

HDG Room control unit BUS



The HDG room control unit BUS forms an extension for the weather-compensated heating control HDG Control. It is comprised of a plastic housing with a 4-hole attachment, allowing it to be mounted on vertically or horizontally installed flushed-mounted boxes.

The HDG room control unit BUS with an integrated PT1000 measuring element compares the target room temperature with the actual room temperature, with the resulting effect on the heating circuit flow temperature. It also provides the option of setting the operating modes for the heating circuit. A dial can also be used to change the target room temperature of the heating circuit by +/- 6 °C. LEDs are used to show information or warnings.

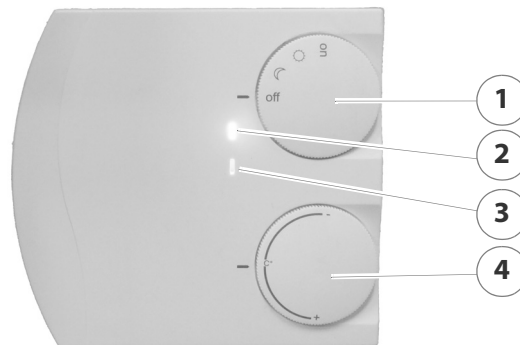


Figure 1/1 - Room control unit BUS

1 Dial for heating circuit operating mode

- "ON": Heating circuit is activated
- "Sun": Heating circuit set to daytime mode (heating mode)
- "Moon": Heating circuit set to night-time mode (reduced temperature mode)
- "OFF": Heating circuit is deactivated

2 LED 1

3 LED 2

4 Dial for target room temperature

- "+": Increase the target room temperature by up to 6 °C
- "-": Decrease the target room temperature by up to 6 °C



LED 1 and LED 2 have the following functions:

- LED 1:
 - Does not light up: Boiler is off
 - Lights up in green: Boiler is operating
 - Flashes red: active fault
 - Lights up in red: fault eliminated, but still not acknowledged
 - Flashes yellow: active warning
 - Lights up in yellow: warning eliminated, but still not acknowledged
 - LED 2:
 - Lights up in blue: Refill signal for log wood boiler
 - LED 1 and LED 2:
 - Flashing red in alternation: Room control unit has not been configured in the controller
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SETTING THE ROOM CONTROL UNIT BUS

1. Set the room control unit BUS to the corresponding heating circuit the rotary switch inside the housing.

✓ The room control unit BUS has been set.

ACTIVATING THE ROOM CONTROL UNIT BUS

1. Press the *Basic settings* sub-menu on the settings page in the respective heating circuit.
2. Scroll to the parameter (60–65)-29 *Room control unit*.
3. Use the *Right* or *Left* buttons to select the *Room control unit BUS* setting.



4. Confirm your input by pressing the *Confirm* button (4).

✓ The room control unit BUS has been activated.

