



Before operating the unit, please read this manual thoroughly and retain it for future reference.

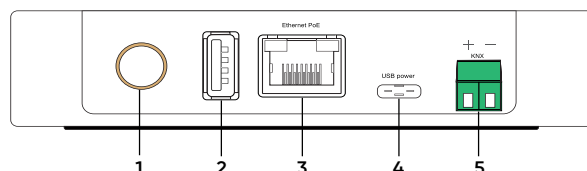
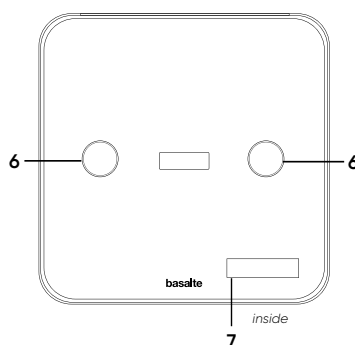
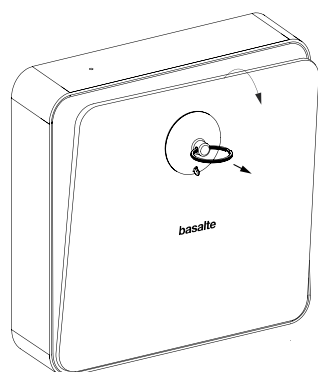
### Model No. 0790-05

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

### Description

The Basalte Core mini server is at the heart of the Basalte Home visualisation. It offers a comprehensive functionality set for KNX home automation systems: from light & shade control over the native integration of third-party solutions like Philips Hue to door phones, AV gear and more. The built-in logic functions allow to create home automation sequences.

**Core mini** has the same user interface as his bigger brother S4 with exactly the same possibilities and unlimited number of rooms except for the integration with the Asano multiroom audio system.



- |                |                   |
|----------------|-------------------|
| 1 Antenna      | 4 USB Power       |
| 2 USB Port     | 5 KNX Connector   |
| 3 Ethernet PoE | 6 Magnets         |
|                | 7 Programming Key |

### How to start up

After initial power-up, Core mini needs to be configured using Basalte Studio.

Remove the front plexi with the provided suction cup tool to find the programming key you need in Basalte Studio. A copy of the key and MAC address can be found on the extra label in the box.

For more information, please refer to the software manual.

### LED feedback

The central LED on the front of the Core mini will report its status.

- **White:** Normal operating mode.
- **Blue:** Device is booting.
- **Green:** Update available.
- **Orange:** Device is updating, do not power down.
- **Red:** When the Core mini is in error mode, an error message is displayed on the **'Settings'** page of the Basalte Home app.

### LED feedback

The button on the front left of the Core mini can be used for different purposes.

When pressing and holding this button with a paperclip, the top LED of the Core mini will cycle through different colours. When releasing the button during a certain colour, the corresponding action will be executed.

- **No LED:** When releasing the button, nothing will happen (= pause between colours).
- **Yellow:** The Core mini will reboot (clean restart); Restarting the Core mini is also available in the Basalte Home app (on the '**Settings**' page when logged in as admin).
- **Cyan:** DHCP is restored (in case the Core mini gets unreachable). After each DHCP reset, a new configuration file will be created in the Core mini's memory. As only the last 10 configurations are stored in memory, older configurations will automatically be overwritten.
- **Magenta:** Factory reset (deleting the current configuration and the Core mini's history)

### Installation

*The Core mini can be magnetically mounted on any metal surface e.g. the sideboard of the rack. It can also be mounted via the wall mount for Core mini (0719-07 not included).*

The front plexi can be rotated 180° to align the logo with the Core mini mounting orientation.

- **Beam Antenna (1)**

To wirelessly connect to the Basalte beam wireless network.

- **USB port (2)**

The USB port is used for maintenance and future purposes.

- **Network connection (3)**

Core mini is powered over PoE. Make sure the Core is connected to the internet.

- **USB power (4)**

Core Mini is a PoE device, alternatively can be powered via USB C (power supply and cable not included). Do not connect the Core Mini simultaneously to PoE and USB-C as this will damage the device.

- **KNX bus (5)**

Connection to the KNX bus is made by screwing the bus cable into the KNX connector ('+' = red cable, '-' = black cable). This connector is dismountable from the unit.

- **Programming key (7)**

Use this key to program the Core mini with the Basalte Studio software.

### Technical data

**Power PoE:** 10W IEEE 802.3af

**Power USB:** 5V 1A (cable and power supply not included)

**Ambient temperature:**

**Operation:** -5°C to 45°C

**Storage:** -15°C to 55°C

**Transport:** -15°C to 55°C

**Dimensions:** w 120 x l 120 x h 26 mm

**Weight:** 0,35 kg

**Max. humidity:** 93% relative humidity, no moisture condensation

**Protection class:** II

**Type of protection:** IP 20

**Certification:** CE

