



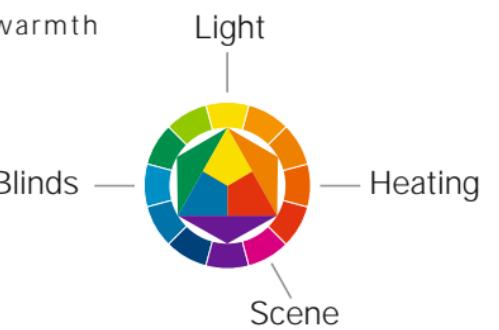
Busch-priOn – AS DIVERSE AS LIFE ITSELF

The following pages will guide you through the functions of this convenient home control system. With intuitive operation, you'll quickly become familiar with the many features of this versatile technology.

The system is easy to use and user-friendly. The control panel for the intelligent home control system by Busch-Jaeger features a specially designed colour coding system in which every comfort area is assigned a special, logically developed colour:

THE COLOURS OF INTUITION

- The lighting control is yellow like the sun
- The blinds are controlled by blue elements like the sky
- Heating and ventilation functions are orange to evoke warmth
- Living scenes are magenta and stand for lifestyle



BASIC DESIGN	
PRINCIPLES	
GETTING STARTED 1	
GETTING STARTED 2	
GETTING STARTED 3	
LIGHTING	
HEATING	
ROOM THERMOSTAT	

6	WEEKLY TIMERS	22
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Busch-*priOn* consists of the following elements:

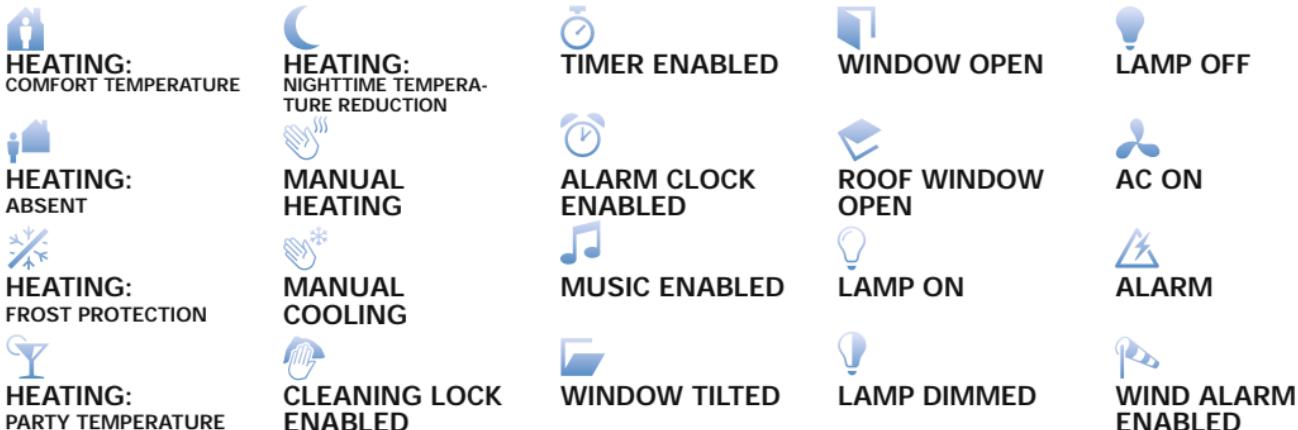
- A PORT** for a micro SD card (under the cover strip)
- B STATUS BAR** with time/date display, messages, temperature display and room thermostat
- C** with **SCREEN** (3.5-inch TFT display)
- D** the **BUTTON**
- E** the **CONTROL DIAL**



red dot award,
communication design 2008
for Interface Design

Busch-*priOn* is designed to control systems in a room. This includes, e. g., lighting, alarm clocks, blinds and heating systems. Combined with Busch-ComfortTouch, Busch-*priOn* can control the technology of the entire house.

Adjust and dim individual lights via the control menu. Operate blinds at the touch of the dial, according to timer or personal preference. Create optimal conditions for each room with room-specific temperature control. And set your individual ambience by configuring complete scenes adapted to your personal routine.



FUNDAMENTALS

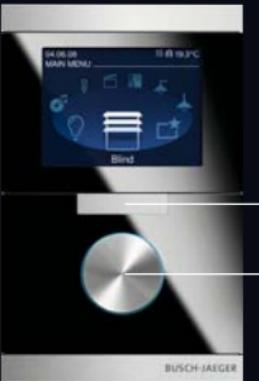
The features available with Busch-*priOn* depend on your individual installation.

As a result, the display screen for the control pages and the names of functions vary from Busch-*priOn* to Busch-*priOn*.

However, the basic design is always the same.

The control menu shown above is an example of a more comprehensive setup.

The control menu shown above is an example of a more basic setup.



CONTROLS

Busch-priOn is operated via the button (D) and control dial (E).

Button (D):

- Press and release the button to exit the current function. If your electrician has set a primary function, your Busch-priOn returns to this initial setting.

The primary function is the function that you run most frequently and therefore are returned to automatically.

- Press and hold the button to call up the main menu (circuit menu).
- Press and release the button to acknowledge the current messages.

Control dial (E):

- Rotate the dial (to the right or left) to select a function or set a value.
- Press to change to the selected feature or confirm a configured value or selection.

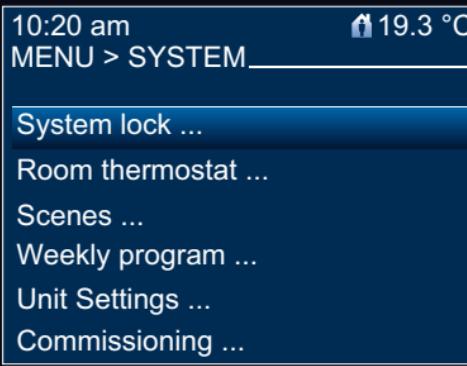


Use the following example to familiarize yourself with Busch-priOn.

SETTING THE BRIGHTNESS

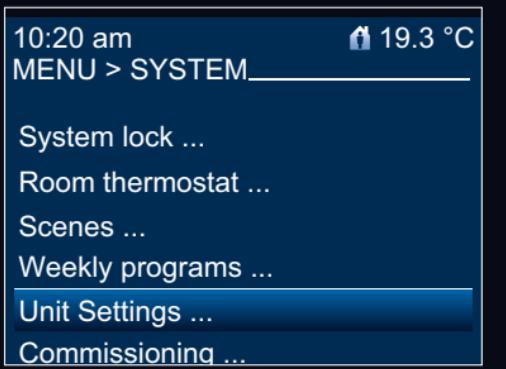
Press the button to change between icons in the main menu (circuit menu).

1. Rotate the control dial to select the "System" function.
- Stop once the icon is in the foreground. 

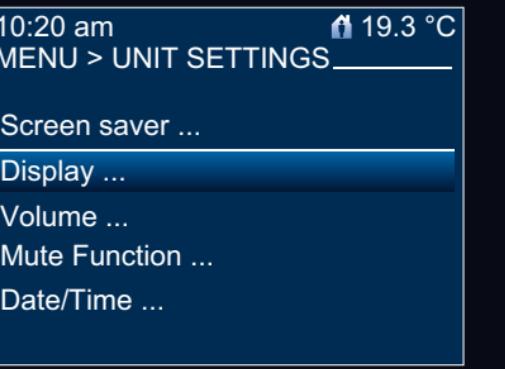


2. Press the control dial.

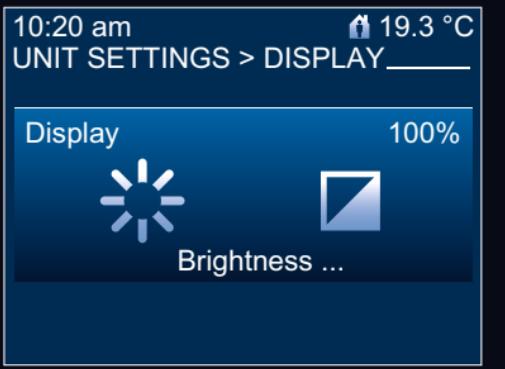
- Busch-priOn switches to the "System" function.



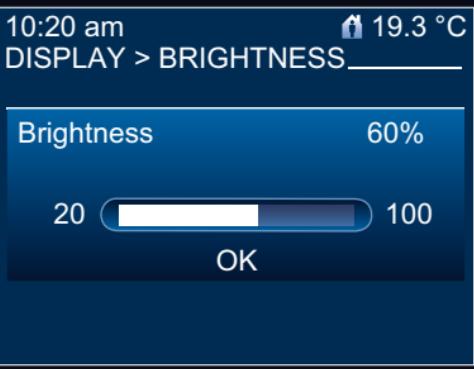
3. Use the control dial to select the **“Unit Settings”** function.
 - Stop once you have highlighted the **“Unit Settings”** function.
4. Press the control dial.
 - Busch-priOn switches to the **“Unit Settings”** function.
5. Rotate the control dial to select the **“Display”** function.



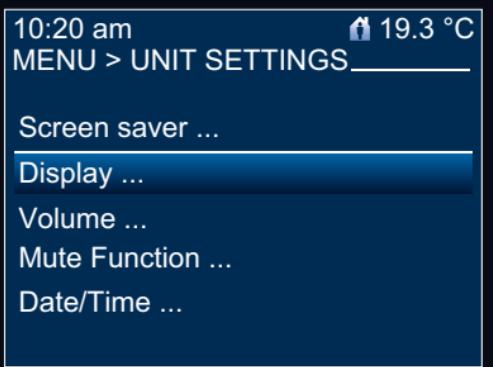
6. Press the control dial.
 - Busch-priOn switches to the **“Display”** function.



7. Use the control dial to select the **“Brightness”** function.
8. Press the control dial.
 - Busch-priOn switches to the **“Brightness”** function.
9. Rotate the control dial to adjust the **“Brightness”** function.
 - The brightness is displayed on the bar at the upper right in %.



10. Press the control dial.
 - This saves the configured brightness.
 - Busch-priOn switches back to the **“Display”** function.



11. Press and release the button.

- Busch-priOn goes back one single function.



12. Press and hold the button.

- Busch-priOn returns to the main menu.

With the example of the screen brightness you have learned about an area completed with a single setting.



There are, of course, areas that require several settings. Have a look at the area of heating.

Your heating system is normally set automatically for optimal operation. If, however, you want to change the settings, e.g., to lower or raise the room temperature for a certain period, you can do so manually adjust your Busch-priOn or use the integrated weekly timer.

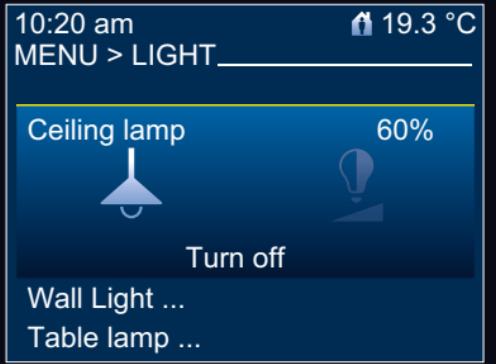
The three areas for the heating system are:

- Change the default for the setpoint
- Switch the operating mode (present, absent)
- Switch off the room thermostat

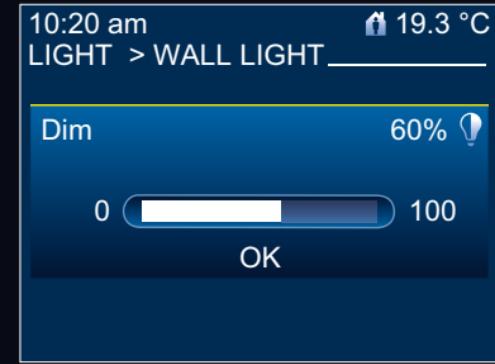


The “**Light**” function enables you to control all the lamps in the room where you are currently.

To control the lamps, select the “**Light**” function in the main menu.

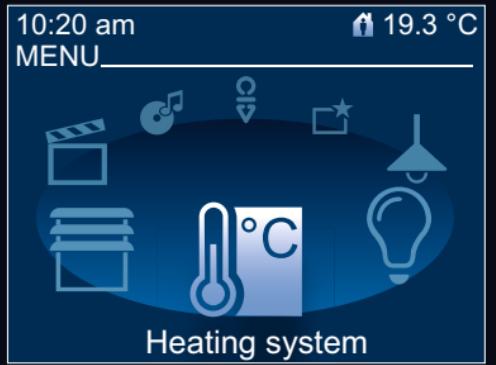


If the lamps have a dimmer function, you can adjust the light level before moving to the next lamp.



Once you accept a dimmer setting, the setting is stored.

 You can set the automatic switching times via the “**Weekly Timers**” function.



MANUAL MODE

The “**Heating**” function enables you to adjust the heating system to meet your needs. Simply enter a temperature (setpoint).

SETPOINT

The heating system adjusts the temperature to this setting. The setting can be changed at any time.

The setpoint is stored in the memory. When the heating system changes the operating mode, e. g., over night, it uses the manual setpoint, not the preconfigured value.



CHANGING THE OPERATING MODE

This function enables you to change to a different operating mode.

The current mode is displayed in the header (upper right).

Four modes are available:

- Comfort: You are at home.
- Stand-by: You are not at home.
The temperature is lowered.
- Night: The temperature is lowered.

- Party: When nighttime temperature reduction is activated, you can use the party function to temporarily raise the temperature to the comfort temperature.

CONTROL OFF

If you switch off the heating control, the heating system switches to the “**Frost protection**” mode.

10:20 am  19.3 °C
RTC > AFTER POWER FAILURE _

Basic Setpoints ...

Mode after Power Failure ...

Temperature Scale ...

BASIC TEMPERATURE SETTINGS

This function enables you to configure the basic temperature settings for the heating system.

You only have to change the basic settings when major needs change. These settings are typically configured by your electrician.

In daily operation, the heating system is adjusted to the basic setpoint for the current mode.

To configure the basic setpoints, select **“System/Room**

10:20 am  19.3 °C
RTC > SETPOINT _____

Basic Setpoints 19.3°C



Absent ...

Temperature in the main menu and then select **“Basic Setpoints”**.

The **“Basic Setpoints”** function enables you to enter the basic temperature for the following modes:

- Absent
- Present
- Night
- Party
- Frost protection

 If you are using timer functions with your heating control system, the mode changes once you reach a switching time, even if you previously changed modes manually. You will therefore have to change modes manually again. As a result, operating modes with a high temperature do not always remain enabled.

10:20 am  19.3 °C
RTC > AFTER POWER FAILURE _

Absent

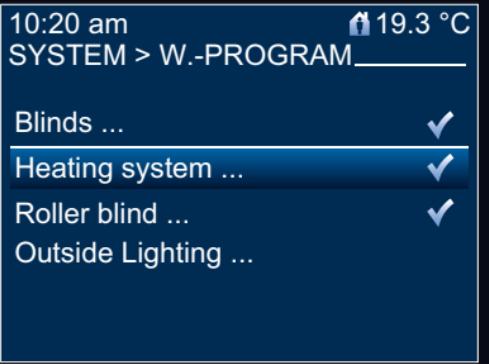
Present

Night

Frost Protection

ADDITIONAL BASIC SETTINGS

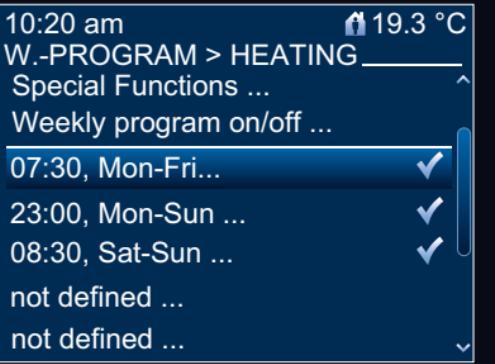
The function **“Mode after Power Failure”** allows you to select the proper mode for this situation, in order to ensure that the room temperature is set to the temperature you want after a power outage.



The weekly programs function enables you to set switching times, e.g., for the heating system, the blinds or the overhead lights.

Switching times help you define a schedule for each day of the week and help plan for specific situations such as holidays.

You only have to change switching times when major needs change.



To configure the switching time, select **“System/Weekly Timer for Heating”** in the main menu.

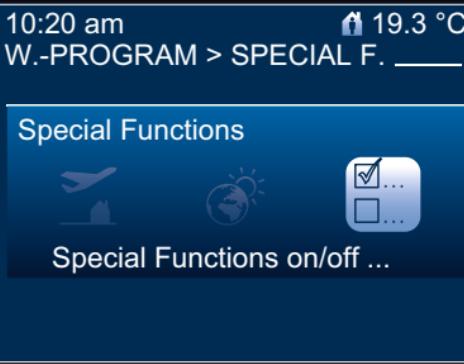


Select the function **“Switching Time”** and set the start time for the switching function.

It is not necessary to enter an end time.

The heating system switches automatically to a different mode only if a switching time is also set for the other mode.

If temperatures for the individual operating modes are already set under **“Room Thermostat”**, these are also adjusted at this time.



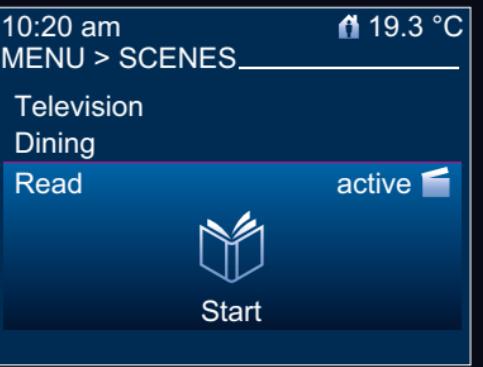
The **“Special Functions”** enable you to enter your holiday information by selecting the first and last date. This section also allows you to adjust the **“Astro Function”** and **“Lock Times”**. These can be switched on/off via **“Special Functions On/Off”**.

SCENE/SEQUENCE



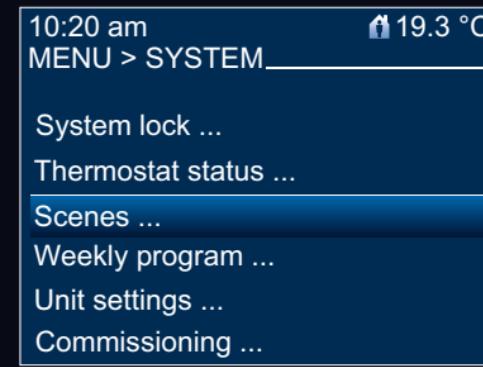
Scenes enable you to automatically start home systems based on predefined settings.

If you want to read, e.g., the ceiling lamp is dimmed, the reading lamp is switched on, and the roller shutters are lowered.



To start a scene, e.g., **“Read”**, select **“Scenes”** in the main menu and then select **“Read”**.

Start the scene by pressing the control dial.



CREATING SCENES

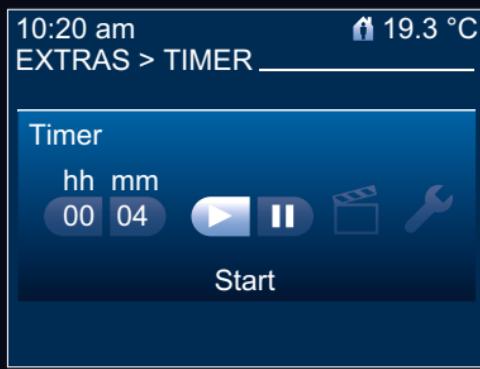
The exact sequence of a scene, e.g., **“Read”**, is programmed by your electrician prior to commissioning *Busch-priOn*.



SEQUENCE

For a sequence, the time intervals between the running actions can be set individually.

Settings for sequences are configured directly in the system settings.



Busch-priOn enables you to control time functions. This includes, e.g., alarms or timers.

TIMER

The timer displays the end of a configurable run time.

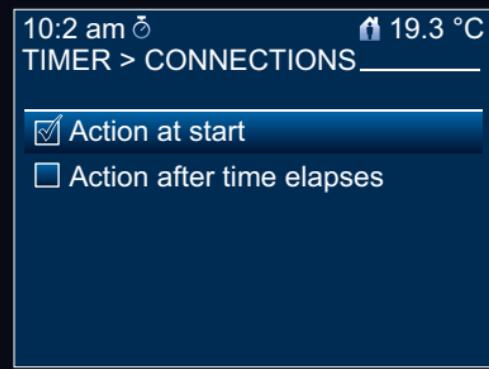
To set the time, select "**Tools**" in the main menu and then select "**Timer**".

Use the control dial to select the hours and minutes, and click to confirm the selection.

Then use the control dial to set the number of minutes.

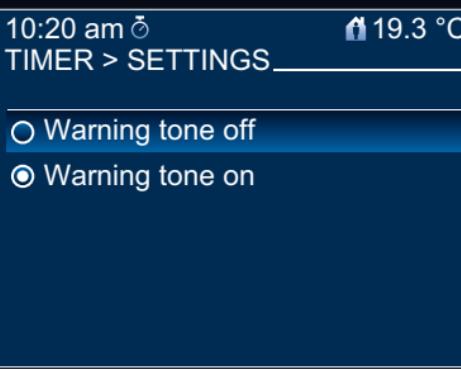
To start the timer, select "**Start**" and click to confirm. The header displays the time running backwards.

Once the configured time elapses, a message is displayed.



ACTIVATING/DEACTIVATING ACTIONS

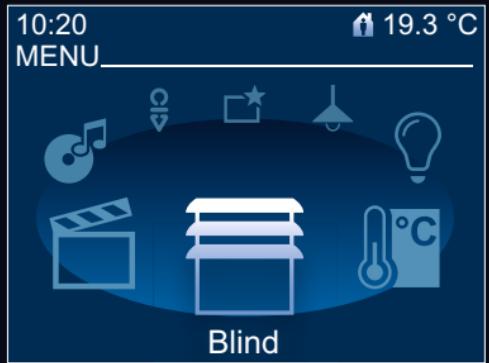
Your electrician can link actions for starting or stopping a timer when commissioning the system. You can activate or deactivate these actions via the "**Links**" function.



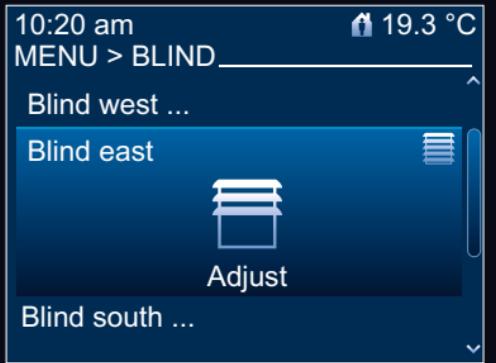
In the timer settings, you can, e.g., activate a warning tone.

ALARM CLOCK

The "**Alarm Clock**" can be configured in a similar manner.

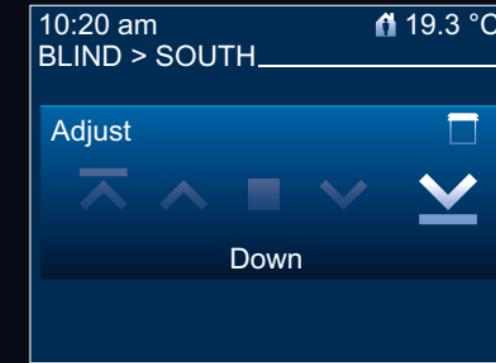


To control a blind, select the **“Blind”** function in the main menu.



The controllable units are displayed in a list.

1. Select a specific unit, e.g., the southern blind.



2. Select a command, e.g. **“Down”**.

3. Press the control dial.
 - The southern blind is lowered.

The following commands are available:

▲ ▼ Up/Down: The blind is lowered completely.

▲ ▼ Incremental Up/Down: The blind turns the first time you press the dial. Each additional time you press the control dial, the blind moves up/down.

 Stop: The blind stops at the current position.

To change the position of the slats, move the blind up one step after, e.g., lowering it completely.

 You can set the automatic switching times via the **“Weekly Timer”** function.



Busch-priOn enables you to control audio equipment. This includes radios as well as video and CD players.

RADIO

To control the audio equipment, select "**Audio**" in the main menu and then select "**Radio**".

Use the control dial to select the audio unit and click to confirm the selection.



The "**Radio**" function provides the normal features of a radio, e.g. "**On/Off**" or "**Select Station**".

For multimedia functions, an EIB media box has to be integrated in the system.
This can be purchased from Fa. Coldewey by your electrician:

www.coldewey.de
Detlef Coldewey GmbH, Burgstraße 6, 26655 Westerstede



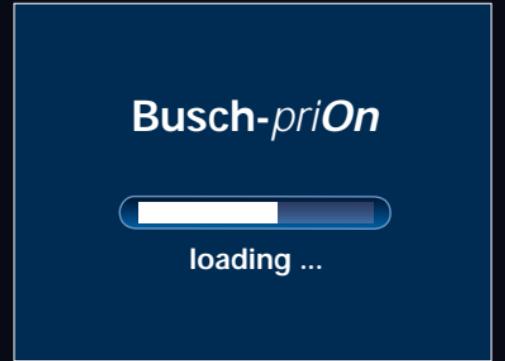
MICRO SD CARD

Busch-priOn offers you the option of upgrading the software provided. Just insert a micro SD card at the top of the control system.

(A Port for a micro SD card
– under the cover strip)

The software upgrades are available for download from www.BUSCH-JAEGER.com under Production Information – Support – Download Center.

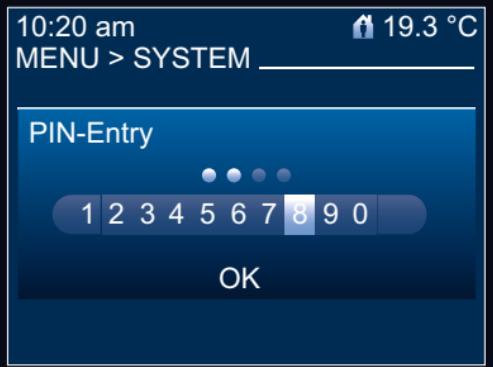
In addition, you can add images, for screen savers via the micro SD card.



POWER FAILURE

After a power failure the welcome screen is displayed first. After a moment, Busch-priOn switches to the main menu or to the previously configured primary function. The latter is set by the electrician.

All the times, values, etc., set by you are retained in the event of a power failure. They do not need to be reentered.



OPERATOR LOCK

Operator lock enables you to protect *Busch-priOn* from unauthorized access.

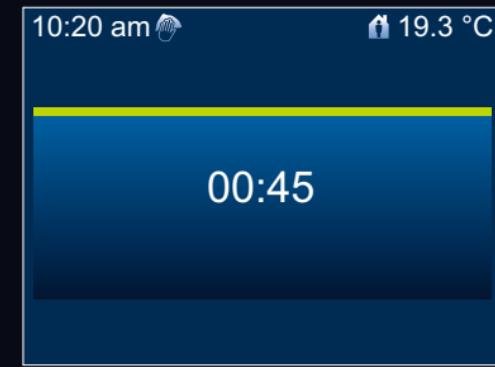
Use the control dial to select a number as a PIN and click to confirm.

After a predefined period, the authorization is reset and the PIN has to be reentered.
The “**Lock**” icon indicates password-protected functions.



 An operator lock for selected functions can be set up by your electrician.

The relevant functions are marked by a red prohibited icon and cannot be run or modified.



CLEANING LOCK

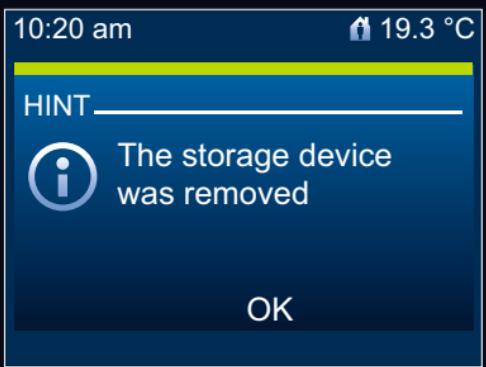
To ensure that functions on *Busch-priOn* are not activated accidentally during housecleaning activities, you can lock the controls for a specific time period.

To switch on the cleaning lock, press and hold the control dial.

The cleaning lock switches off automatically after a predefined period.



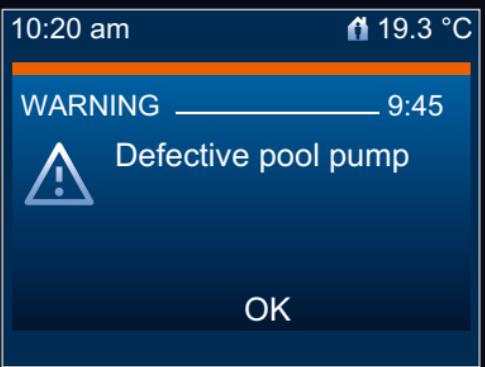
Do not spray any cleaning agents directly on the screen or controls.
Clean the screen using a soft cloth and standard glass cleaner.



Your Busch-priOn contains three message priorities:

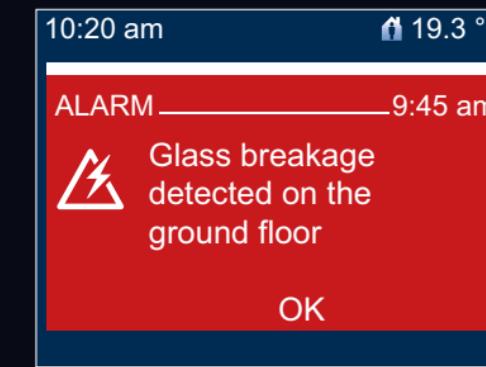
NOTE

This message provides users with low priority information.



WARNING

A warning provides users with information about defective system elements.



ALARM

Alarms are the highest level of priority. In the event of an alarm, you need to act immediately.



Busch-priOn can be connected to a weather station. In the event of a wind alarm, Busch-priOn can block operation of awnings.



Busch-priOn – EVERYTHING DIRECTLY UNDER CONTROL

D	Bedienungsanleitung
GB	Operation instructions
FR	Instructions d'utilisation
NL	Bedieningshandleiding
IT	Istruzioni per l'uso
ES	Instrucciones de manejo
FI	Käyttöohje
RUS	Руководство по эксплуатации
CN	操作说明书



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Busch-*priOn* OPERATING INSTRUCTIONS

