



Radio stick (868 MHz) quick instructions

Product description

The radio stick (868 MHz) is an add-on for the Smart Home controller II and is used to control Bosch Smart Home products with the proprietary radio frequency 868 MHz.

Description of the symbols



Warning!
Note about hazards



Note:
Additional
important information



Note about the installation video

⚠ Safety instructions

- ▶ Read this user manual completely before installing or commissioning the device and pay particular attention to the hazard information.
 - ▶ This device may be used by children from 8 years of age and by persons with reduced physical, sensory or mental capacities, or a lack of experience and knowledge provided these persons are supervised or have been instructed in the safe use of the device, and understand the corresponding risks.
 - ▶ The device is not a toy! Do not allow children to play with it. Never leave the packaging material lying around unattended. Plastic film and small parts may pose a danger to children.
 - ▶ Do not open up the device. It does not contain any parts to be maintained by the user. If a fault occurs, have the device checked by a specialist.
 - ▶ Do not use the device if it has damage visible from the outside, for example, to the housing, control elements or connection sockets, or if it has a malfunction. If in doubt, please contact our service team.
 - ▶ Only use the device together with original components and recommended products from Bosch partners.
 - ▶ Any use other than that which is described in the user manual is considered improper and leads to the exclusion of guarantee and liability.
- ▶ We accept no liability for material damage or personal injury which is caused by improper use or failure to observe the safety instructions. In these cases, any guarantee claim becomes void! We accept no liability for consequential damage.
 - ▶ For safety and approval reasons (CE/UKCA), the device may not be modified and/or no changes may be made to the device without authorisation.
 - ▶ Only operate the device indoors and do not expose it to moisture, vibrations, constant sunlight or other sources of heat, extreme cold temperatures and mechanical stress.

📘 Notes

- ▶ The range within buildings can differ significantly from the range in open spaces. In addition to the transmitting power and the receiving properties of the receiver, environmental factors such as humidity, as well as the local structural situation, play an important role.
 - ▶ The device is only intended for use in residential environments.
 - ▶ The device is only intended for private use.
 - ▶ The product is only suitable for connection to a USB port on the Bosch Smart Home controller II in order to control Bosch Smart Home products with the 868 MHz proprietary wireless protocol.
 - ▶ A maximum of 100 devices which use the radio frequency 868 MHz can be connected to a Bosch Smart Home system. You can find more information on our website:
<https://www.bosch-smarthome.com/rom/system-requirements>
- ▶ You can also use the additional information on our website as an additional aid for starting up your radio stick:
www.bosch-smarthome.com/rom/radio-stick

Product overview



Item	Name
1	Radio stick top view
2	Radio stick side view


Start-up

Ensure that you have a Bosch Smart Home controller II and the Bosch Smart Home app and have successfully configured both. Insert the radio stick into the USB port on the Smart Home controller II. It is ready for operation after a short initialisation phase.


Maintenance and cleaning

The device does not require maintenance. Leave any repairs to a specialist. Clean the device with a soft, clean, dry and lint-free cloth. When cleaning, do not use any cleaning agents containing solvents.

Simplified declaration of conformity

 Robert Bosch Smart Home GmbH hereby declare that the radio equipment type Bosch Smart Home BCS-H corresponds with the directive 2014/53/EU. The complete text of the EU declaration of conformity is available via the following web address:
<https://eu-doc.bosch.com>

Environmental protection and disposal

 Electrical or electronic devices which are no longer usable must be collected separately and disposed of via an environmentally friendly recycling facility (European Directive on Waste Electrical and Electronic Equipment). Use your country's specific return and collection systems when disposing of waste electrical or electronic devices.

 Robert Bosch Smart Home GmbH hereby declares that the radio system type BCS-H complies with Regulation 2017. The full text of the declaration of conformity is available at the following internet address:
<https://gb-doc.bosch.com>

Technical data

Device type designation	BCS-H
Protection type	IP20
Ambient temperature	0 ... 40 °C
Max. humidity	85 % (non-condensing)
Dimensions (W × H × D)	24 × 12 × 58 mm
Weight	12 g
Supply voltage	5 V _{DC}
Max. power consumption	100 mA / < 0.5 W
Radio frequency	868.3 MHz / 869.525 MHz
Duty cycle	< 1 % per h / < 10 % per h
Max. transmitting power	10 mW
Radio range in the open	< 100 m
Software class	A
Receiver category	SRD category 2

Technical modifications reserved

Serviceinformation

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