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BOSCH BCM3100 Connect Module Instruction Manual

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Contents

Safety Instructions

Read all the safety and general instructions.
Failure to observe the safety and general instructions may result in electric shock, fire and/or serious injury.

- Read and observe the safety warnings and directions contained in all the eBike system operating instructions

and in the operating instructions of your eBike.

- Have installation and all repairs to the ConnectModule performed only by an authorised specialist dealer. Specialist knowledge is required here. Incorrect installation may mean that the ConnectModule or eBike can no longer be operated in a legally compliant manner.
- The ConnectModule is equipped with a wireless interface. There may therefore be local operating restrictions, e.g. in aircraft or hospitals. In this instance, follow the instructions below under (see "Transport", page English – 2).

Product Description and Specifications

Intended Use

The **ConnectModule** is exclusively for use with the related features from the eBike Flow app. Therefore, a mobile device is required, on which the eBike Flow app is downloaded and installed. The **ConnectModule** is exclusively for use in combination with an eBike, particularly for tracking eBikes in the event of theft.

Connect Module		
Product code		BCM3100
Internal battery	VmAh	4.35650
External battery connection	V	12
Frequency band LTE Cat-M1	MHz	B1 (2100 MHz)B2 (1900 MHz)B3 (1800 MHz)B4 (1700 MHz)B5 (850 MHz) B8 (900 MHz)B12 (700 MHz)B13 (700 MHz) B20 (800 MHz) B28 (700 MHz)
Transmission power	dBm	20
Weight, approx.	g	40
Operating temperature	°C	—5 to +40
Storage temperature	°C	+10 to +40
Protection rating		IP54

Declaration of Conformity

Robert Bosch GmbH, Bosch eBike Systems, hereby declares
that the **ConnectModule** radio communication unit complies with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available to view at the following
website: **https://www.bosch-ebike.com/conformity**.
Robert Bosch GmbH, Bosch eBike Systems, hereby declares
that the **ConnectModule** radio communication unit complies with the Radio Equipment Regulations 2017 (SI 2917/1206). The full text of the UK Declaration of Conformity can be accessed at the following Internet address: **https://www.bosch-ebike.com/conformity.**

Operation For the ConnectModule to function, a functioning GPS and mobile connection are prerequisites. The ConnectModule has motion sensors, a global navigation satellite system and mobile communications.

This means the ConnectModule can identify suspicious movements of the **eBike,** determine the local position of the eBike and generate a local alarm. Positions and movement data are displayed to the owner of the eBike in the **eBike Flow** app.

The ConnectModule thereby also facilitates other services, such as , which is provided for the end customer in the **eBike Flow** app. Additional information regarding the individual services of the eBike Flow app are provided in the app.

Costs may be incurred for use of these services. Details are displayed in the **eBike Flow** app.

Starting Operation

As soon as a **ConnectModule** is installed in an eBike, it can be activated once via the **eBike Flow** app.

Services such as can be activated and used via the eBike Flow app.

Depending on the smartphone's operating system, the **eBike Flow** app can be downloaded free of charge from the Apple App Store and the Google Play store.

Use your smartphone to scan the code in order to download the **eBike Flow** app.

The **ConnectModule** services can be deactivated at any time via the **eBike Flow** app. The user can reactivate all services as long as the user has a valid activation.

Deactivation of the **ConnectModule** itself is not provided.

Switching On and Off

The **ConnectModule** does not have to be switched on or off separately.

As long as the **ConnectModule** is supplied with voltage and the relevant services are activated, it sends data to the bicycle owner.

The **ConnectModule** has a internal battery in order to be able to provide the services independently of the **eBike**

battery. The internal battery's state of charge can be viewed via the **eBike Flow** app. If the internal battery's state of charge is critical, an **eBike** battery should be inserted and the Bosch eBike charger should be connected.

Maintenance and servicing

Maintenance and Cleaning
The ConnectModule is maintenance-free. In the event of damage or failure, contact an authorised specialist dealer directly. If services are not functioning despite being activated, contact your bike dealer directly, from whom you purchased the ConnectModule. If you are handing in your eBike to a bicycle dealer for maintenance, it is recommended that you temporarily deactivate the services, and . This prevents false alarms.

Transport
As soon as you transport your eBike (e.g. in a vehicle trailer, train, aeroplane, etc.), we recommend deactivating all individual services or activating the function. This also deactivates any ConnectModule communication. This will allow you to prevent false alarms.

After-sales service and advice on using products If you have any questions about the eBike system and its components, contact an authorised bicycle dealer. For contact details of authorised bike dealerships, please visit **www.bosch-ebike.com**

Disposal
The drive unit, on-board computer incl. operating unit, battery, speed sensor, accessories and packaging should be disposed of in an environmentally correct manner.

Check that your personal data has been deleted from the device.
Do not dispose of eBikes and their components with household waste.

In accordance with Directive 2012/19/EU
and Directive 2006/66/EC respectively, electronic devices that are no longer usable and defective/drained batteries must be collected separately and recycled in an environmentally friendly manner.

Please return Bosch eBike components that are no longer usable free of charge to an authorised bicycle dealer or to a recycling facility.

Subject to change without notice.

Documents / Resources

	BOSCH BCM3100 Connect Module [pdf] Instruction Manual BCM3100, 0 275 008 3CM 2022.03 T - 26 WEU, ConMod_02750083CM_202203_weu12_mReg, BCM3100 Connect Module, BCM3100 Module, Connect Module, Module

References

- ⊕ [Bosch eBike Systems | Premium drives for eBikes & pedelecs](#)
- ⊕ [Declaration of conformity - Bosch eBike Systems](#)

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