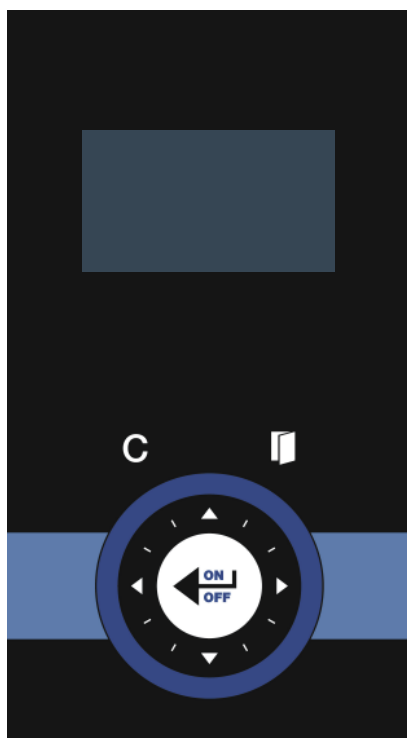


# WIESHEU



## The Comfort Control



EN

Original-Operating-Manual

### Contents

<b>1.</b>	<b>About the operating manual</b>	<b>4</b>
<b>2.</b>	<b>Technical description</b>	<b>5</b>
<b>2.1</b>	<b>Comfort control functional overview</b>	<b>6</b>
<b>2.2</b>	<b>Program steps and settings / Comfort control parameters</b>	<b>7</b>
<b>3.</b>	<b>Function and operation of the Comfort control</b>	<b>8</b>
<b>3.1</b>	<b>Switching on</b>	<b>8</b>
<b>3.1.1</b>	<b>Main menu</b>	<b>8</b>
<b>3.2</b>	<b>Menu item „Work“</b>	<b>9</b>
<b>3.2.1</b>	<b>Manual baking</b>	<b>9</b>
<b>3.2.1.1</b>	<b>Changing the settings / parameters in the manual baking program</b>	<b>9</b>
<b>3.2.2</b>	<b>Selecting / starting a baking program</b>	<b>10</b>
<b>3.2.2.1</b>	<b>Changing the settings / parameters during a running program</b>	<b>10</b>
<b>3.2.2.2</b>	<b>Baking off</b>	<b>11</b>
<b>3.2.2.3</b>	<b>Cancelling a program</b>	<b>11</b>
<b>3.3</b>	<b>Menu item „Switch off“</b>	<b>12</b>
<b>3.4</b>	<b>Menu item „Clock“</b>	<b>12</b>
<b>3.5</b>	<b>Menu item „Appliance ID“</b>	<b>12</b>
<b>3.6</b>	<b>Menu item „Programming“</b>	<b>13</b>
<b>3.6.1</b>	<b>Editing a program</b>	<b>13</b>
<b>3.6.1.1</b>	<b>Editing a program name</b>	<b>14</b>
<b>3.6.1.2</b>	<b>Editing a program step</b>	<b>15</b>
<b>3.6.1.3</b>	<b>Inserting a new program step</b>	<b>15</b>
<b>3.6.1.4</b>	<b>Copying a program step</b>	<b>16</b>
<b>3.6.1.5</b>	<b>Moving a program step</b>	<b>16</b>
<b>3.6.1.6</b>	<b>Deleting a program step</b>	<b>17</b>
<b>3.6.2</b>	<b>Inserting a new program</b>	<b>18</b>
<b>3.6.3</b>	<b>Copying a program</b>	<b>19</b>
<b>3.6.4</b>	<b>Moving a program</b>	<b>19</b>
<b>3.6.5</b>	<b>Deleting a program</b>	<b>19</b>
<b>3.6.6</b>	<b>Deleting an entry</b>	<b>20</b>
<b>3.6.7</b>	<b>Adding a program</b>	<b>20</b>

<b>3.7</b>	<b>Menu item „Settings“</b>	<b>21</b>
<b>3.7.1.</b>	<b>Auto-start</b>	<b>22</b>
<b>3.7.2.</b>	<b>Appliance ID</b>	<b>23</b>
<b>3.7.3.</b>	<b>User setting</b>	<b>23</b>
<b>3.7.3.1.</b>	<b>Light</b>	<b>24</b>
<b>3.7.3.2.</b>	<b>Sound</b>	<b>25</b>
<b>3.7.3.3.</b>	<b>Country setting</b>	<b>26</b>
<b>3.7.3.3.1</b>	<b>Language</b>	<b>26</b>
<b>3.7.3.3.2</b>	<b>Temperature unit °C or °F</b>	<b>27</b>
<b>3.7.3.3.3</b>	<b>Time / Date format</b>	<b>27</b>
<b>3.7.3.4.</b>	<b>Door lock</b>	<b>28</b>
<b>3.7.3.4.1</b>	<b>Automatic door lock</b>	<b>28</b>
<b>3.7.3.4.2</b>	<b>Baking door lock</b>	<b>29</b>
<b>3.7.3.5.</b>	<b>Display</b>	<b>29</b>
<b>3.7.4.</b>	<b>Appliance settings</b>	<b>30</b>
<b>3.7.4.1.</b>	<b>Communication</b>	<b>30</b>
<b>3.7.4.2.</b>	<b>Energy saving</b>	<b>31</b>
<b>3.7.4.2.1</b>	<b>Switching off the display</b>	<b>31</b>
<b>3.7.4.2.2</b>	<b>Switching off the light</b>	<b>32</b>
<b>3.7.4.2.3</b>	<b>Ending VH</b>	<b>33</b>
<b>3.7.4.2.4</b>	<b>Entering standby</b>	<b>34</b>
<b>3.7.4.3.</b>	<b>Operating parameters</b>	<b>35</b>
<b>3.7.4.4.</b>	<b>Factory setting</b>	<b>35</b>
<b>3.7.5.</b>	<b>Date and time</b>	<b>36</b>
<b>3.7.6.</b>	<b>User manager</b>	<b>37</b>
<b>4.</b>	<b>Copyright</b>	<b>38</b>

### 1. About the operating manual

This Operating Manual is not to be construed as a comprehensive operating manual.

It is only a supplement to the operating manual for the oven.

All directives and descriptions set forth in this operating manual apply to the operating manual for the oven.

This applies especially to the chapters "About the Operating Manua" and "Safety Instructions".

WIESHEU GmbH assumes no liability for damage occurring as a result of not observing the operating instructions of the control, or by baking with incorrectly set operating parameters.



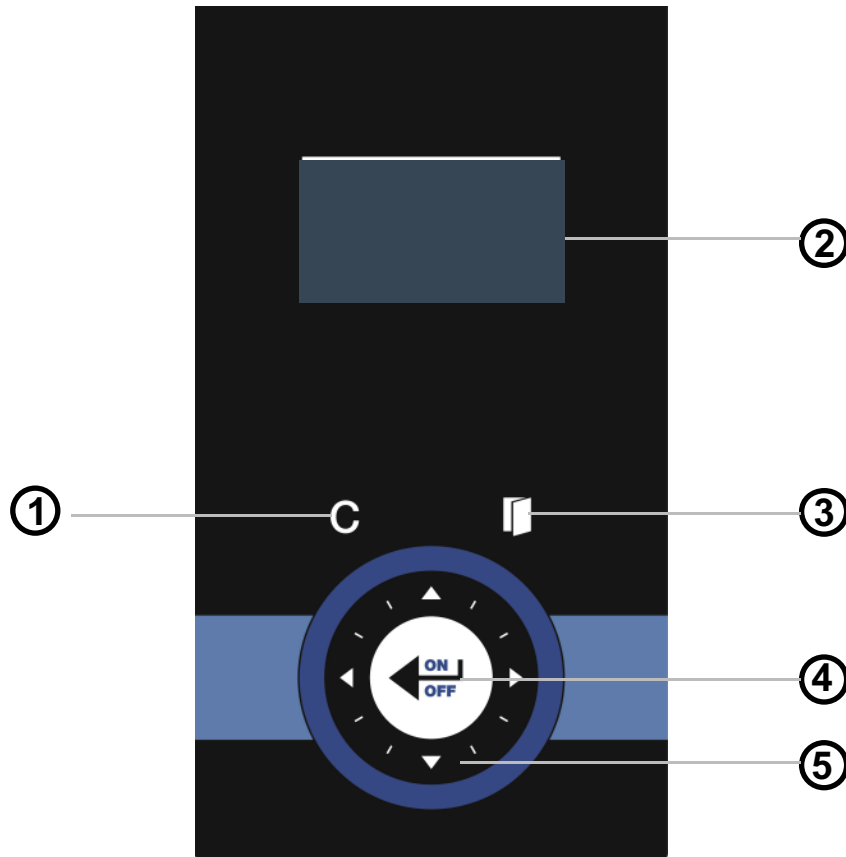
**This operating manual describes the function and operation of the Comfort control. Some of the functions/options described are dependent on the respective type of oven.**


This operating manual is an integral part of the product and must be kept in close proximity to the control, and stored in such a way that it is easily accessible for operating personnel at all times.

## Technical description

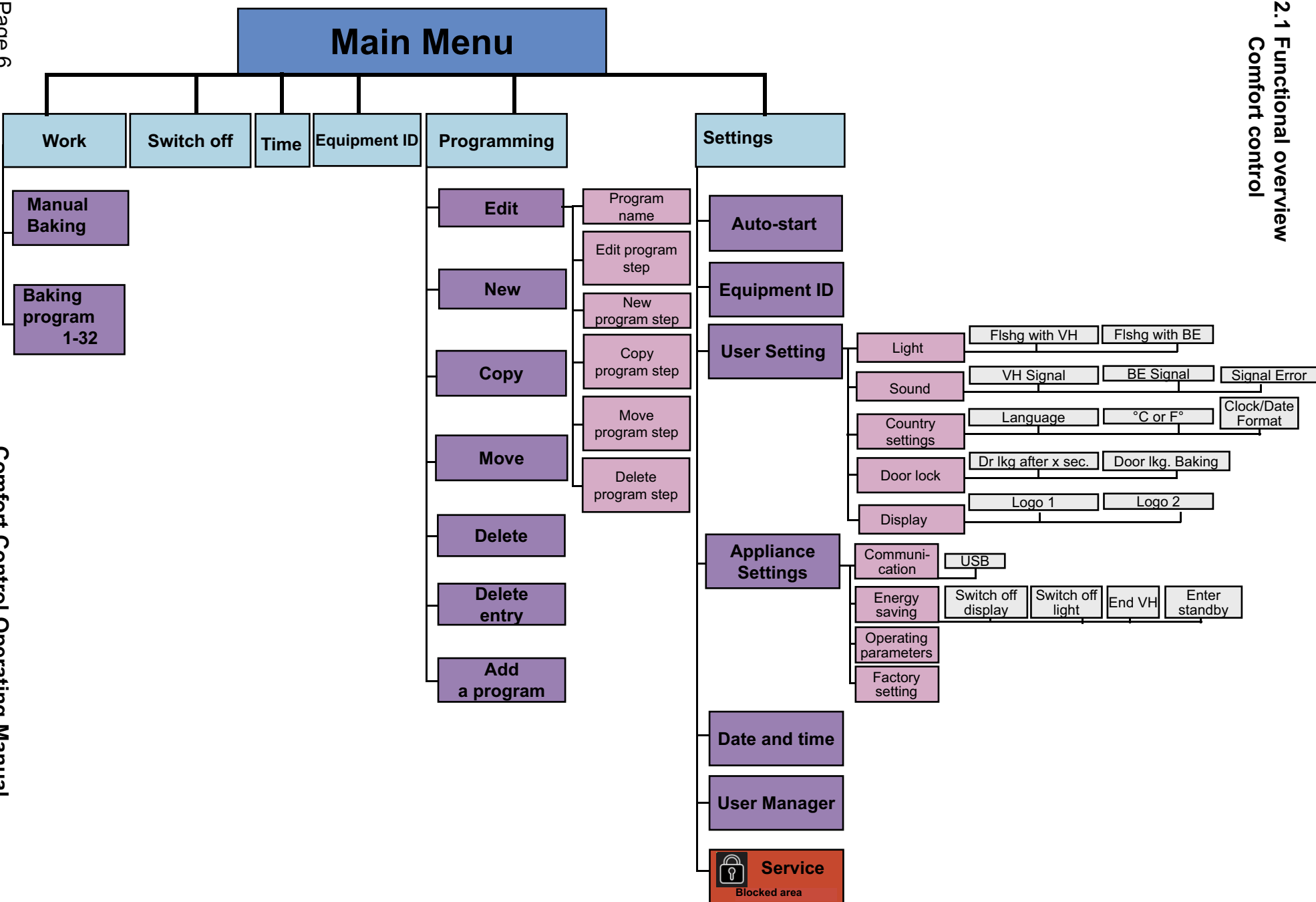
### 2. Technical description

#### Comfort control



Item	Designation	Function
1	"C" sensor key	Correction, to go back one program step
2	Display	Displaying data
3	"Door" sensor key	Open/close door
4	Sensor key ON/OFF 	Switches the device on/off, confirms entry values
5	Slider	Sets input values. (Description Point 3.)

## 2.1 Functional overview Comfort control



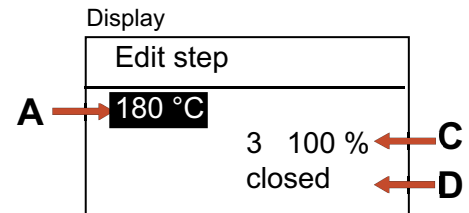
## Technical description

### 2.2 Program steps and settings / Comfort control parameters

Within the program steps you can change the following settings / parameters:

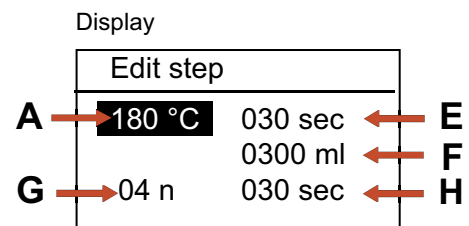
#### "Pre-heating" program step (01 Vorh):

- Preheating temperature (A)  
=> Setting from 30 - 250 °C.
- Motor speed (C)  
=> Setting from 1 - 8 (= 33 - 100 %).
- Exhaust air damper setting (D)  
=> "Open/closed" setting.  
=> Setting not possible with Minimat.



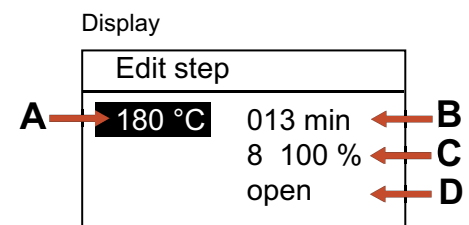
#### "Steaming" program step (02 Beschw):

- Temperature (A)  
=> Settings from 30 - 250 °C.
- Steaming time / duration of entire steaming time (E)  
=> Setting from 1 - 999 seconds.
- Amount of water (F)  
=> Setting from 0 - 999 millilitres.
- Number of steaming operations (G)  
=> Setting from 1 - 15.
- Application time (H)  
=> Setting from 1 - 240 seconds.



#### "Baking" program step (03 Back):


- Baking temperature (A)  
=> Settings from 30 - 250 °C.
- Baking time (B)  
=> Setting from 1 - 240:00 minutes.
- Motor speed (C)  
=> Setting from 1 - 8 (= 33 - 100 %).
- Exhaust air damper setting (D)  
=> "Open/closed" setting.  
=> Setting not possible with Minimat.

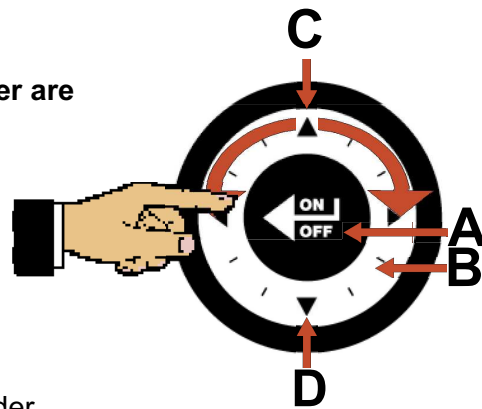


## 3. Function and operation of the Comfort control

### Function of the slider:

The following options for selection using the slider are described below:



- Turn to the left on the slider (B), or
- Press the arrow up (C).  
=> The selection bar moves left/up.
- Turn to the left on the slider, or
- Press the arrow up (D).  
=> The selection bar moves right/down.
- Press the sensor key  (A) in the middle of the slider.  
=> The change is confirmed/saved.



### 3.1 Switching on

The oven is connected to the electricity network.

=> When switched on for the first time, the software information of the control is displayed.

- Press the sensor key  .  
=> The logo is shown in the display.
- Press the sensor key  for approx. 5 seconds.  
=> The control is switched on.  
=> The system displays the "Work" menu item.

Display

```
Comfort Ver.xxxxx
Developed for WiesheuGmbH
©LNT-AutomationGmbH09
Version xxx/xx/xx
Build xxxx/xx/xx
```

Example of display



**On appliances fitted with a water tank, check the fill level every time the unit is switched on and fill up if necessary.**

### 3.1.1 Main menu

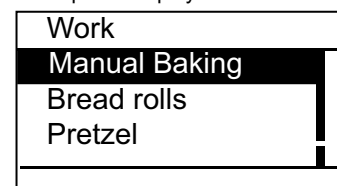
You are in the "Work" part of the menu.

- Press the "C" sensor key.  
=> You are in the main menu.

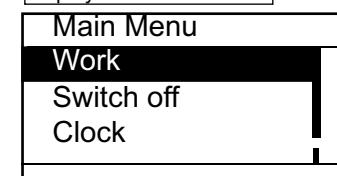
The following menu items are displayed in the main menu:

- |              |                    |
|--------------|--------------------|
| Work         | => see Chapter 3.2 |
| Switch off   | => see Chapter 3.3 |
| Clock        | => see Chapter 3.4 |
| Appliance ID | => see Chapter 3.5 |
| Programming  | => see Chapter 3.6 |
| Settings     | => see Chapter 3.7 |

Example of display



Display



**By pressing the "C" sensor key once or repeatedly you will return from each menu item to the main menu.**



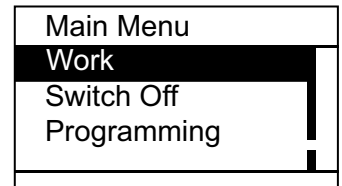
## Operation

### 3.2 Menu item "Work"

You are in the main menu.

- Use the slider to choose the "Work" menu item.

Display

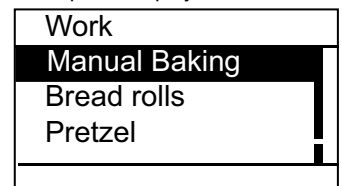


#### 3.2.1 Manual baking

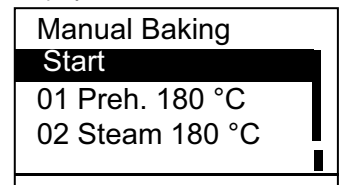
You are in the "Work" part of the menu.

- Use the slider to choose the "Manual baking" menu item.  
=> The last entered baking parameters are shown in the display.
- Use the slider to choose the "Start" menu item.  
=> The baking process starts with the specified settings.

Example of display



Display

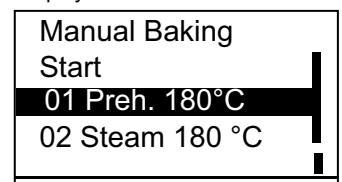


##### 3.2.1.1 Changing the settings / parameters in the manual baking program

You are in the "Manual baking" part of the menu.

- Use the slider to choose the program step you would like to change.
- Use the slider to change the setting.
- Press the "C" sensor key.  
=> You will return to the "Manual baking" program.
- Use the slider to choose the "Start" menu item.  
=> The baking process starts with the changed settings.

Display




**The settings will remain saved until the next change.**

### 3.2.2 Selecting / starting a baking program

You are in the "Work" part of the menu.

- Use the slider to choose the desired baking program.  
=> Preheating starts.



- => If the pre-heating temperature is reached, an audible signal sounds.
- => The display shows the message "Temperature reached. Load oven".
- Press the sensor key 
- => The acoustic signal stops.

Display

Work
Manual Baking
<b>Bread rolls</b>
Pretzel

Display

<p>Info! Temp. reached. Load oven!</p>
--

	<p><b>WARNING</b></p> <p><b>Danger of burns!</b> Caution with hot oven, there is hot steam!</p>		<p><b>WARNING</b></p> <p><b>Danger of burns!</b> Put on gloves. Open the oven door carefully!</p>
---	---	---	---

- Open the oven door.
- Load the oven quickly.  
=> Temperature loss inside the oven will be reduced.
- Close the oven door.  
=> The display shows the message "Continue program? Yes / No".
- Use the slider to choose "Yes":  
=> The baking program is continued.
- Use the slider to choose "No":  
=> The baking program will be aborted.

Display

<p>Continue program?</p> <p><b>Yes</b></p> <p>No</p>
--



The Comfort control has 32 programs each with 20 baking steps.

#### 3.2.2.1 Changing the settings / parameters during a running program

You are in the running baking program.

During the running baking program you can change the settings of the program.

- Use the slider to choose the setting you would like to change.
- Use the slider to change the setting.  
=> The baking program will continue to run with the changed settings.  
=> The changes will not be saved.

## Operation

### 3.2.2.2 Baking off

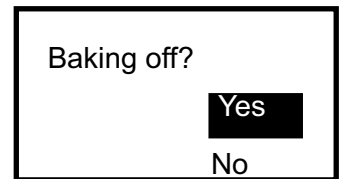
At the end of the baking process an audible signal sounds.  
=> The display shows the message "Baking off?".

- Use the slider to choose "Yes":
- Set the duration of the baking off time using the slider.  
=> Baking off starts.  
=> If the baking off time has expired, the message "Baking off" is shown again in the display.

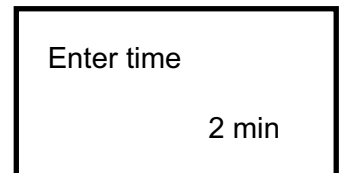
- Use the slider to choose "Yes":  
=> You can set a new baking off time.

- Use the slider to choose "No":  
=> The baking program ends.

Display



Display



In this menu item a time setting from 1 - 240 minutes is possible.

### 3.2.2.3 Cancelling a program

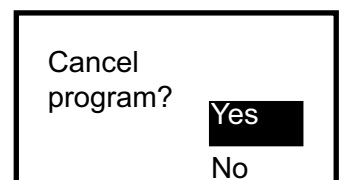
You are in the running baking program.

- Press the "C" sensor key.  
=> The display shows the message "Cancel program? Yes / No".

- Use the slider to choose "Yes":  
=> The program will be aborted.

- Use the slider to choose "No":  
=> The program is continued.

Display



The running baking program can be cancelled at any time by pressing the "C" sensor key.

### 3.3 Menu item "Switch off"

You are in the main menu.

- Use the slider to choose the "Switch off" menu item.  
=> The control is switched off.

Display

Main Menu
Work
Switch Off
Programming

### 3.4 Menu item "Clock"

You are in the main menu.

The menu item "Clock" allows you to display the set time and date.

- Use the slider to choose the "Clock" menu item.  
=> The set time and date are shown in the display.
- Press the "C" sensor key.  
=> You are in the main menu.

Display

Main Menu
Work
Switch Off
Clock

Example of display

10:11:12
2010-01-11

Display depending on the setting

### 3.5 Menu item "Appliance ID"

You are in the main menu.

The menu item "Appliance ID" allows you to display the following appliance data.

- Use the slider to choose the "Appliance ID" menu item.  
=> The appliance data will be displayed:

Appliance type  
Serial number  
Door variant  
Software version  
Motors and heating controller (VFD) version

- Press the "C" sensor key.  
=> You are in the main menu.

Example of display

Appliance ID
Dibas 64 L
123456789
Standard door

## Operation

### 3.6 Menu item "Programming"

You are in the main menu.

- Use the slider to choose the "Programming" menu item.

In menu item "Programming" you have the following options:

Edit program	=> see Chapter 3.6.1
Insert new program	=> see Chapter 3.6.2
Copy program	=> see Chapter 3.6.3
Move program	=> see Chapter 3.6.4
Delete program	=> see Chapter 3.6.5
Delete program entry	=> see Chapter 3.6.6
Add program	=> see Chapter 3.6.7

Display

Main Menu
Work
Switch off
<b>Programming</b>

#### 3.6.1 Editing a program

You are in the "Programming" part of the menu.

- Use the slider to choose the program you would like to edit.  
=> You are in the program to be edited.
- Use the slider to choose the "Edit" menu item.
- Use the slider to choose the program step you would like to edit.  
=> You are in the "Programming - Editing" part of the menu.

In menu item "Programming - Editing" you have the following options:

Edit program step name	=> see Chapter 3.6.1.1
Edit program step	=> see Chapter 3.6.1.2
Insert new program step	=> see Chapter 3.6.1.3
Copy program step	=> see Chapter 3.6.1.4
Move program step	=> see Chapter 3.6.1.5
Delete program step	=> see Chapter 3.6.1.6

Display

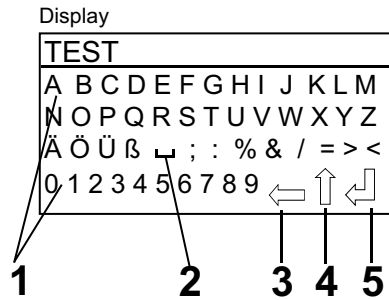
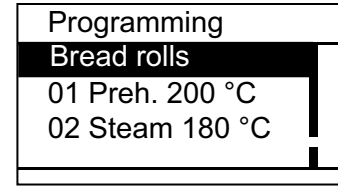
Programming
Manual Baking
Bread rolls
<b>Pretzel</b>

### 3.6.1.1 Editing a program name

You are in the "Programming - Editing" part of the menu.

- Use the slider to choose the program name.  
=> The alphabet is shown in the display.

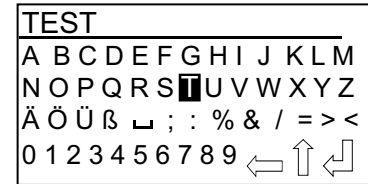
Display



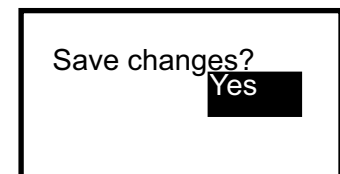
Item	Designation
1	Letter and number selection
2	Space character
3	Back/clear (e.g with wrong entries)
4	Shift key (lower-/upper case letters)
5	Return - Save and go back

- Use the slider to choose the desired letters / numbers.
- Press the sensor key .  
=> The letter / number value is accepted.
- Continue selecting further letters / numbers as described.  
=> The new program name is displayed.
- Use the slider to choose the "Return" key (5).
- Press the "C" sensor key.  
=> The display shows the message "Save changes? Yes / No".

Display



Display



- Use the slider to choose "Yes":  
=> The entry / change is saved.

- Use the slider to choose "No":  
=> The process will be aborted.  
=> The entered data will be discarded.

## Operation

### 3.6.1.2 Editing a program step

You are in the "Programming - Editing" part of the menu.

- Use the slider to choose the program step you would like to edit.
  - Use the slider to choose the "Edit" menu item.
  - Use the slider to change the setting / parameters.
  - Press the "C" sensor key.
- => The display shows the message "Save changes? Yes / No".

- Use the slider to choose "Yes":

=> The entry / change is saved.

- Use the slider to choose "No":

=> The process will be aborted.

**The settings which can be changed in the individual program steps are described in chapter 2.2.**

Display

Edit
Bread rolls
01 Preh. 200 °C
02 Steam 180 °C

Display

Edit step
210 °C
8 100%
closed

Display

Save changes?
Yes
No

### 3.6.1.3 Inserting a new program step

You are in the "Programming - Editing" part of the menu.

- Use the slider to choose the position where you want to insert the new baking step.
  - Use the slider to choose the "new" menu item.
  - Select a program step you would like to insert.
  - If necessary, edit the program step as described in chapter 3.6.1.2.
  - Press the "C" sensor key.
- => The display shows the message "Save changes? Yes / No".

- Use the slider to choose "Yes":

=> The new program step is inserted and saved.

- Use the slider to choose "No":

=> The process will be aborted.

Display

Edit
Bread rolls
01 Preh. 200 °C
02 Steam 180 °C

Display

Edit
New baking
New steaming

Display

Save changes?
Yes
No

### 3.6.1.4 Copying a program step

You are in the "Programming - Editing" part of the menu.

- Use the slider to choose the baking step you would like to copy.
- Use the slider to choose the "copy" menu item.
- Use the slider to choose the location where the copied baking step is to be inserted.

=> If necessary, edit the program step as described in chapter 3.6.1.2.

- Press the "C" sensor key.
- => The display shows the message "Save changes? Yes / No".

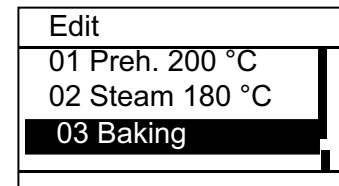
- Use the slider to choose "Yes":

=> The copied program step is inserted and saved.

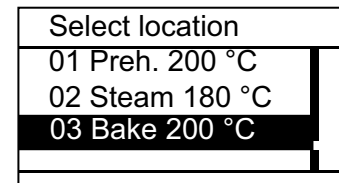
- Use the slider to choose "No":

=> The process will be aborted.

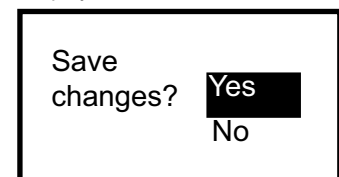
Display



Display



Display



### 3.6.1.5 Moving a program step

You are in the "Programming - Editing" part of the menu.

- Use the slider to choose the baking step you would like to move.
- Use the slider to choose the "Move" menu item.
- Use the slider to choose the location where the baking step is to be moved.
- Press the "C" sensor key.
- => The display shows the message "Save changes? Yes / No".

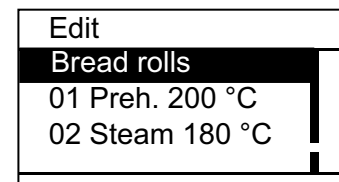
- Use the slider to choose "Yes":

=> The program step is saved in the new position.

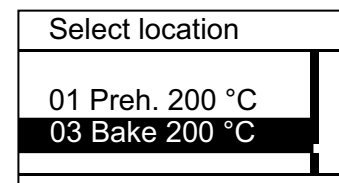
- Use the slider to choose "No":

=> The process will be aborted.

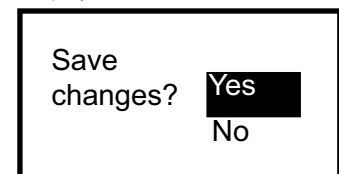
Display



Display



Display





## Operation

### 3.6.1.6 Deleting a program step

You are in the "Programming - Editing" part of the menu.

- Use the slider to choose the program step you would like to delete.
  - Use the slider to choose the "Delete" menu item.
- => The display shows the message "Remove entry? Yes / No".

- Use the slider to choose "Yes":

=> The program step is deleted.

- Use the slider to choose "No":

=> The process will be aborted.

Display

Edit
02 Steam 180 °C
<b>03 Bake 190 °C</b>
04 Bake 170 °C

Display

Remove entry?	<input checked="" type="radio"/> Yes
	<input type="radio"/> No

### 3.6.2 Inserting a new program

You are in the "Programming" part of the menu.

- Use the slider to choose the position where you want to insert the new baking program.
- Use the slider to choose the "new" menu item.  
=> Edit, copy, move or delete the program names and baking steps as described in the previous chapters 3.6.1.1 - 3.6.1.6.
- Press the "C" sensor key.
- The display shows the message "Save changes? Yes / No".

• Use the slider to choose "Yes":

- => The new baking program is inserted in the selected position.
- => The following baking programs have moved down one position.

• Use the slider to choose "No":

- => The process will be aborted.

Display

Programming
Manual Baking
<b>Pretzels</b>
Bread rolls

Display

Edit
Program
<b>01 Preh. 200 °C</b>
02 Steam 180 °C


Display

Save changes?	<b>Yes</b>
	No

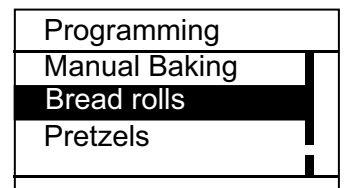
## Operation

### 3.6.3 Copying a program

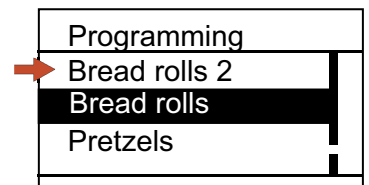
You are in the "Programming" part of the menu.

- Use the slider to choose the baking program you would like to copy.
  - Select the "copy" menu item.
  - Use the slider to choose the location where the copied program is to be inserted.
  - Press the sensor key .
- => The program is copied and inserted in the selected position.  
=> The following programs move down one program position.

Display




Display

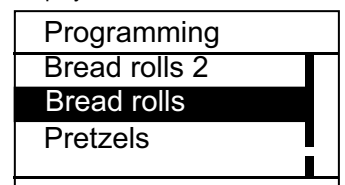


### 3.6.4 Moving a program

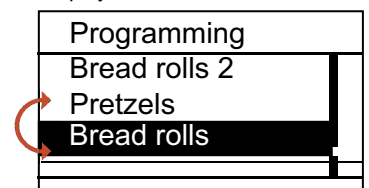
You are in the "Programming" part of the menu.

- Use the slider to choose the baking program you would like to move.
  - Use the slider to choose the "Move" menu item.
  - Use the slider to choose the location where the baking program is to be inserted.
  - Press the sensor key .
- => The program is moved and inserted in the selected position.  
=> The following programs move down one program position.

Display



Display



### 3.6.5 Deleting a program

You are in the "Programming" part of the menu.

- Use the slider to choose the baking program you would like to delete.
  - Use the slider to choose the "Delete" menu item.
- => The display shows the message "Remove entry? Yes / No".

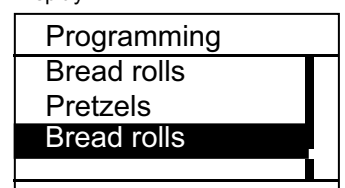
• Use the slider to choose "Yes":

=> The program is deleted.

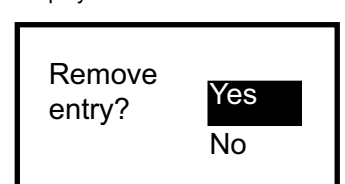
• Use the slider to choose "No":

=> The process will be aborted.

Display



Display



### 3.6.6 Deleting an entry

You are in the "Programming" part of the menu.

- Use the slider to choose the program you would like to remove.
  - Use the slider to choose the "Delete entry" menu item.
- => The display shows the message "Remove entry? Yes / No".

- Use the slider to choose "Yes":

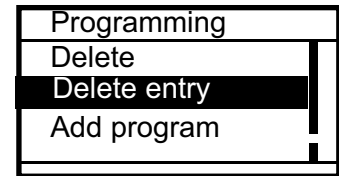
=> The program is removed from the display.

=> The program is moved to the memory of the control.

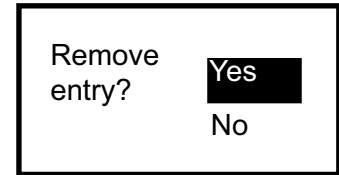
- Use the slider to choose "No":

=> The process will be aborted.

Display




Display



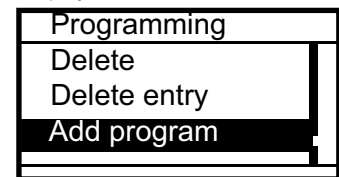
The program is removed from the display but not deleted.  
It is moved to the memory of the control.

### 3.6.7 Adding a program

You are in the "Programming" part of the menu.

- Use the slider to choose any program name.
  - Press the sensor key .
  - Use the slider to choose the "Add program" menu item.
- => All stored programs in the memory of the control are added to the display.

Display



The display will add the programs from the memory of the control.

## Operation

### 3.7 Menu item "Settings"

You are in the main menu.

- Use the slider to choose the "Settings" menu item.  
=> You are in the "Settings" part of the menu.

In menu item "Settings" the following menu items are displayed:

Auto-start	=> see Chapter 3.7.1
Appliance ID	=> see Chapter 3.7.2
User setting	=> see Chapter 3.7.3
Appliance setting	=> see Chapter 3.7.4
Date and time	=> see Chapter 3.7.5
User manager	=> see Chapter 3.7.6



Service => Settings accessible only for service partners!

Display

Main Menu
Switch Off
Programming
<b>Settings</b>

Display

Settings
<b>Auto-start</b>
Appliance ID
User setting

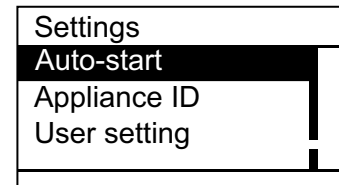
### 3.7.1 Auto-start

You are in the "Settings" part of the menu.

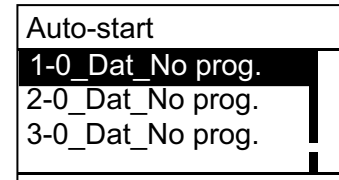
In menu item "Auto-start" you have the option to start each of the programmed baking programs at predefined times in pre-heating mode.

- Use the slider to choose the "Auto-start" menu item.
- Use the slider to choose the desired Auto-start number.

Display

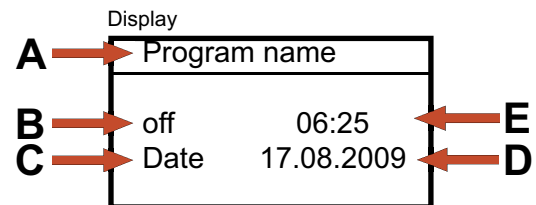


Display



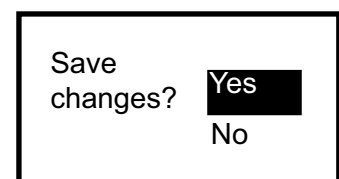
To define Auto-start as accurately as possible, the following individual settings are available:

- Baking program (A)  
=> Selection from all programmed baking programs.
- Auto-start "on / off" (B)  
=> Selection of the Auto-start function "on" or "off".
- Weekday (C)  
=> Selection of a weekday for the weekly recurrence of Auto-start.
- Date (D)  
=> Selection of a precisely defined date.
- Time (E)  
=> Selection of the start time.



- Use the slider to choose the position to be changed.
- Use the slider to change the setting.
- Press the "C" sensor key.  
=> The display shows the message "Save changes? Yes / No".

Display



- Use the slider to choose "Yes":  
=> The changes are saved.

- Use the slider to choose "No":  
=> The process will be aborted.  
=> The entered data will be discarded.



**Up to 40 different Auto-start settings can be stored.**

## Operation

### 3.7.2. Appliance ID

You are in the "Settings" part of the menu.

In menu item "Appliance ID" the following appliance data can be read.

- Use the slider to choose the "Appliance ID" menu item.  
=> The appliance data will be displayed.

Appliance description and size  
Serial number  
Door variant  
Software version  
Motors and heating controller (VFD) version

- Press the "C" button.  
=> You are in the "Settings" part of the menu.

Display

Settings
Auto-start
Appliance ID
User setting

Example of display

Equipment ID
Dibas 64 S
123456
Standard door

### 3.7.3 User setting

You are in the "Settings" part of the menu.

- Use the slider to choose the "User setting" menu item.

In menu item "User setting" the additional menu items are displayed:

Light => see Chapter 3.7.3.1  
Sound => see Chapter 3.7.3.2  
Country setting => see Chapter 3.7.3.3  
Door lock => see Chapter 3.7.3.4  
Display => see Chapter 3.7.3.5

Display

Settings
Auto-start
User setting
Appliance setting

Display

User setting
Light
Sound
Country setting

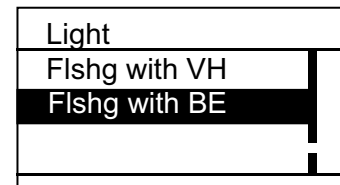
### 3.7.3.1 Light

You are in the "User setting" part of the menu.

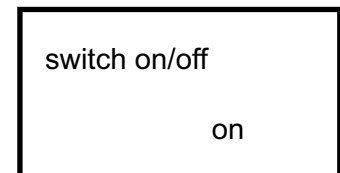
In menu item "Light" an optical signal can be assigned to a particular event.

- Use the slider to choose the "Light" menu item.
- Use the slider to choose the desired setting.
  - => Flashing with VH = light signal when preheating temperature reached
  - => Flashing with BE = light signal when baking process / baking program ends.
- Use the slider to choose "on" or "off".
  - => The light signal is switched on or off.
  - => The display shows the message "Save changes? Yes / No".
- Use the slider to choose "Yes":
  - => The entry is saved.
- Use the slider to choose "No":
  - => The process will be aborted.

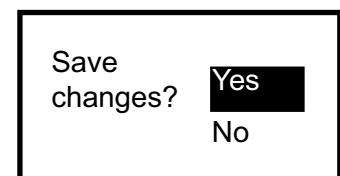
Display



Display



Display





## Operation

### 3.7.3.2 Sound

You are in the "User setting" part of the menu.

In menu item "Sound" an audible signal can be assigned to a particular event.

- Use the slider to choose the "Sound" menu item.
- Use the slider to choose the "Button volume" menu item:
- Use the slider to choose the desired setting.  
=> The button tones can be switched on or off.
- Use the slider to choose the "Signal time" menu item.
- Use the slider to choose the desired setting.
  - => Preheating sound = Duration of the sound signal on reaching the pre-heating temperature.
  - => Completed sound = Duration of the sound signal at program end.
  - => Error sound = Duration of the sound signal for error messages.
- Use the slider to enter the desired time setting.  
=> The display shows the message "Save changes? Yes / No".
- Use the slider to choose "Yes":  
=> The setting is saved.
- Use the slider to choose "No":  
=> The process will be aborted.

Display

Sound
<b>Button volume</b>
Signal Time

Example of display

switch on/off
on

Display

Signal Time
<b>Preheating sound</b>
Completed sound
Error sound

Display

Enter signal time
10 min

Display

Save changes?
Yes
No



The duration of the sound signals can be set as "Always on" (continuous signal) and from 1 - 30 minutes.

### 3.7.3.3 Country setting

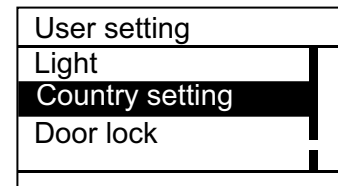
You are in the "User setting" part of the menu.

- Use the slider to choose the "Country setting" menu item.

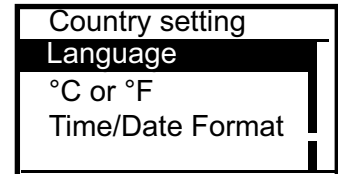
In menu item "Country setting" the additional menu items are displayed:

Language => see Chapter 3.7.3.3.1  
 °C or °F => see Chapter 3.7.3.3.2  
 Time/Date format => see Chapter 3.7.3.3.3

Display



Display



#### 3.7.3.3.1 Language

You are in the "Country setting" part of the menu.

- Use the slider to choose the "Language" menu item.  
 => The two saved languages are shown in the display.
- Change the setting using the slider.  
 => The display shows the message "Save changes? Yes / No".

• Use the slider to choose "Yes":

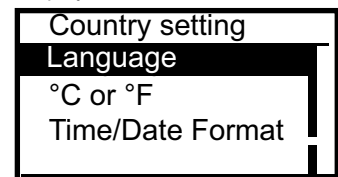
=> The setting is saved.

=> Menu navigation is now shown in the set language.

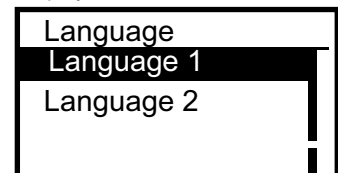
• Use the slider to choose "No":

=> The process will be aborted.

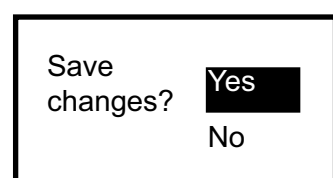
Display



Display



Display



On the Comfort control, two languages for menu navigation can be saved.

## Operation

### 3.7.3.3.2 Temperature unit °C or °F

You are in the "Country setting" part of the menu.

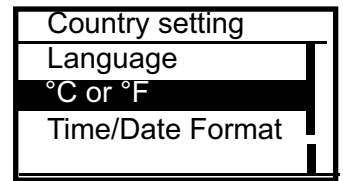
In this menu item you have the option to set the temperature display in °C or °F.

- Use the slider to choose the "°C or °F" menu item.
  - Use the slider to choose the desired unit setting.
- => The display shows the message "Save changes? Yes / No".

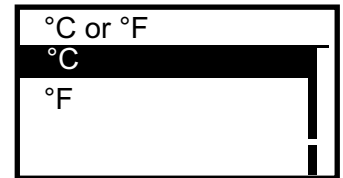
• Use the slider to choose "Yes":  
=> The setting is saved.

• Use the slider to choose "No":  
=> The process will be aborted.

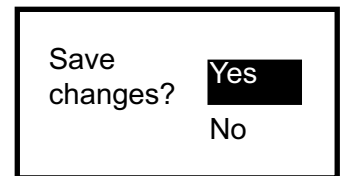
Display



Display



Display



### 3.7.3.3.3 Time/Date format

You are in the "Country setting" part of the menu.

In this menu item you have the option to set the display format of the date and time.

- Use the slider to choose the "Time/Date format" menu item.
- => The display time can be set in 24 hour and 12 hour formats.

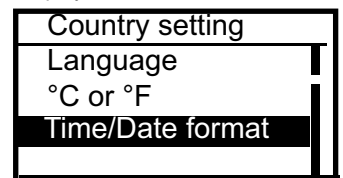
=> The date format can be set in  
Year - Month - Day (YYYY-MM-DD) or  
Day - Month - Year (DD-MM-YYYY).

• Use the slider to choose the desired display setting.  
=> The display shows the message "Save changes? Yes / No".

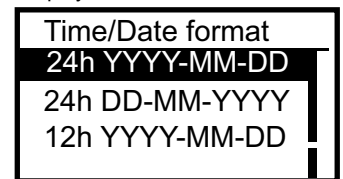
• Use the slider to choose "Yes":  
=> The setting is saved.

• Use the slider to choose "No":  
=> The process will be aborted.

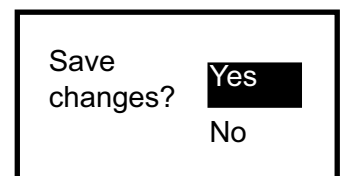
Display



Display



Display



### 3.7.3.4 Door lock

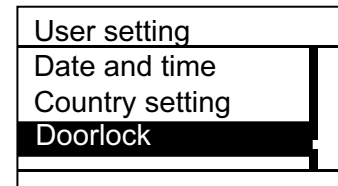
You are in the "User setting" part of the menu.

- Use the slider to choose the "Door lock" menu item.

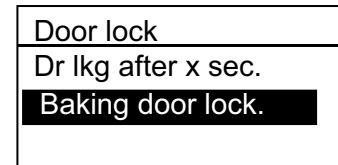
=> In this menu item the following selection of options allow you to lock the oven door against access:

- Door locking after x sec => see Chapter 3.7.3.4.1
- Baking door lock => see Chapter 3.7.3.4.2

Display



Display



#### 3.7.3.4.1 Automatic door lock

You are in the "Door lock" part of the menu.

In this menu item you have the option of entering time settings. After a pre-set time has elapsed, the oven door is locked when the oven is not used. This will protect the oven from unauthorised access. For example, for use in the food retail sector.

- Use the slider to choose the "Dr lkg after x sec." menu item.
  - Use the slider to enter the desired time duration.
- => The display shows the message "Save changes? Yes / No".

- Use the slider to choose "Yes":

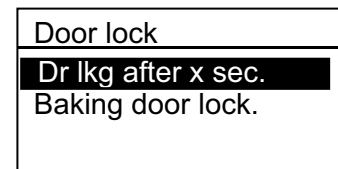
=> The setting is saved.

=> The oven door locks after the specified time and can only be re-opened after the program ends.

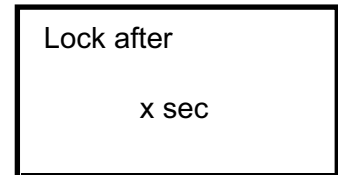
- Use the slider to choose "No":

=> The process will be aborted.

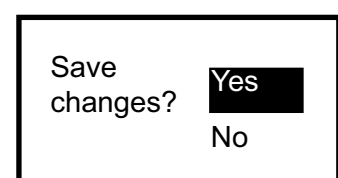
Display



Display



Display



**In this menu item a time setting from 0 - 300 seconds is possible.  
The time setting occurs in 10 second increments.**

## Operation

### 3.7.3.4.2 Baking door lock

You are in the "Door lock" part of the menu.

In this menu item you have the option of switching the locking mechanism on or off after the start of the baking process. This will protect the oven from unauthorised access.

- Use the slider to choose the "Baking door lock" menu item.
  - Use the slider to choose the desired setting "on" or "off".
- => The display shows the message "Save changes? Yes / No".

Use the slider to choose "Yes".  
=> The changes are saved.

Use the slider to choose "No".  
=> The process will be aborted.

Display

Door lock
Dr lkg after x sec.
<b>Baking door lock.</b>

Display

switch on/off
off

Display

Save changes? <b>Yes</b>
No

### 3.7.3.5 Display

You are in the "User setting" part of the menu.

- Use the slider to choose the "Display" menu item.
  - Use the slider to choose the desired setting.
- => Logo 1  
=> Logo 2
- Use the slider to choose the desired logo.
- => The display shows the message "Save changes? Yes / No".

Use the slider to choose "Yes".  
=> The setting is saved.

Use the slider to choose "No".  
=> The process will be aborted.

Display

Display
<b>Logo 1</b>
Logo 2

Example of display

Logo
<b>X WH_24B .BMP</b>
X WH_24BIN.B
WH_1B.BMP
WH_1BIN.BMP

Display

Save changes? <b>Yes</b>
No



The size of the logo may have a maximum pixel of 128 x 64 and an image depth of 1-bit. The file type must be a BMP file.

### 3.7.4 Appliance setting

You are in the "Settings" part of the menu.

- Use the slider to choose the "Appliance setting" menu item.

In menu item "Appliance setting" the following menu items can be found:

Communication => see Chapter 3.7.4.1  
 Energy saving => see Chapter 3.7.4.2  
 Operating parameters => see Chapter 3.7.4.3  
 Factory setting => see Chapter 3.7.4.4


#### 3.7.4.1 Communication

- You are in the "Appliance setting" part of the menu.

In this menu item you have the option to transfer data via USB connection from or to the control. Transfer baking programs, operating data and logos via USB connection.


- Use the slider to choose the "Communication" menu item.
- Use the slider to choose "USB".
- Use the slider to choose the desired action.

BPRG => USB = Transfer baking programs from the control to the USB device.  
 BPRG <= USB = Transfer baking programs from the USB device to the control.  
 BDE => USB = Transfer operating data from the control to the USB device.  
 LOGO => USB = Transfer logo from the control to the USB device.  
 LOGO <= USB = Transfer logo from the USB device to the control.

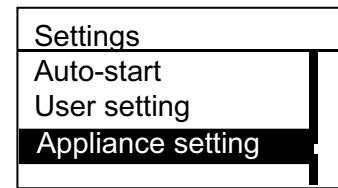
- Connect the USB device to the control.
  - Press the sensor key .
- => The display shows the message "Info! Wait (data is being copied)..."

=> If the data is transferred, the following information is displayed.

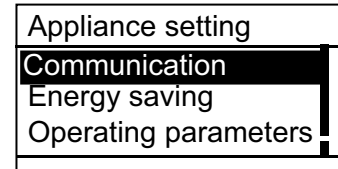
"Info! copy successful" => The transfer was successful.  
 "Error! - USB error" => The transfer resulted in an error / check connection.

- Press the sensor key .
- Remove the USB device.

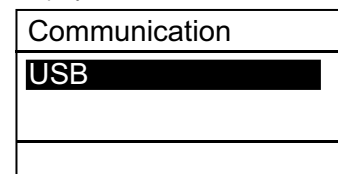
Display



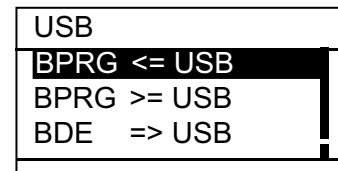
Display



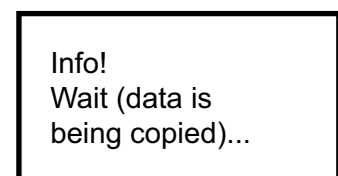
Display



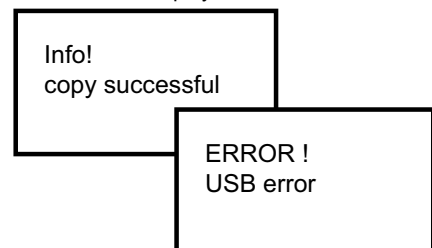
Display



Display



Display



**Baking programs from the control can only be read as \*.pro files.  
 Logos from the control can only be read as \*.bmp files.  
 After loading baking programs from a USB stick, you must fetch them from the  
 controller's memory to the user interface display.  
 For more information on this, see the „Programming“ menu item  
 „Adding a program“.**

## Operation

### 3.7.4.2 Energy saving

You are in the "Appliance settings" part of the menu.

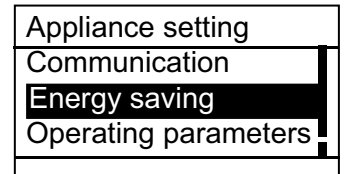
- Use the slider to choose the "Energy saving" menu item.

In menu item "Appliance setting" the following menu items can be found:

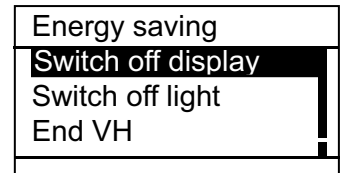
Switch off display => see Chapter 3.7.4.2.1  
 Switch off light => see Chapter 3.7.4.2.2  
 End VH => see Chapter 3.7.4.2.3  
 Enter standby => see Chapter 3.7.4.2.4

For all menu items you have the option to adjust the operation of your appliance to energy-saving mode as well as individual components for optimal use of energy.

Display



Display



#### 3.7.4.2.1 Switching off the display

You are in the "Energy saving" part of the menu.

Even the control display requires energy.

In this menu item you have the option to switch off the control display when the appliance is in standby mode.

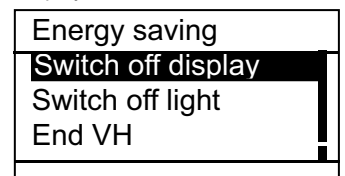
- Use the slider to choose the "Switch off display" menu item.
- Use the slider to choose the desired setting.
- Select the setting "on":  
=> The "Switch off display" function is active, meaning the display lighting is switched off in standby mode.
- Select the setting "off":  
=> The "Switch off display" function is not active, meaning the display lighting is switched on in standby mode.

=> The display shows the message "Save changes? Yes / No".

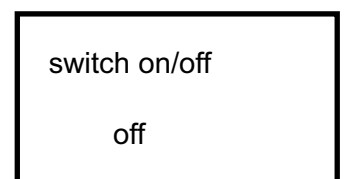
- Use the slider to choose "Yes":  
=> The setting is accepted.

- Use the slider to choose "No":  
=> The process will be aborted.

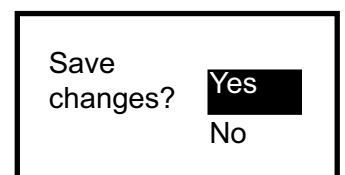
Display



Display



Display



### 3.7.4.2.2 Switching off the light

You are in the "Energy saving" part of the menu.

Does the oven lighting need to be switched on?

In this menu item you have the option to switch off the oven chamber lighting permanently.

- Use the slider to choose the "Switch off light" menu item.
- Use the slider to choose the desired setting.

• Select the setting "on":

=> The "Switch off light" function is active, meaning the lighting is switched off.

• Select the setting "off":

=> The "Switch off light" function is not active, meaning the lighting is switched on.

=> The display shows the message "Save changes? Yes / No".

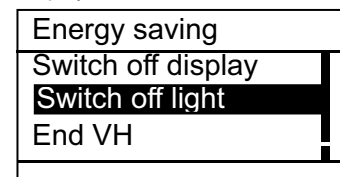
• Use the slider to choose "Yes":

=> The setting is accepted.

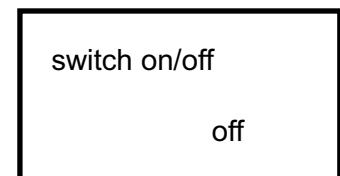
• Use the slider to choose "No":

=> The process will be aborted.

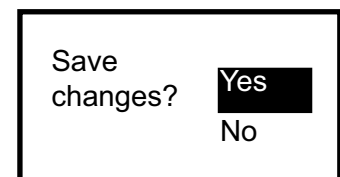
Display



Display



Display





## Operation

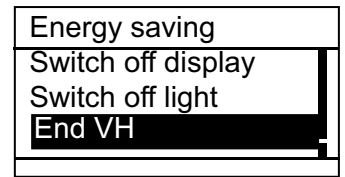
### 3.7.4.2.3 End VH

You are in the "Energy saving" part of the menu.

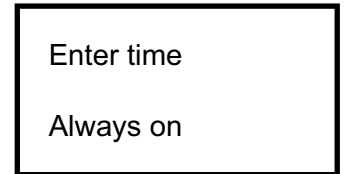
In this menu item you have the option to automatically end preheating after a time allowance, if no other entry is made. Pre-heating ends and the control switches to the "Work" menu item.

- Use the slider to choose the "End VH" menu item.
  - Use the slider to choose the desired setting.
  - Select the setting "Always on":  
=> The pre-heating temperature is kept constant.
  - Select a time setting (1 - 30 minutes):  
=> Pre-heating will end automatically when the baking program is not started after a specified time.
- => The display shows the message "Save changes? Yes / No".
- Use the slider to choose "Yes":  
=> The setting is accepted.
  - Use the slider to choose "No":  
=> The process will be aborted.

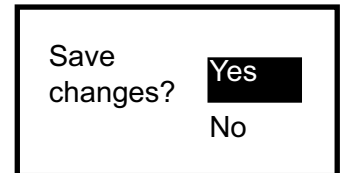
Display




Example of display



Display





**The time setting can be set as "Always on" (permanent operation) and from 1 - 30 minutes.**

### 3.7.4.2.4 Entering standby

You are in the "Energy saving" part of the menu.

In this menu item you have the option to set a time after which the appliance automatically switches to standby mode when the oven is not used.

- Use the slider to choose the "Enter standby" menu item.
- Use the slider to choose the desired setting.

• Select the setting "Always on":

=> The appliance remains continuously switched on.

• Select a time setting (1 - 30 minutes):

=> The appliance switches to standby mode after the specified time.

=> The display shows the message "Save changes? Yes / No".

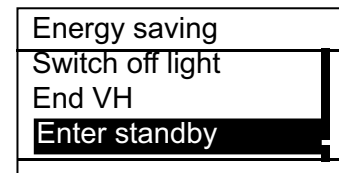
• Use the slider to choose "Yes":

=> The setting is accepted.

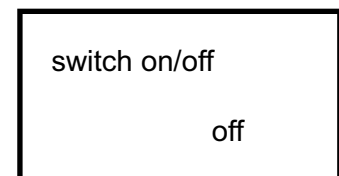
• Use the slider to choose "No":

=> The process will be aborted.

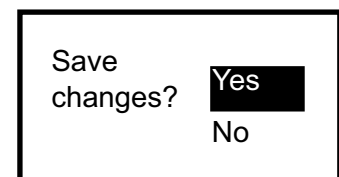
Display



Display



Display



The time setting can be set as "Always on" (permanent operation) and from 1 - 30 minutes.

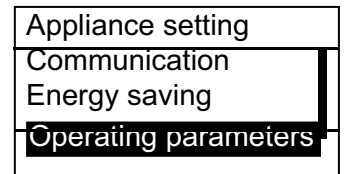
## Operation

### 3.7.4.3 Operating parameters

You are in the "Appliance setting" part of the menu.

This menu item is used as a consumption indicator for servicing purposes.

Display



### 3.7.4.4 Factory setting

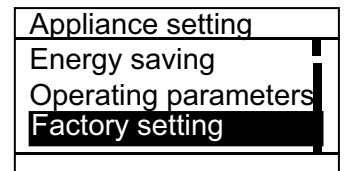
You are in the "Appliance setting" part of the menu.

- Use the slider to choose the "Factory setting" menu item.  
=> The display shows the message "Reset appliance data? Yes / No".

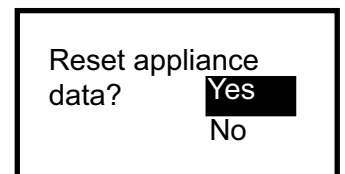
- Use the slider to choose "Yes":  
=> The display shows the message "Are you sure? Yes / No".
- Use the slider to choose "Yes".  
=> All data will be reset to factory settings.

- Use the slider to choose "No":  
=> The process will be aborted.

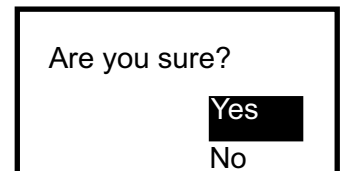
Display



Display



Display



In menu item "Factory setting" the appliance data can be reset to factory settings. Note that all individual settings made will be reset.

### 3.7.5 Date and time

You are in the "Settings" part of the menu.

In this menu item you can set the date and the time.

- Use the slider to choose the "Date and time" menu item.  
=> The set date and time will be shown in the display.
- Use the slider to choose the setting to be changed.
- Change the setting using the slider.
- Press the "C" sensor key.  
=> The display shows the message "Save changes? Yes / No".

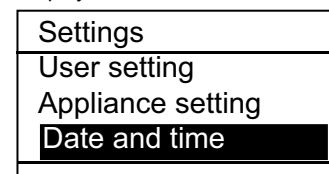
• Use the slider to choose "Yes":

=> The changes are saved.

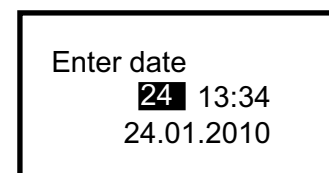
• Use the slider to choose "No":

=> The process will be aborted.

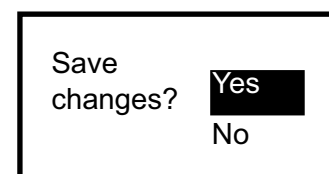
Display



Example of display



Display



## Operation

### 3.7.6 User manager

You are in the "Settings" part of the menu.

- Use the slider to choose the "User manager" menu item.

In this menu item you have the option to block / unblock access to the following functions:

Programming (Progr.)

Manual operation (Man. op. – changes during a running program)

Baking off

Exiting the work menu

Login

Settings (changing parameters)

User manager



Service (the area is already factory locked)

- Use the slider to choose the function:

"off" = Access possible  
 "PIN" = Access only with PIN entry  
 "blocked" = Access completely blocked

- Use the slider to choose the "PIN" menu item.

- Use the slider to enter the PIN number.

- Press the sensor key  after each digit.

=> The next digit can be set using the slider.

- Press the "C" sensor key.

=> The display shows the message "Save changes? Yes / No".

- Use the slider to choose "Yes":

=> The entry values are saved.

- Use the slider to choose "No":

=> The process will be aborted.

Display

Settings
Appliance setting
<b>Date and time</b>
User manager

Display

Function	Mode	PIN
Progr.	off	0000
Man. op.	PIN	1234
Baking off	blocked	0000
Exit work	off	0000

Display

Save changes?	<b>Yes</b>
	No

## 4. Copyright

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