



These instructions must be read
prior to installation
and use!



HELLA

Centerbox ONYX.CENTER

- ☒ Installation instructions
- ☒ Operating guidelines

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Preliminary remarks HELLA
Centerbox ONYX.CENTER

With this HELLA product you have opted for a high-quality product with a most up-to-date technology that can nevertheless be easily installed and operated. In these instructions we describe the basic installation, commissioning and use.

The following symbols will assist you with the installation or use and require a safety-conscious conduct:



Attention!
This symbol indicates instructions that, if disregarded, can put the user in danger.



Attention!
This symbol indicates instructions that, if disregarded, can potentially result in damage to the product.



This symbol indicates instructions for use or helpful information.



This symbol requires you to act.



This symbol indicates parts of the product, for which you will find important information in these installation instructions.

General notes

➡ Questions

In case of questions concerning the installation or the use of your product, please consult your authorized specialist shop.

➡ Warranty

Warranty claims are subject to statutory limitation periods. Wear parts are excluded from the warranty; the same applies for changes in colour and changes in characteristics caused by UV radiation.

➡ Liability

In case of non-observance of the directions and information given in these instructions and in case of improper operation or unintended use, the manufacturer shall not accept any warranty claims concerning any damage to the product. In these cases the liability for consequential damage to any parts or persons is ruled out as well.

➡ Legal notes

The graphs and texts of these instructions were carefully prepared. We cannot be held liable for any errors and their potential consequences! Subject to technical modifications to the product and to these instructions! These instructions include copyrighted information. All rights reserved! The listed product or brand names are trademarks of the respective owners.

➡ EC declaration of conformity

The HELLA Sonnen- und Wetterschutztechnik GmbH hereby declares that this product complies with the basic requirements and the other applicable regulations of the EC directives. The complete declaration of conformity can be found in the download area of our website <https://www.hella.info>.

Safety instructions



These installation instructions refer to prefabricated elements, that (1) for 100% are made from parts, which are defined by us, and (2) which are made in manufacturing processes, which are defined by us too; in all other cases we do not provide any guarantee!

The safety instructions as well as the appropriate instructions must be read carefully before installation and use. In case of non-observance of the directions and information given in these instructions and in case of improper installation and operation or unintended use, the manufacturer shall not accept any warranty claims concerning any damage to the product. In these cases the liability for consequential damage to any parts or persons is ruled out as well.



- Follow the described installation steps and pay attention to recommendations and notes.
- Keep these instructions in a safe place.
- Only use unmodified original parts from HELLA.
- In case of unauthorised opening of the device, improper use, incorrect installation or incorrect operation, there is a risk of damage to persons or property.
- Never let children play with the unit.



Observance of regulations and rules

The building owner is responsible for the observance of statutory rules and country-specific provisions on site.

Designated use



- Radio systems must not be operated in areas with an increased risk of interference (e.g. hospitals, airports).
- The remote control is only admissible for devices and systems, where a malfunction in the transmitter or receiver does not pose a risk to persons, animals or objects, or if this safety risk is covered by other safety installations.

Scope of delivery

The following components are included in the scope of delivery:

- Centerbox ONYX.CENTER
- USB-C cable (1 m)
- Power supply unit (5 V)
- Short instructions

Device description

Centerbox ONYX.CENTER
Art. no. 50680103
868.3 MHz / 2.4 GHz

ONYX.CENTER in combination with other ONYX® control devices enables the control and the monitoring of your sun protection products / your lighting via your smart phone or table.

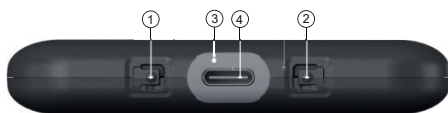


Fig. 1: Rear side

Legend

- | | |
|------------------|--|
| ① O - pushbutton | ③ Status bar |
| ② X - pushbutton | ④ Connection USB-C cable / power supply unit |

Technical data

Input	5 V (USB)
Nominal capacity	0.8 W
IP rating	IP20
Admissible ambient temperature	0 °C to +55 °C
Radio frequency	868.3 MHz / 2.4 GHz (Wi-Fi / BLE)
Transmission power	12.6 mW (868.3 MHz) 100 mW (2.4 GHz)
Dimensions LxWxH	78x78x13.6 mm
Weight	55 g

Connection:



The Centerbox ONYX.CENTER can easily be connected with the wall socket via the supplied USB-C cable and the power supply unit.



It is recommended to place the ONYX.CENTER centrally in the building to optimally reach all available ONYX® control devices / sensors.



A precondition for an unrestricted operation of ONYX.CENTER is an existing Wi-Fi (WLAN) network.
If a connection via Wi-Fi is not possible, a LAN adapter is optionally available (information about the adapter are available under "Optional accessories"). ONYX.CENTER is also provided with a "Hotspot mode". In this mode, the Centerbox generates its own Wi-Fi network, which however can only be used locally (information can be found under "Hotspot mode").

Configuration



Before configuring ONYX.CENTER, download HELLA's free app ONYX® from the App store / Google Play to your smart phone.

Bluetooth must be activated at your smart phone to configure the Centerbox ONYX.CENTER.

Bluetooth is not necessary for the later operation of the Centerbox.



Configuration Centerbox ONYX.CENTER

Open the app ONYX®. Tap on "+". Now the QR code provided at the back of the centerbox ONYX.CENTER must be scanned. Then follow the instructions on the screen. To connect ONYX.CENTER with the ONYX® control devices / sensors, the "Configuration mode" must be active. It can be found under "Settings". Under the menu item "Devices" ONYX® control devices / sensors can be added with "+". Select the corresponding control devices / sensors and follow the instructions on the screen. You will find advanced adjusting possibilities in the instructions for use of the respective products.



Hotspot mode

If not Wi-Fi (WLAN) / LAN network is available, it is possible to configure ONYX.CENTER via the "Hotspot mode". It can be activated under "Configure network". In this mode, the Centerbox generates its own Wi-Fi network.



Network configuration

To connect the Centerbox ONYX.CENTER with another network, the following steps must be observed.

Bluetooth must be activated at your smart phone for this process.

- Press the O-pushbutton provided at the rear side of the ONYX.CENTER for one second.
- Open the app ONYX®. The configuration symbol for the network is displayed now below the product image. Tap on this symbol.
- You now access the network configurator. Here you can select a new Wi-Fi (WLAN) network.

Operating guidelines



To ensure an unrestricted use of the Centerbox, ONYX.CENTER must be connected with a web-enabled network. If the network used is not connected with the internet, ONYX.CENTER as well as all other operating devices must be in the same network.

In the "Hotspot mode" all devices you want to use must be connected locally with the Wi-Fi (WLAN) network of the Centerbox.



Operation of the shading units

You can operate your shading units by swiping over the respective shading product displayed in the menu item "Devices". Swiping upwards opens the shading element, swiping downwards closes it. You can tilt the device type "Outdoor blind" by tapping on the upper or lower part of the shading product.



Operation of the lighting

You can operate your lighting via the menu item "Devices". By tapping on the respective lighting product, it switches on or off. The lighting in the awnings with ONYX® can additionally be dimmed by swiping upwards or downwards.

Operating guidelines



Access control

Not every person that has access to your in-house WiFi (WLAN) network is automatically authorised to control ONYX®. Only the first device that has been connected to the Centerbox ONYX.CENTER can immediately access the system. All other devices get access via the "Access control". For this purpose you connect with your Centerbox ONYX.CENTER via the app ONYX®. You will find the menu item "Access control" under "Settings". Here all devices are displayed, which are connected with ONYX.CENTER. At first, a non-authorised device must scan the QR-code of ONYX.CENTER using the app ONYX®. Afterwards, this device is displayed in the access control, where you can allow access via a code.

If only one device is authorised for your Centerbox ONYX.CENTER and this device is lost, you can enable your Centerbox for all devices by pressing the O - pushbutton (1) for a few seconds. Now a new device can be connected to this Centerbox within 5 minutes without entering an authorisation code. After 5 minutes, ONYX.CENTER returns to its original operating mode and only allows authorised connections.



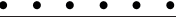







Function buttons

The function buttons O (1) and X (2) are provided at the rear side of the Centerbox ONYX.CENTER. The functions provided for this function buttons are described below.

Pushbutton	Time	Action
O	Press for 1 second	Access to the system without access code
		Active Bluetooth (to change the network settings)
O and X	Press for 15 seconds	ONYX.CENTER is reset (factory settings)

Status bar

The status bar (3) is provided at the rear side of the Centerbox ONYX.CENTER. The status bar provides information about the current status and possible error causes of the Centerbox.

Lights displayed	Colour	Meaning
	white	Normal operation
	orange	ONYX.CENTER starts
	orange	Update is installed
	Rainbow coloured	ONYX.CENTER not configured yet
	Blue	Access to the system without access code possible
		Bluetooth is active, network settings can be changed
	Blue	ONYX.CENTER is connected via Bluetooth
	Yellow	Network problems
	Yellow	No internet connection
	Green	Hotspot mode is active
	Red	ONYX.CENTER is reset to factory settings

Fault removal

Problem	Possible cause	Troubleshooting
ONYX.CENTER is not automatically found in the app.	- No local connection to ONYX.CENTER.	Check the Wi-Fi (WLAN) connection or add a manual connection in the app.
	- Bluetooth at the smart phone is not active.	Check Bluetooth at the smart phone and activate it.
	- The initial network is no longer available, e.g. replacement of the router.	Proceed as described under the point "Network configuration" and connect with the new network.
	- The status bar provided at the rear side of the ONYX.CENTER can give some indication of further causes.	Check the status of the status bar as described in point "Status bar" and contact a service technician, if necessary.
The system cannot be operated via the mobile phone network.	ONYX.CENTER or the smart phone have no connection to the internet.	Check the internet connection with ONYX.CENTER as well as with the smart phone and establish if necessary.
Poor or no radio reception.	Adverse position of ONYX.CENTER.	Reposition ONYX.CENTER.
QR-code can not be scanned.	The app has no access to the camera of your smart phone.	Allow the app to access the camera.

Updates



To guarantee the unrestricted use of your ONYX.HOME System, it is absolutely necessary that the recommended updates are installed. If the updates are not installed, a correct and safe operation of your ONYX.HOME System can not be ensured.

Optional Accessories



If no Wi-Fi (WLAN) network is available, the Centerbox ONYX.CENTER can be connected via Ethernet (LAN) by using an optional adapter.

- Adapter USB-C for Ethernet (HELLA Art. no.: 50671504)
- Patch cable (HELLA Art. no.: 50351001)

Ideal use of the radio signal



In case of bad reception, the position of the ONYX.CENTER must be changed.



Radio systems that send on the same frequency may cause interference with reception. It must be considered that the range of the radio signal is limited by statutory regulations and structural measures.

Servicing, maintenance and repair



- Clean the device surface only by means of a soft, clean and dry cloth.
- Avoid the use of chemical solvents and detergents.

Disposal



Dispose of the device in accordance with the current country-specific regulations for electronic scrap (e.g. collecting points).



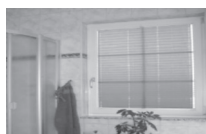
HELLA Interior Venetian Blinds

regulate the lighting in a room very comfortably, immediately gracing it with much more atmosphere.



HELLA Insect screens

and you decide who is allowed to come in and who isn't.



HELLA Pleated Blind

folds up very compactly and protects very well against the sun and nosy glances where only little space is available.



HELLA Outdoor Blinds

serve for the light regulation, as view protection, anti-glare blind and heat protection.



HELLA Front-mounted Roller Shutter

for more safety and protection against rain, wind, heat, the cold, noise, incident light and nosy glances, also available for subsequent installation.



HELLA Facade Awning

with toggle catch mechanism for a lovely facade design with perfect heat and glare protection.

For questions, wishes and ideas:

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