transmission, no specific range can be guaranteed. However, trouble-free operation is usually possible in a detached house.

The range can sometimes be limited considerably by:

- Walls, reinforced concrete ceilings
- Coated/vapour-deposited, metallised insulating glass panes
- Proximity to metal & conducting objects (e.g. radiators)

- Proximity to human bodies
- Broadband interferences, e.g. in residential areas (DECT tele-phones, mobile phones, radio-controlled headphones, radio-controlled speakers, radio-controlled weather stations, baby phones etc.)
- Proximity to electric motors, transformers, power-supply units, computers
- Proximity to badly shielded or uncovered computers in use or other electrical appliances

Care and Cleaning

The product does not require any maintenance and should never be opened or disassembled for any reason.

Only clean the product with a soft, clean, dry cloth. Never use aggressive cleaning agents or chemical solutions since these might damage the surface of the casing or impair the operation.

Do not press too hard on the display. This not only causes scratches but also can damage the display; loss of warranty!

Declaration of Conformity (DOC)

Conrad Electronic SE, Klaus-Conrad-Straße 1, D-92240 Hirschau hereby declares that this product conforms to the 2014/53/EU directive.

→ Click on the following link to read the full text of the EU declaration of conformity: www.conrad.com/downloads
Select a language by clicking on a flag symbol and enter the product order number in the search box. You can then download the EU declaration of conformity in PDF format.

Disposal

a) Product



Electronic devices are recyclable waste and must not be disposed of in the household waste. At the end of its service life, dispose of the product in accordance with applicable regulatory guidelines.

Remove any inserted batteries and dispose of them separately from the product.

b) Batteries



You as the end user are required by law (Battery Ordinance) to return all used batteries. Disposing of them in the household waste is prohibited.

Contaminated batteries are labeled with this symbol to indicate that disposal in the domestic waste is forbidden. The designations for the heavy metals involved are: Cd = Cadmium, Hg = Mercury, Pb = Lead (name on batteries, e.g. below the trash icon on the left).

Used batteries can be returned to collection points in your municipality, our stores or wherever batteries are sold.

You thus fulfill your statutory obligations and contribute to the protection of the environment.

Technical Data

Power supply.....	2 batteries of type AAA/Micro
Transmission frequency.....	433.05 - 434.79 MHz
Transmission power.....	<10 dBm
Transmission range.....	70 m (see chapter “Information about the range”)
Ambient temperature.....	0 °C to +35 °C
Dimensions (LxWxH).....	151 x 54 x 23 mm
Weight.....	approx. 86 g (without batteries)

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