

# User Manual

## *tebis touch panel*

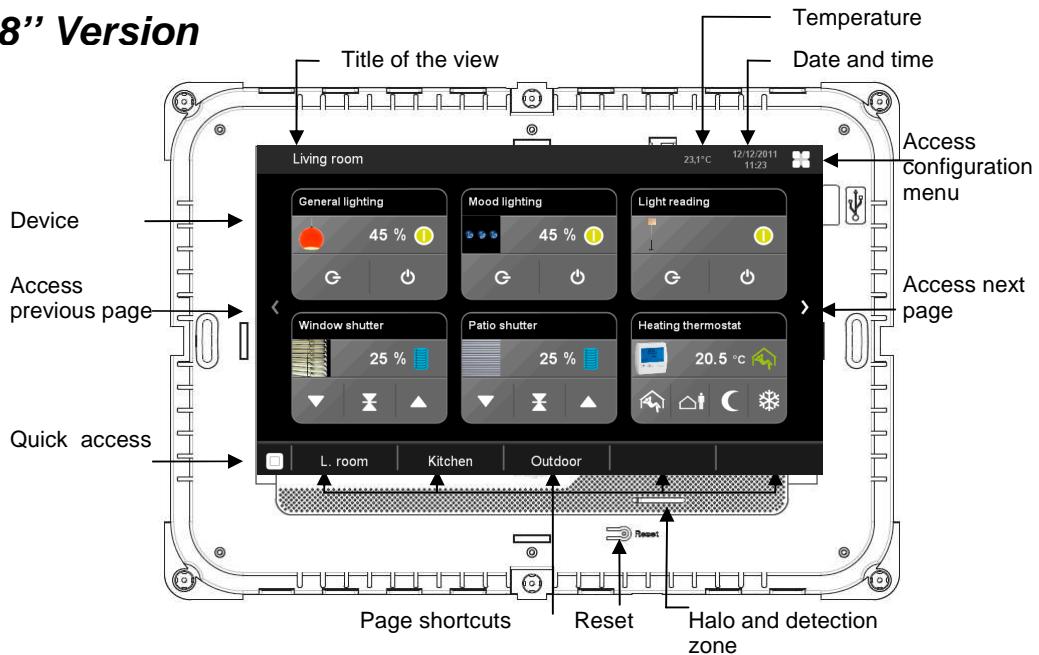
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# 1. INTRODUCTION

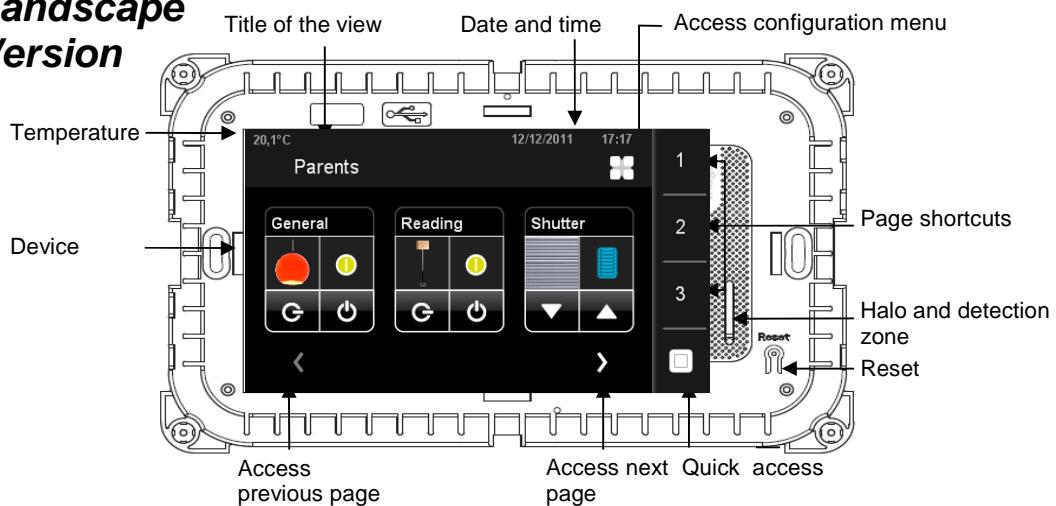
## 1.1 Presentation

**tebis touch panel** is a wall-mounted touch screen. It is used to control all of your **tebis** appliances from the same interface.

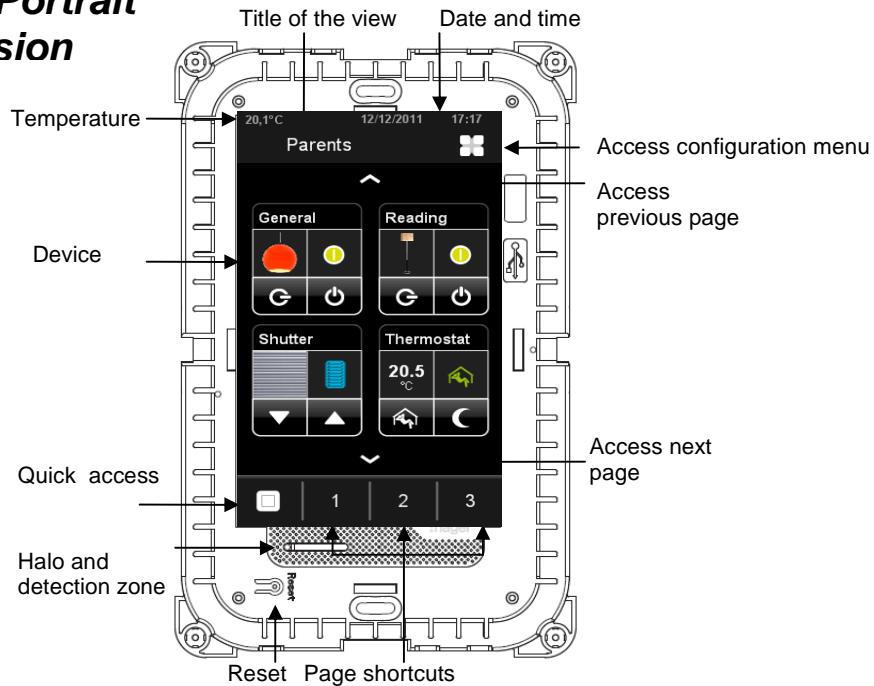
### 8" Version



### 5" Landscape Version



## 5" Portrait Version



The touch screen has a touch-sensitive surface. The device is controlled by touching the screen with your fingers and allows you to make your choice by simply pressing the desired function.

## 1.2 Safety instruction

The device must be installed only by a qualified electrician in accordance with the installation standards in force in your country. Do not install this module outside the building.

Do not use sharp or pointed objects (such as pencils, pens, etc.) to control the device. This may damage the touch surface.

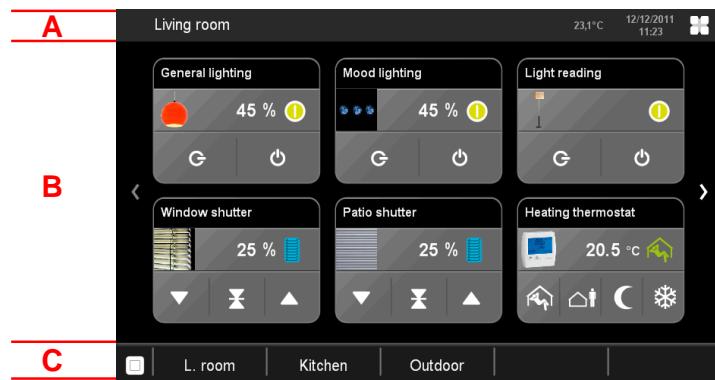
Do not use sharp objects, acid products or solvents for cleaning. This may damage the device.

Use only a clean, soft, dry cloth for cleaning the touch screen (see chapter 3.1.1).

Only removable storage devices are supported by the connector on the front of the unit.

## 1.3 Structure of the screen

The appearance and the number of devices depend on your individual system and are therefore different for each configuration. The various components of a screen page are used to navigate between the various views, represent your system, give commands and access the configuration menu.



A: Top strip: contains the main information on the system (name of the view, date and time) and the access key for the parameters menu.

B: Command zone: contains all commands and information pertaining to them and the access keys for the next and previous pages.

C: Bottom strip: contains the shortcut keys programmed and the quick access key if programmed.

## 1.4 Navigation principle

The touch screen has a touch-sensitive surface. The device is controlled by touching the screen with your fingers and allows you to make your choice by simply pressing the desired function.

In general, an application contains several views composed of various devices:

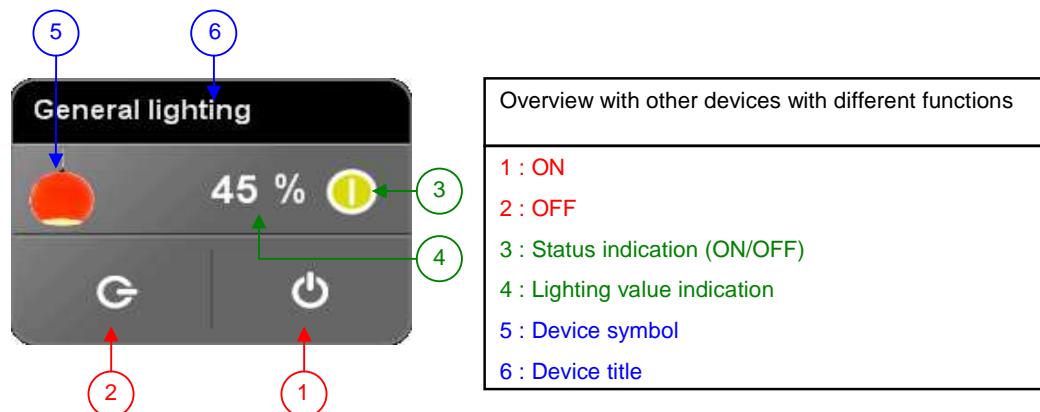


To navigate from one view to another, you have 2 options:

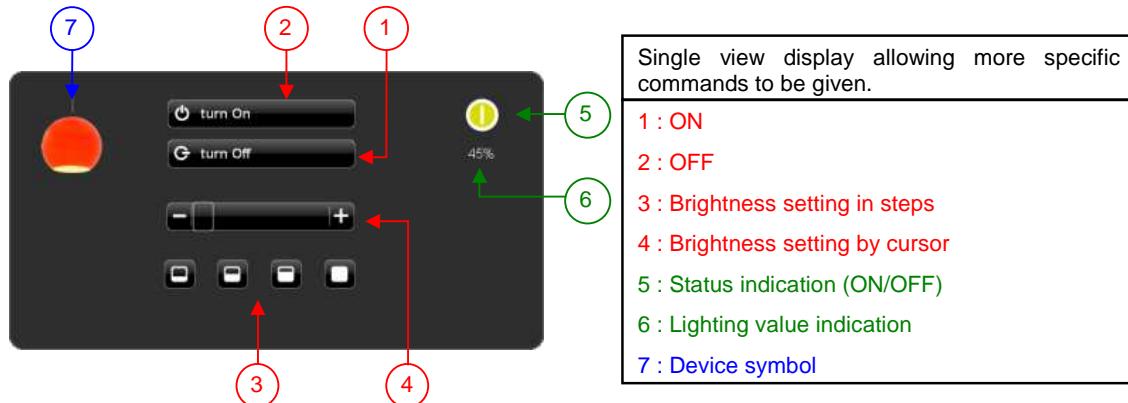
- Either with the help of the or symbols to switch to the next or previous view.
- Or with the help of the shortcut keys at the bottom of the screen to switch directly to the desired view.

You also have the option of calling up a detailed view of a device by clicking on its image.

General representation:



Detailed representation:



Comments:

- To switch from the general representation to the detailed representation of a device, simply click on the image.
- The  symbol is used to access the parameters and configuration menu.
- The  symbol is used for programmable quick access from a device (see chapter 3.4.3).
- When starting up the **tebis touch panel**, the status of certain appliances may be unknown.



The undefined status will therefore be shown as follows:

- ? (question mark): indicates an unknown status.
- --- (three dashes): indicates an unknown value.

## **1.5 Giving a command**

The devices are commanded by various symbols, each representing a particular function. The table below shows the commands available:

Object	Description	Object	Description
	Turn On		Comfort mode (heating)
	Turn Off		Standby mode (heating)
	Up		Night mode (heating)
	Down		Frost Protection mode (heating)
	Stop		Heating mode (Air conditioning)
	Up (step by step)		Cooling mode (Air conditioning)
	Down (step by step)		Run a scene
	Increase the angle (blind)		Learn a scene
	Reduce the angle (blind)		Priority start-up
			Cancellation priority

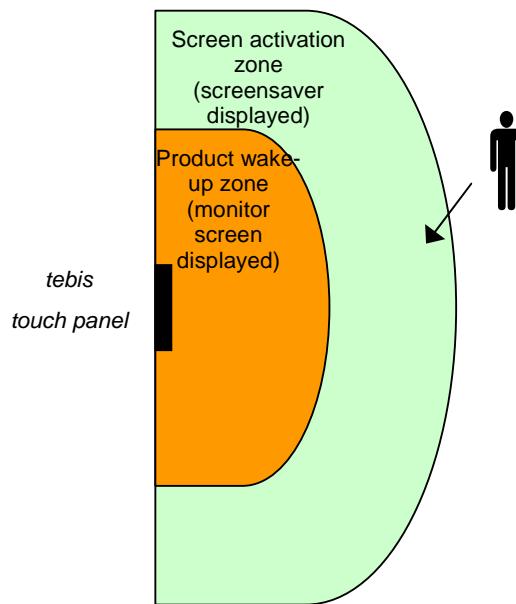
## **1.6 Operation of the presence detector**

**tebis touch panel** has an automatic system that wakes up or activates the screen depending on one's physical proximity to it.

There are two distinct detection zones:

- Screen activation zone: if this zone is entered, the system displays the screensaver.
- Product wake-up zone: if this zone is entered, the system displays the monitor screen.

Below, the diagrammatic representation of operation:



When these zones are exited, the system will automatically return to standby.

To set the parameters for the extent of the zones, refer to chapter 3.3.2.

## 2. USE

### 2.1 Applications

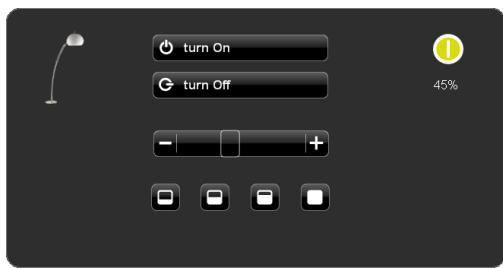
The **tebis touch panel** is used to manage your electrical installation and its parameters are set according to your application. The various functions described below may appear one or more times depending on the composition of your home. Each device has a general representation, displayed on an overview, and a detailed representation allowing more specific commands to be given.

#### 2.1.1 Lighting

Is used to turn on, turn off and set the brightness of a light. The device, depending on the type chosen, may be presented in 2 forms:



**SIMPLE:** This command is used to turn a light on and off. A halo indicates the lighting status.



**DIMMING:** This command is used to turn on, turn off and set the brightness of the light using a dimmer. Setting is done in 3 different ways:

- By pressing the **-** and **+** symbols.
- By sliding your finger over the cursor.
- By clicking on the setting in steps symbols (**25%**, **50%**, **75%**, **100%**).

A halo indicates the status of the lighting and the number indicates the brightness.



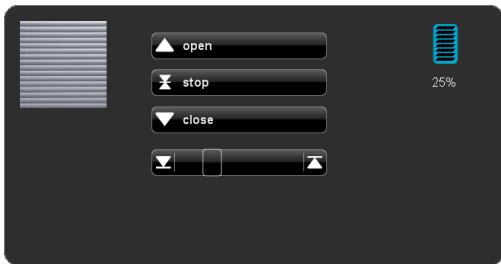
**OFF:** This command is used only to turn off one or more lighting units with a single touch.

#### 2.1.2 Shutters and blinds

Is used to control shutters and blinds. The device, depending on the type chosen, may be presented in 4 forms:



**SIMPLE SHUTTER:** This command is used to open and close the shutters. An additional command is used to stop the upward or downward movement.



**SHUTTER POSITION:** This command is used to open, close and set the position of the shutters. Setting is done in 2 different ways:

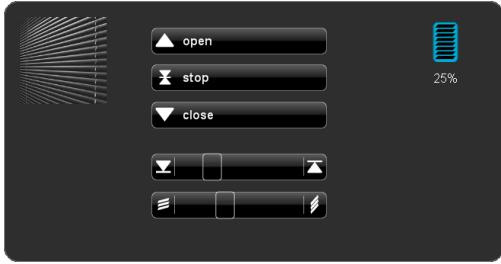
- By pressing the  and 

The symbol and the number indicate the position of the shutter.



**SIMPLE BLIND:** This command is used to open and close the blinds. An additional command is used to set the angle by pressing the  and  symbols.

The symbol indicates the position of the blind.



**BLIND POSITION:** This command is used to open, close and set the position of the blinds.

By pressing the  and  symbols, you can set the position of the blinds.

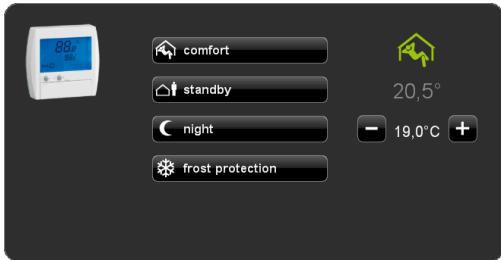
By pressing the  and  symbols, you can set the angle of the blinds.

You can also make these settings by sliding your finger over the cursor.

The symbol and the number indicate the position of the blind.

## 2.1.3 Heating

This command is used to control the temperature throughout the home and to set it according to need at any given time. It is also possible to control an air conditioning unit if installed. The device, depending on the type chosen, may be presented in 2 forms:



**HEATING:** This command is used to set the 4 heating modes (, , , ) and the set point temperature (, ).

The symbol indicates the active heating mode. The first number, at the bottom, indicates the temperature, the second indicates the set point temperature, which may also vary according to the mode chosen.



**HEATING-AIR CONDITIONING:** In addition to the commands described above, you can control your air conditioning unit with the help of the  and  symbols.

The symbol to the side indicates the operating status of the air conditioning unit.

## 2.1.4 Indicators

These devices are used to display information, generally from a measurement or detection system. There are 2 categories of indicator:

- Weather indicators: the display can be done individually or grouped into a single device. Below, the various devices:

 20,5°C	 3m/s	 51200lux
Thermometer in °C or °F	Anemometer in m/s, kph or m/ph	Luminosity indicator in lux
 60%	 no rain	 20,5°C 3m/s no rain
Humidity indicator as a %	Rain detector	Weather station comprising a thermometer, an anemometer, a luminosity indicator and a rain detector

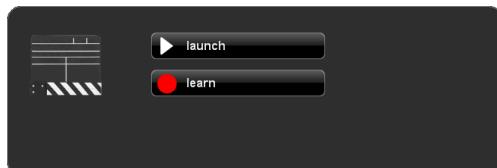
- Binary indicators: these are used to display information like a presence or smoke detector. Below, the various devices:

 disabled	 disabled
Binary indicator: several applications are possible, such as a smoke detector or a twilight indicator	Alarm indicator: this device is intended specifically for an alarm or presence detector

## 2.1.5 Scenes

The scene allows you, for example, to create a mood of your choice, i.e. to set various light sources automatically to different brightness values in one or more rooms.

In addition, it is possible to lower a roller shutter or a blind. You can thus easily create individual lighting situations for every occasion, for mealtimes, for example, or for reading or when you leave or return home.



By clicking on the  symbol, you can run the scene previously programmed.

You also have the option of programming a scene by clicking on the .

The various appliances in your system have been assigned to a scene by your installer.

To learn a scene, proceed as follows:

- Set the appliances to the status desired (e.g.: light 50%, shutter down, blind up).

- Click on the 'Learn' key in the scene device and wait a few seconds until learning is completed. If the learning procedure has worked correctly, the devices concerned confirm learning (On/Off for a lighting unit, up/down for a blind, etc.).
- Check that the scene is running by clicking on 'Read'.

## 2.1.6 Priority command

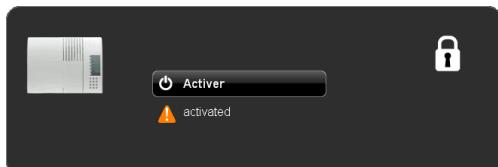
Priority allows you to order your appliances to override all other commands and to maintain the status of these appliances until cancellation of this mode. The various appliances in your system have been assigned to this command by your installer.



By clicking on the symbol, you will activate the priority. From this moment on, the system trips your appliances in the status defined by your installer and remains unchanged. No other commands will be acted upon as long as you have not unlocked the system by clicking on the symbol. In addition, the symbol will appear at the top of the screen indicating that the system is locked.

## 2.1.7 Miscellaneous commands

In addition to the conventional lighting and shutter commands, **tebis touch panel** has various commands for other applications like opening a gate or triggering the alarm. The parameters for these devices have been set by your installer and may take various forms depending on the application. The system has 4 different types:



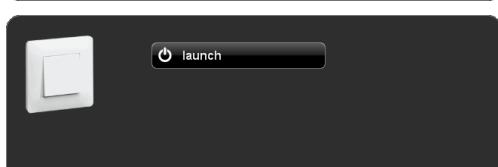
**ALARM:** Used to activate your alarm system with indication of the operating status.

and : the system is activated.

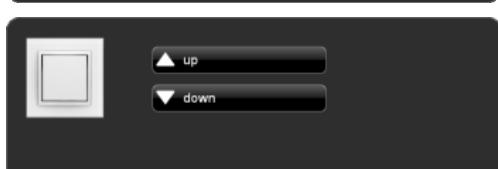
only: the system is deactivated.



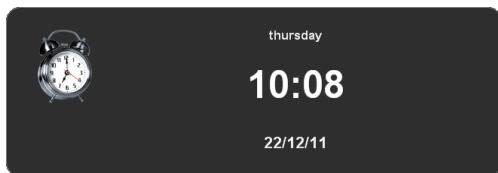
**START/STOP:** Used to start/stop any appliance other than a lighting unit or a shutter. For example, you can control a ventilation unit or a sprinkler system.



**PULSE:** Used to trigger an automatic system that requires a pulse command like opening a gate or a garage. The pulse time has been set by your installer according to the needs of the appliance to be controlled.



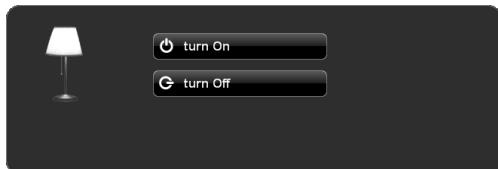
**DEAD-MAN CONTACT:** Used to control a system that requires physical contact for safety reasons like a swimming pool cover, for example.



**tebis touch panel** also has a device used to display the date and time.

## 2.1.8 Group command

Is used to group a series of appliances for which the parameters have already been set into a single command. Unlike a conventional function, it does not have the status indication already described. The system has 3 different types:



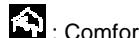
**LIGHTING:** This command is used to turn a group of lights on and off.



**SHUTTER:** This command is used to open and close a group of shutters. An additional command is used to stop the upward or downward movement.



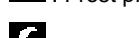
**HEATING:** This command is used to set the 4 heating modes:



: Comfort



: Standby



: Frost protection



: Night

## 2.2 Quick access (QAC)

This function is used to give a single command from all views in one click. There are 2 ways to activate this command:



By clicking on the  symbol or touching the screen once when it is in screensaver mode.

This command can be used, for example, to control the lighting in the room where the **tebis touch panel** is installed. When you enter the room, simply touch the screen to turn on the light.

See chapter 3.2.7 regarding activation or deactivation of this command.

See chapter 3.4.3 for the selection of devices associated with this command.

Screen wake-up activation zone:

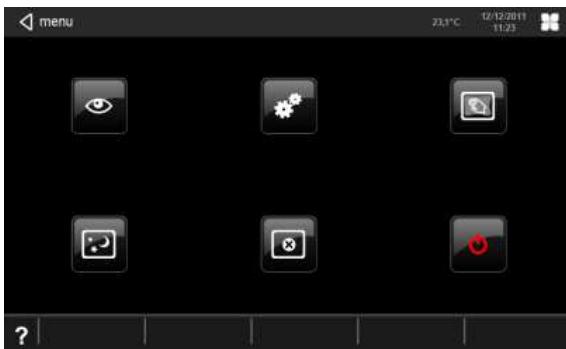
In screensaver mode, you have 2 wake-up options depending on which zone you touch on the screen:

- To display the menu, click on the zone shown in black.
- To activate the QAC command, if programmed, click on the white zone.

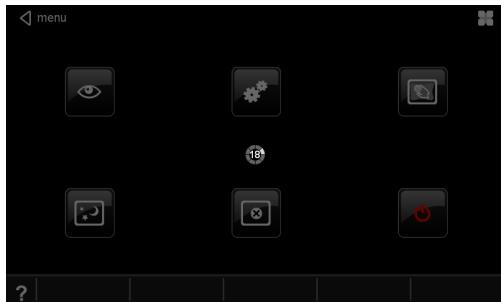
## 3. CUSTOMISATION

### 3.1 General Menu

You can customise operation of your **tebis touch panel** by accessing the parameter settings menu. If you click on the  symbol, the following view is displayed:



#### 3.1.1 Cleaning function



Press the  symbol. A countdown is displayed in the middle of the screen indicating the number of seconds the screen is deactivated.

Clean only with a soft cloth. After this timed period, the screen goes back to the menu.

#### 3.1.2 Screensaver function

In this mode, the processor continues to run but the screen switches to minimised display.



Press the  symbol to start the function.

After 30 seconds, the system switches to screensaver, displaying the image selected from the configuration menu.

Whenever the screen is pressed, the system again displays your view.

### 3.1.3 Standby function

In this mode, the processor and the screen switch to minimised operation.



Press the symbol to start the function.

After 30 seconds, the system switches to standby mode and turns off the screen.

Whenever the screen is pressed, the system wakes up and again displays your view.

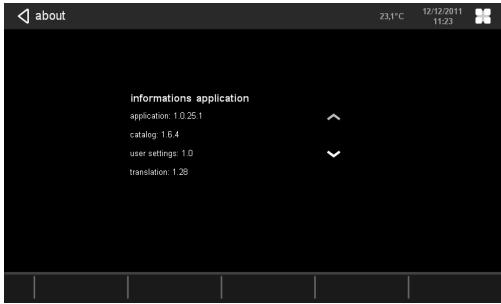
### 3.1.4 Turning off the **tebis touch panel**

This function is used to turn off the system.



Press the symbol to turn off the system. To restart the system, press the reset button on the front.

### 3.1.5 Version



Used to view the version of the **tebis touch panel**.



Press the symbol to display the information screen.



Using the symbols, you can access 3 types of information:

- Application information (software version)
- Platform version (hardware version)
- KNX interface version

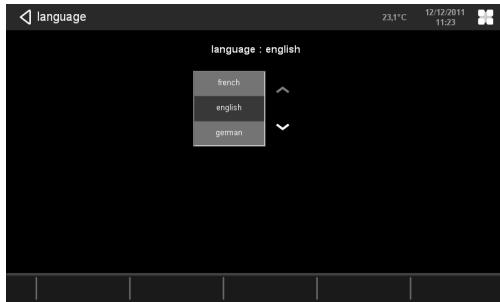
Comment: To exit the menu, press .

## **3.2 Parameter Menu**



If you click on the symbol, you can configure operation of the **tebis touch panel**:

### **3.2.1 Language**



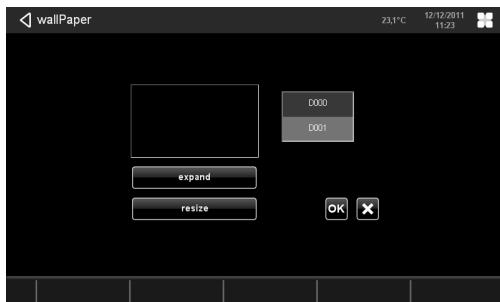
Used to select the language in the menus:

- Use the symbols to view the languages available.
- Select the language by clicking on the desired language.
- After the selection, the system returns automatically to the parameters menu.

Comment: To exit the parameters menu without making a selection, press .

### **3.2.2 Wallpaper**

The 'Wallpaper' menu is used to select the image to be displayed as wallpaper.



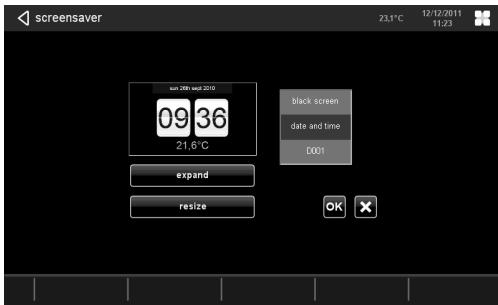
- Insert your USB key containing the image you wish to display in the front.

- In the 'Parameters Menu', select: **Wallpaper**
- Use the symbols to view the images available.
- Select the image by clicking on the desired image
- If necessary, click on 'Expand' or 'Resize' to adjust the image.
- Click on the symbol to confirm or on to go back to the previous image.
- Remove your USB key.

Comment: use images with a resolution of 800x480 pixels for an 8-inch screen and 480x272 pixels for a 5-inch screen to optimise the display.

### 3.2.3 Screensaver

The 'Screensaver' menu is used to select the image to be displayed in screensaver mode.



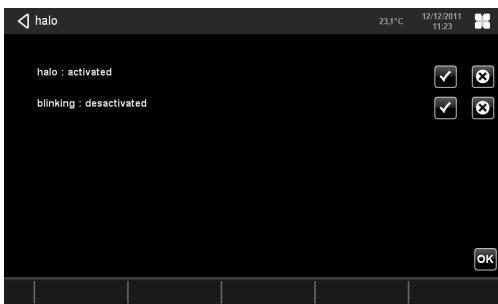
- Insert your USB key containing the image you wish to display in the front.
- In the 'Parameters Menu', select: **Screensaver**
- Use the symbols to view the images available.
- Select the image by clicking on the desired image.
- If necessary, click on 'Expand' or 'Resize' to adjust the image.

- Click on the symbol to confirm or on to go back to the previous image.
- Remove your USB key.

Comment: use images with a resolution of 800x480 pixels for an 8-inch screen and 480x272 pixels for a 5-inch screen to optimise the display.

### 3.2.4 Halo

The 'Halo' menu is used to select operation of the halo on the front.

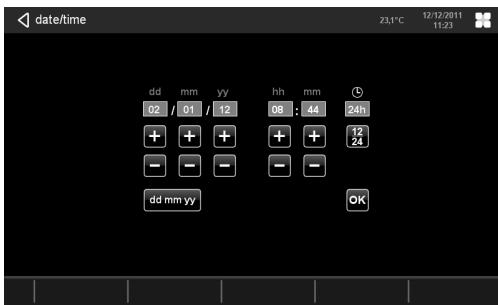


- In the 'Parameters Menu', select: **Halo**.
- Click on the symbol to activate or to deactivate use of the halo.
- Click on the symbol to activate or to deactivate flashing of the halo.
- Click on the symbol to confirm.

Comment: When the 'Halo' function is deactivated, the 'Flashing' line is deleted.

### 3.2.5 Date/time

The 'Date/time' menu is used to set the date and the time shown on the touch screen.



- In the 'Parameters Menu', select: **Date/time**.
- Select the date format by clicking on DD/MM/YY or MM/DD/YY
- Select the time format by clicking on
- Set the date and time with the help of the and symbols.
- Click on to confirm your setting.

### 3.2.6 Shortcuts (tabs)

Used to modify the title text and the text on the top strip for each view.



- In the 'Parameters Menu', select: **Shortcuts (tabs)**.
- Click on the shortcut (tab) to be modified (1, 2, 3, etc.) in the strip.
- Choose the text to be modified:
- **Text:** For the title of the view.
- **Shortcut text:** For the title on the strip.
- Input your text and **Validate**.
- Click on the **OK** symbol to confirm the modification.
- To go back to the menu, press **◀**.

### 3.2.7 Activation Quick Access (QAC)

This function is used to give a single command from all views in one click. There are 2 ways to activate this command:



By clicking on the **□** symbol or touching the screen once when it is in screensaver mode.

The next menu is used to activate or deactivate this command. The choice of device associated with this command is made via the parameter settings for the device itself (see chapter 3.4.3).



- In the 'Parameters Menu', select: **Quick access**
- Click on the **✓** symbol to activate or **✗** to deactivate.
- Click on the **OK** symbol to confirm.

The system will automatically select the last device on which quick access parameters have been set. Otherwise, it will display 'no device selected'.

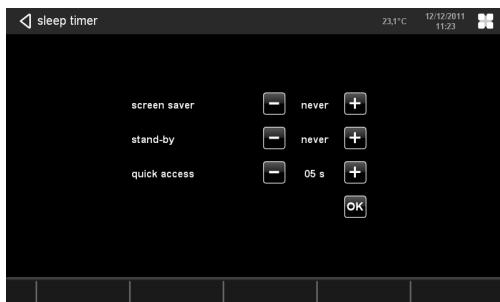
### 3.3 Configuration Menu



If you click on the  symbol, you can configure the settings for the **tebis touch panel**.

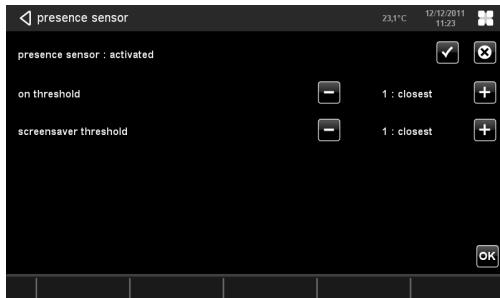
#### 3.3.1 Sleep timer

Used to set the various sleep timings available: Screensaver and standby mode.



- In the 'Configuration Menu', select: **Sleep timer**.
- Set the times with the  and  to confirm your setting.

#### 3.3.2 Presence sensor



- In the 'Configuration Menu', select: **Presence sensor**.
- Activate the function with  or deactivate the function with 
- If the function is activated, you can set the detection thresholds for two zones. Six levels of detection are possible:  
1: Closest, 2: Very close, 3: Close, 4: Far, 5: Very far, 6: Farthest.

- Set the screen activation threshold (displays the screensaver) and the product wake-up threshold (displays the monitor screen).

- Click on  to confirm your setting.

Comment: The screen activation threshold must be higher than or equal to the product wake-up threshold. This rule is automatically managed in the **tebis touch panel** (see chapter 1.6).

### 3.3.3 Back-light

Used to set the brightness of the screen, either fixed or depending on ambient brightness.



- In the 'Configuration Menu', select: **Back-light**.
- Activate the function with  or deactivate the function with .

- If automatic mode is activated, the system manages the brightness of the screen lighting itself according to the ambient brightness thanks to the integrated detector.

- If automatic mode is deactivated, you can set the brightness threshold from 5 to 100% (5% being the lowest threshold possible).

- Click on **OK** to confirm your setting.

### 3.3.4 Password

Used to create and modify password protection.

You can also choose which functions you want to protect with a password.

Three choices are possible:

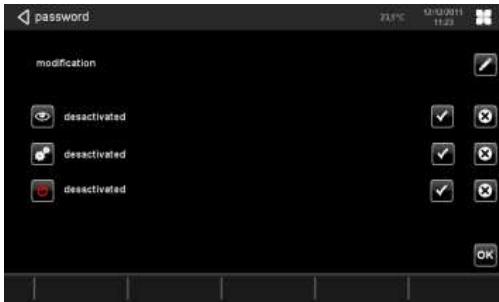
The parameters menu	The configuration menu	Turn off the device

Until you create a password, the "Password" menu will only show a single button labelled "Creation". Once the password has been created, the menu will allow you to modify the password or secure the menus.



- Click on to create the password.
- Input your password with the help of the on-screen keyboard or your computer keyboard if you are using the plug-in. The password must include at least 2 and up to 8 alphanumerical characters limited to those available on the virtual screen (no characters with accents or symbols).
- Validate to confirm and click on **OK** to exit the menu.

Once the password has been created, the menu will be displayed as shown below:



- Click on to modify the password and input your code as described above.
- Select the function that you want to protect by clicking on to activate or to deactivate.

Comment: In the plug-in you will not have to input the password to access the functionalities. The password menu operates in the same way as the tébis touch panel as regards creating and modifying the password.

There is no limit on the number of attempts to input the password.

When downloading the application by USB key, if the configuration menu is protected, the system will ask for the password to confirm.

### 3.3.5 Delete my images

Allows you to delete images not used in your configuration.

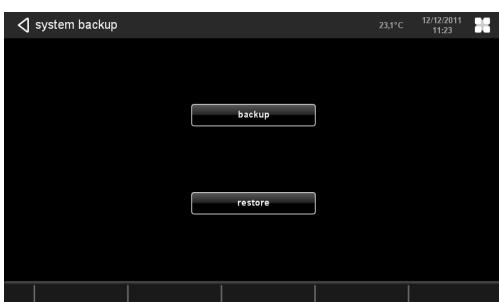


- In the 'Configuration Menu', select: **Delete my images**.
- Confirm the deletion of the images.

Comment: At this level we only delete the images not used in your configuration. The wallpaper and the screensaver remain in place.

### 3.3.6 System back-up

Used to back up and restore the parameter settings specific to your home (the wallpaper, screensaver and slide show images are not affected).



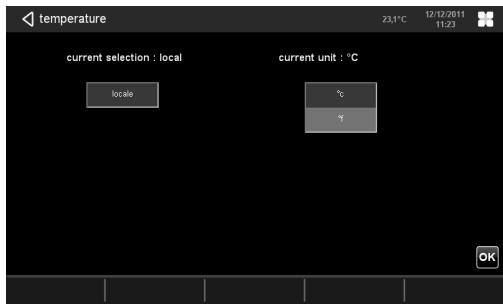
- Insert the USB key into the front.
- Click on **Back-up** to copy the configuration to the key or **Restore** to read the configuration from the key. The file used will be named 'Keytouch.hg'.

**Automatic loading:** The system can be automatically restored from a USB key containing the 'Keytouch.hg' file.

- Remove the frame and insert the USB key into the front of the *tebis touch panel*. The device will automatically detect the presence of the file.
- Confirm loading of the configuration.
- When loading is finished, the system updates itself.

Remove the USB key and put the frame back in place.

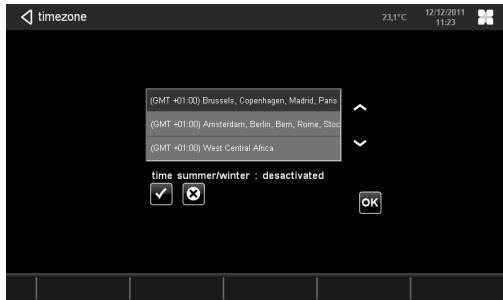
### 3.3.7 Temperature



- In the 'Configuration Menu', select: **Temperature**.
- Select the measurement type: **Local** (internal thermostat) or **Temperature** if the parameters for a temperature device have been set in the application.
- Select the measurement unit: Degrees Celsius (°C) or degrees Fahrenheit (°F).
- Click on **OK** to confirm your setting.

### 3.3.8 Time zone

Used to set the time zone and activate summer/winter mode.



- In the 'Configuration Menu', select: **Time zone**.
- Select your time zone (GMT) with the help of the **▼** and **▲** symbols.
- Validate the summer/winter time mode with **✓** to activate or **✗** to deactivate.

This mode enables the automatic changeover from winter time to summer time and vice versa.

- Click on **OK** to confirm your setting.

### 3.3.9 Touch screen calibration

In general, it is not necessary to set the touch screen. You can, however, recalibrate the touch screen when you get the impression of often "being wide of the mark" when you touch the screen. To recalibrate the touch screen, proceed as follows:

Carefully press and briefly hold stylus on the center of the target.  
Repeat as the target move around the screen.



- In the 'Configuration Menu', select: **Touch screen calibration**.

A program is started, which invites you to calibrate the screen by clicking on the cross.

Message: Carefully press and briefly hold stylus on the centre of the target.

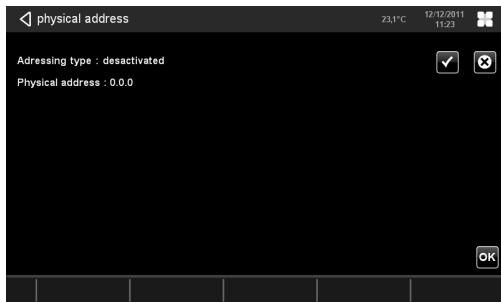
Repeat as the target moves around the screen.

After calibration, touch the screen to save the new configuration.

Otherwise, wait 30 seconds to keep the previous settings.

### 3.3.10 Physical address

Used to set the time zone and activate summer/winter mode.



- In the 'Configuration Menu', select: **Physical address**.
- Click on  to activate the physical address.
- From the ETS program, in the topology for your project, select your **tebis touch panel**.
- By right-clicking on the mouse, select **Download** followed by **Program Individ. Address**.  
Programming is complete when the **tebis touch panel** displays the new physical address.
- Click on **OK** to exit the menu.

Comment: After programming the new physical address, the addressing mode is automatically deactivated.

### 3.3.11 Return to factory settings

Is used to reset the configuration of the **tebis touch panel** to restore the default parameters.

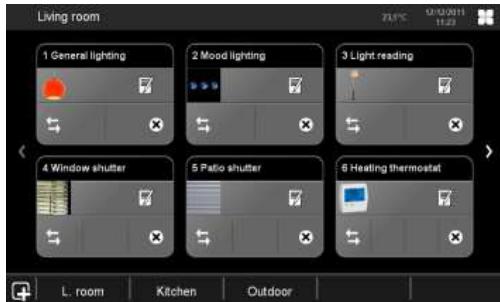
- In the 'Configuration Menu', select: **Return to factory settings**
- Click on 'YES' to confirm your choice or 'NO' to go back to the menu.

The system will reload the ex works configuration and reboot.

Comment: Your application and the password to access the parameters and configuration menus will be deleted.

## 3.4 Programming Mode

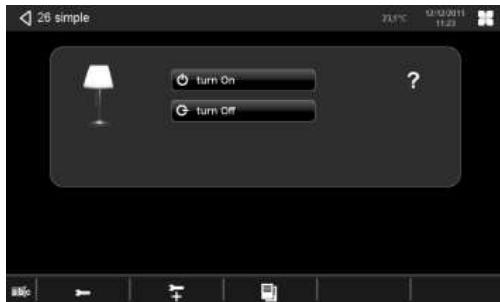
In this mode, you are working directly with the device and can thus define the associated image and text.



If you click on the  symbol, you go to the 'configuration menu', then 'Programming Mode'. Then confirm your choice.

From the general parameter settings view, select the device that you want to modify.

### 3.4.1 Parameters: Modification of the image



Select the item to be modified by pressing the device (e.g. 'LIGHTING SIMPLE').

- Click on the  symbol and then on .

- The following view appears:



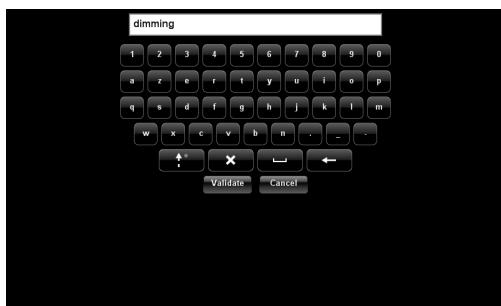
- Select the desired image from the list using the  and  symbols

(see table in Annex).

- If necessary, click on 'Expand' or 'Resize' to adjust the image.

- Click on the  symbol to confirm or on  to go back to the previous image.

### 3.4.2 Modifying the title of the device



- Click on the  symbol to input the text.
- Input the text with the help of the on-screen keyboard (press SHIFT for capital letters – See chapter 4.1 for special characters).
- Click on 'VALIDATE' to confirm the input.

### 3.4.3 Advanced parameters: Screen Wake-up – Quick Access (QAC)

#### - Screen Wake-up

This function is used to exit standby mode when an event occurs in the installation (lighting turned on, shutter opened, etc.).

To set the parameters for this command, select the item to be modified by pressing the device. The following view appears:



- Click on the  symbol.
- Confirm screen wake-up or otherwise with  to activate or  to deactivate.
- To go back to the menu, press .

When you turn on this lighting with the switch, the **tebis touch panel** will display the device concerned automatically.

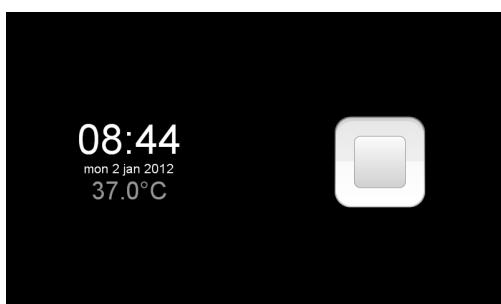
#### - Quick Access (QAC)

This function is used to give a single command from all views in one click. There are 2 ways to activate this command:



By clicking on the  symbol or touching the screen once when it is in screensaver mode.

This command can be used, for example, to control the lighting in the room where the **tebis touch panel** is installed. When you enter the room, simply touch the screen to turn on the light.



If the screensaver selected is the date and time display and quick access is activated, the following screen will be displayed.

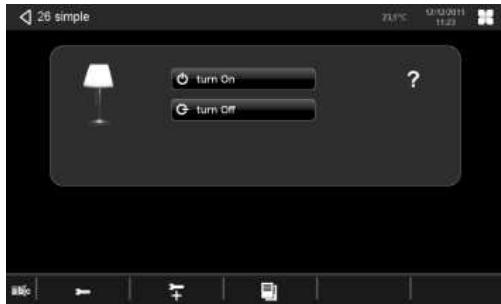
Screen wake-up activation zone:



In screensaver mode, you have 2 wake-up options depending on which zone you touch on the screen:

- To display the menu, click on the zone shown in black.
- To activate quick access, if programmed, click on the white zone.

To set the parameters for this command, select the item to be modified by pressing the device. The following view appears:



- Click on the  symbol.
- Choose quick command with  and select 'toggle switch' to activate.
- To go back to the menu, press .

The statuses available for quick access are:

- 'Toggle switch' for a lighting unit.
- 'Open' or 'close' for a shutter or blind.
- 'Read' for a scene.

For quick access with a shutter or blind, operation is not the same as for a lighting unit (ON/OFF) or a scene (Read). Indeed, when you press the first time, the command 'OPEN' or 'CLOSE' will be performed according to the parameter settings. When you press a second time, you will dispatch the command 'STOP' and not the opposite command to the current operation.

Comment: Quick access can be simply activated or deactivated in the parameter settings menu (see chapter 3.2.7). Only one quick access at a time per system can be configured.

## 4. ANNEX

### 4.1 Special characters

Below, the table of special characters available when inputting text:

 Input is possible from the keyboard by using the ALT key + ASCII code input on the numeric keypad on the PC (e.g.: ALT + 33 corresponds to the character '!')

32		64	@	96	`	128	€	160		192	À	224	à
33	!	65	A	97	a	129		161	í	193	Á	225	á
34	"	66	B	98	b	130	,	162	¢	194	Â	226	â
35	#	67	C	99	c			163	£	195	Ã	227	ã
36	\$	68	D	100	d			164	¤	196	Ä	228	å
37	%	69	E	101	e			165	¥	197	À	229	á
38	&	70	F	102	f			166	í	198	Æ	230	æ
39	'	71	G	103	g			167	§	199	Ç	231	ç
40	(	72	H	104	h			168	"	200	È	232	è
41	)	73	I	105	i			169	©	201	É	233	é
42	*	74	J	106	j	138	Š	170	¤	202	Ê	234	ê
43	+	75	K	107	k			171	«	203	Ë	235	ë
44	,	76	L	108	l	140	Œ	172	¬	204	Í	236	í
45	-	77	M	109	m	141				205	Í	237	í
46	.	78	N	110	n	142	Ž	174	®	206	Î	238	î
47	/	79	O	111	o	143		175	‐	207	Ï	239	ï
48	0	80	P	112	p	144		176	°	208	Ð	240	ð
49	1	81	Q	113	q	145	‘	177	±	209	Ñ	241	ñ
50	2	82	R	114	r	146	’	178	²	210	Ò	242	ò
51	3	83	S	115	s	147	“	179	³	211	Ó	243	ó
52	4	84	T	116	t	148	”	180	’	212	Ô	244	ô
53	5	85	U	117	u			181	µ	213	Õ	245	õ
54	6	86	V	118	v			182	¶	214	Ö	246	ö
55	7	87	W	119	w			183	·	215	×	247	÷
56	8	88	X	120	x			184	,	216	Ø	248	ø
57	9	89	Y	121	y			185	¹	217	Ù	249	ù
58	:	90	Z	122	z	154	š	186	º	218	Ú	250	ú
59	;	91	[	123	{	155	>	187	»	219	Û	251	û
60	<	92	\	124		156	œ	188	¼	220	Ü	252	ü
61	=	93	]	125	}	157		189	½	221	Ý	253	ý
62	>	94	^	126	~	158	ž	190	¾	222	Þ	254	þ
63	?	95	=	127		159	ÿ	191	¿	223	ß	255	ÿ

## 4.2 Images available

Below, the table of images available when creating or modifying a device.

D000	D001	D002	D003	D004	D005	D006	D007	D008	D009
D010	D011	D012	D013	D014	D015	D016	D017	D018	D019
D020	D021	D022	D023	D024	D025	D026	D027	D028	D029
D030	D031	D032	D033	D034	D035	D036	D037	D038	D039
D040	D041	D042	D043	D044	D045	D046	D047	D048	D049
D050	D051	D052	D053	D054	D055	D056	D057	D058	D059
D060	D061	D062	D063	D064	D065	D066	D067	D068	D069
D070	D071	D072	D073	D074	D075	D076	D077	D078	D079
D080	D081	D082	D083	D084	D085	D086	D087	D088	D089
D090	D091	D092	D093	D094	D095	D096	D097	D098	D099

									
D100	D101	D102	D103	D104	D105	D106	D107	D108	D109
									