TELETASK
domotics systems

LATUS LCD User Manual

# Version: May 2006

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2. Introduction

Congratulations with the purchase of your LATUS LCD touch window. This user interface of your TELETASK domotics system enables you to control the integrated heating and/or cooling system in a high user friendly way. Furthermore it is still possible to control several domotics functions without loosing any user friendliness.

Thanks to the sliding adaptable label the buttons are fast and easy personalized with a suitable button text and icon. No button keeps a secret any longer.

TELETASK wishes you the optimal and qualitative user ease during the use of the LATUS LCD. We also would like to thank you to take the TELETASK domotics products into your confidence.

3. The Control Zones

The standard lay-out of the sliding label of the LATUS LCD distinguishes three control zones.
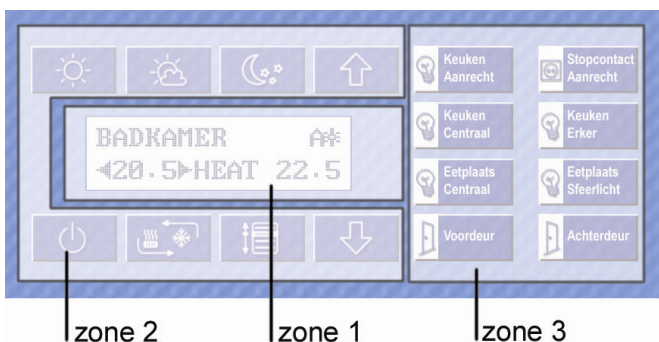

Zone 1	Display	This zone visualizes several information as time, temperature, messages and alarms etc.
Zone 2	Thermostat	Using the buttons in this zone you are able to control the integrated heating and/or cooling system in a user friendly way.
Zone 3	Domotics	This Zone contains eight buttons to be used for the control of several domotics functions.

3.1. Zone 1: Display

On the bright white LCD display of your LATUS LCD some information about the status of your house (domotics system) is displayed. The displayed information can be devided in three kind of information groups: time and date, sensor characteristics and messages and alarms.
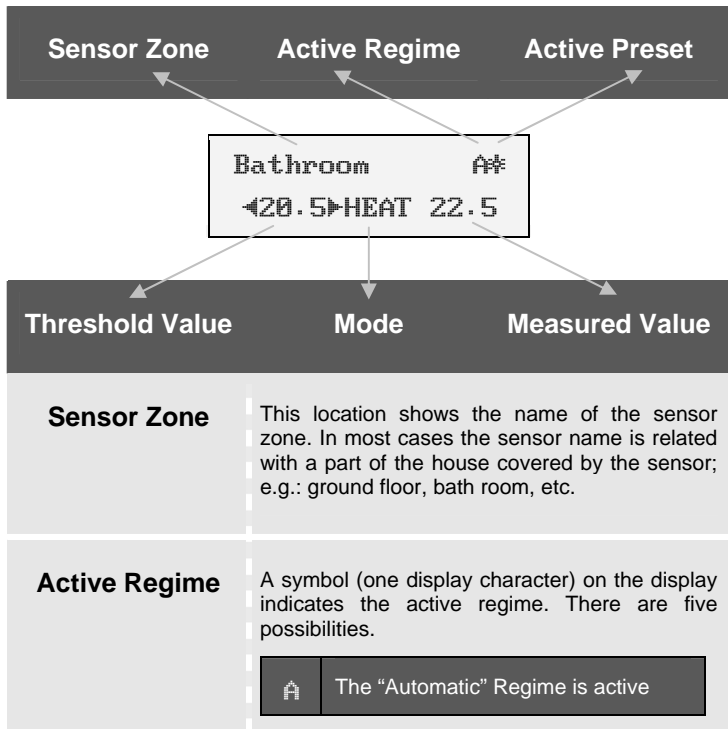
3.1.1. Time and Date

When the project is downloaded in the central unit of your TELETASK domotics system, the standard information displayed on the LCD display is the time and date.

```
        16:04
      11/11/06
```
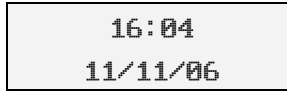
When time and date are displayed incorrect, you have to correct the time and date settings on the TELETASK central unit.

3.1.2. Sensor Characteristics

The display visualizes the characteristics of all the integrated sensors in the system. With this information, the LATUS LCD is the ideal visualization screen for the status of the heating/cooling, lighting control… On the screen the next information is displayed.

Sensor Zone	Active Regime	Active Preset

```
Bathroom          A*
◄20.5►HEAT 22.5
```

Threshold Value	Mode	Measured Value

Sensor Zone	This location shows the name of the sensor zone. In most cases the sensor name is related with a part of the house covered by the sensor; e.g.: ground floor, bath room, etc.
Active Regime	A symbol (one display character) on the display indicates the active regime. There are five possibilities.

A	The "Automatic" Regime is active

Ш	The "Workday Fix" regime is active
Ц	The "Weekend Fix" regime is active
Ѕ	The "Simulation" Regime is active
—	No regime is active

Active Preset

A symbol (one display character) indicates the active sensor preset. A preset is a threshold value saved in the domotics' memory, which can be easily activated. There are three different preset values available.

☀	Day
░	Standby (only temperature sensors)
☾	Night

Threshold Value

In this zone the threshold sensor value is displayed. When the measured value is above or below this threshold value, some action will be taken by the domotics system. The examples below explain the meaning in practical situations.

1. When the measured sensor value is lower than the threshold value, the integrated heating system will be switched on by the domotics system. In this case the threshold value indicates the wanted room temperature.

2. When the measured light level is higher than the threshold value, the sunshades can be unrolled.

Measured Value

In this part of the display the active measured value of the sensor is displayed: The temperature of the room, the light level in the

garden…

| **Mode** | The "Mode" is only available in case of a temperature sensor. |

This display zone informs you about the active mode of the integrated heating/cooling system. There are up to 7 modes available depending on the heating/cooling system.

AUTO	The "Automatic" mode is active. The domotic system decides itself whether is has to heat or to cool.
COOL	The "Cool" mode is active. The system will only cool when it is needed. Remark: The system will not cool when the "Night" preset is selected.
HEAT	The "Heat" mode is active. The system will only heat when it is needed.
OFF	The "Off" mode is active. The system will neither heat nor cool for the corresponding sensor zone.

The modes below are only available when an AIRZONE heating and/or cooling system is integrated.

HEAT+	The mode "Heat+" of the Airzone interface is active. There will be only heated when needed.
VENT	The mode "Vent" of the Airzone system is active. The system will only ventilate (= no heating or

	cooling)
STOP	The mode "Stop" of the Airzone system is active. In this mode the complete Airzone system is switched off.
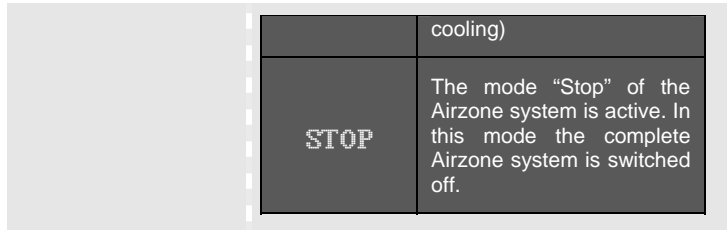
☝ Only the modes relevant to the integrated heating and/or cooling system will be displayed. E.g.: The mode "Cool" will not be shown when no cooling system is integrated in the TELETASK domotic system.

3.1.3. Messages and Alarms

Messages and alarms will appear on the display to inform you about several events happened or will happen in the near future. Examples are: "Irrigate Plants", "Garbage Collection Day", "Bedroom Window Opened"… Depending on the importance, there is a difference between a message and an alarm.
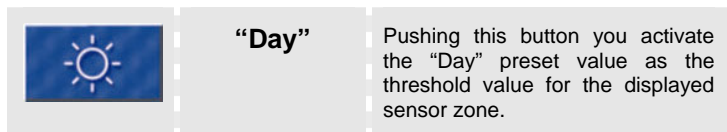
Message: a message only has an information value. As soon as you touch the touch window or a new message appears, the message is deleted even when you haven't noticed it.

Alarm: an alarm has an important information value you need to remark. For that reason an alarm will not disappear from the display as long as you will not delete it. After you have solved the problem causing the alarm, you have to push the button "menu" to delete the alarm.

When several alarms are send to the display, you can browse the alarms using the "next" button.

3.2. Zone 2: Thermostat

The LATUS LCD touch window is standard occupied with several buttons for the easy and user friendly control for the parameters of the integrated heating/cooling control. Within a moment you switch the heating on or off, adjust the wanted temperature… This is all done in an easy way using the buttons standard defined in the thermostat zone.

☀	**"Day"**	Pushing this button you activate the "Day" preset value as the threshold value for the displayed sensor zone.

	"Standby"	Pushing this button you activate the "Standby" preset value as the threshold value for the displayed sensor zone.
		This preset is only available with temperature sensors.
	"Nacht"	Pushing this button you activate the "Night" preset value as the threshold value for the displayed sensor zone.
	"Menu"	With a short push on the "Menu" button you select the next sensor zone of your TELETASK domotic system.
		A long push on the "Menu" button enables the configuration menu.
	"Up" or "Previous"	With a short push on this button, the threshold value is augmented with one step.
		This change is only temporary and is not saved in the memory of the domotic system.
	"Down" of "Next"	With a short push on this button, the threshold value is reduced with one step.
		This change is only temporary and is not saved in the memory of the domotic system.
	"On/Off"	With a short push on this button you switch the displayed sensor zone between "on" and "off"
		If a sensor zone is switched off, no measurement is done.
	Mode	With a short push on the "Mode" button you select successively the different available modes for the integrated heating/cooling system.
		Only the modes relevant to the

		integrated heating/cooling system are displayed.

✎   The LATUS LCD is standard equipped with the different "thermostat" buttons. When you don't need these buttons, you always can change the functionality of the buttons using the PROSOFT software.

3.3. Zone 3: Domotics

Beside the user friendly and extended thermostat functionalities, the LATUS LCD touch window offers the possibility to control extra domotic functions. This is done using the eight buttons in the "domotics" control zone.

These eight buttons are fully definable according your wishes using the PROSOFT software. As the case is with all buttons integrated in your TELETASK domotic system, the domotic functions can be assigned to the shirt or the long push functionality of the button. When you push short or long on the button the corresponding domotic function will be (de)activated.

4. Change Domotic Parameters

Using the LATUS LCD touch window you can change several domotic parameters. More specified the changes involves the preset values for temperature sensors, the active regime and changing the times of a clock line.

4.1. Change Temperature Preset Values

When you want to change the sensor preset value (day, standby, night) of a temperature sensor zone, work as follows.

1	Push short on the "Menu" button until the wanted temperature zone is displayed. The preset changes will affect the preset value of the displayed temperature sensor zone.
2	Push long on the "Menu" button. The configuration menu appears.

3	Push the button "Previous" untill ▸Temp◂ is selected in the second line of the display
4	Push short on the "Menu" button to confirm the selection.
5	Push the button "Previous" until the wanted preset is selected e.g.: ▸Day◂
6	Push short on the "Menu" button to confirm the selection.
7	Push short on the buttons "Up" or "Down" to increase or decrease the selected preset value with 0,5°C.
8	Push short on the "Menu" button to confirm and save the new value of the preset.
9	Push short on the "Menu" button to leave the configuration menu.

4.2. Change Regimes and Clock Lines

4.2.1. About regimes, clock tables and lines

Your TELETASK domotics system is able to activate several actions at a specified time as switching on the heating, closing the sun shades or shutters etc. The automatic process of such tasks is defined in clock tables. One action of such a clock table is called a clock line.

Which clock table that is processed by the domotic system, is defined in the active regime. The TELETASK domotic system distinguishes five different regimes.

Automatic: The domotic system processes depending the day the action out of the clock table "Working Day" or "Weekend". What day is recognized as weekend or workday is defined in your PROSOFT project.

Work day Fix: Your domotic system always processes the actions according the clock table "Working Day", even when the day is defined as a weekend day.

Weekend day Fix: Your domotic system always processes the actions according the clock table "Weekend", even when the day is defined as a working day.

Simulation: Your domotic system processes the action as defined in the clock table "Simulation". This clock table is reserved to simulate lived in actions when you ar not at home.

None: There is no extra regime active. No action from any clock table is processed.

    ☝   Beside the clock tables that are activated by the different regimes, there is always one clock table active: "Continuous". This clock table is not controllable.

4.2.2. Changing the active regime

The active regime is indicated on the LATUS LCD display with a one character symbol. When you want to change the active regime to another, because you have holiday on a normal working day i.e., work as follows.

1	Push long on the "Menu" button. The configuration menu appears.
2	Push the button "Previous" until ▶Regime◀ is selected in the second text line of the display.
3	Push the "Menu" button shortly to confrim the selection.
4	Push the button "Previous" until the wanted regime is selected, e.g.: ▶Workd◀
5	Push the "Menu" button shortly to confirm the chosen regime.
6	Push the "Menu" button shortly to leave the configuration menu.

4.2.3. Changing the times of a clock line

When the shutters automatically closes at 21u00, it is possible you want to change this time during summer season. This is possible using the LATUS LCD touch window.

|	
1	Push long on the "Menu" button. The configuration menu appears.

2	Push the button "Previous" until ▶Time◀ is selected in the second text line of the display.
3	Push the "Menu" button shortly to confirm the selection.
4	Push the button "Previous" until the wanted clock table is selected; i.e: ▶Cont◀
5	Push the "Menu" button shortly to confirm the selection. The first clock line of the selected clock table is displayed.
6	Change, if wanted, the hour setting of the first clock line using the button "Up"/"Down"
7	Push the "Menu" button shortly to save the new hour setting and select the minute setting.
8	Change, if wanted, the minute setting of the first clock line using the button "Up"/"Down".
9	Push the "Menu" button shortly to save the new minut setting. The second clock line will appear on the display.
10	Change the second clock line if wanted etc.
11	Push long on the "Menu" button to close the clock table.
12	Push the "Menu" button shortly to close the configuration menu.

5. Control with the TELETASK remote control

The different functionalities of the LATUS LCD are also controllable using the TELETASK remote control.
The thermostat buttons (button 1-8) are controllable with the buttons 1 to 8 on the remote control.

The domotic buttons (button 9-16) are controllable by pushing the button "S2" together with the buttons 1 to 8 on the TELETASK remote control.
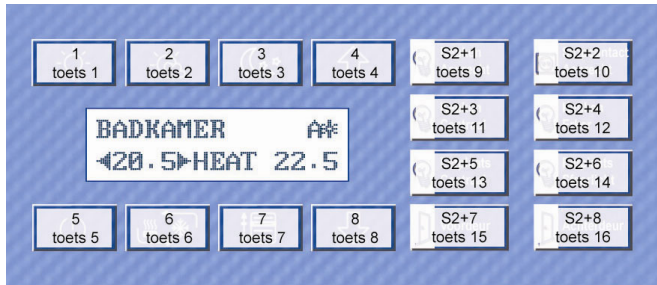
6. Hidden Display Functions

When you push long on the display zone, several hidden functions are enabled: cleaning the touch window, set the value for the dimmable LCD backlight or calibrate the touch window.

6.1. Clean the touch window

Cleaning the touch sensitive zone of your touch window becomes hard when the touch sensitive zone is active. You can disable the touch sensitivity of the LATUS LCD touch window as follows.
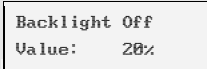
1	Wipe Screen ?	Push long (about 2 sec.) on the display zone until the message "Wipe Screen" appears.
2	Clean Screen 25 With Dry Cloth	Release the touch window at this moment. The touch sensitivity is now disabled for 30 sec. During this period you can clean the touch window without a problem.
3	Clean Screen 5 With Dry Cloth	The upper left display corner shows the left disabling time. When only 5 sec. are left, the feedback LED's start to blink to attract your attention that the

		disabling time is almost over.

   ☝   Clean the touch window with a dry cloth. To remove persistent greasy spots use a cloth litlle damped with a non-aggressive glass cleaner.

6.2. Dimmed LCD Backlight

When the LATUS LCD touch window is not touched for 30 seconds, the backlight of the LCD softly fades out. The standard dimming value is set to 20%, but you can change this value depending on the situation. In the bedroom the backlight needs to fade completely out, in the Living room you would like the display stays lighted at 50%. Set the dim value for the backlight as follows.

1		Push extra long (about 5 sec.) on the display zone. The hidden display menu appears on the screen.
2	``` Backlight: UP Calibrate: DOWN ```	Push the button "Up" to change the dim value of the backlight. The actual dim value is now displayed.
3	``` Backlight Off Value: 20% ```	Use the button "Up" and "Down" to enter the new dim value. The new dim value is saved automatically. After 10 sec. the basic screen is displayed again.

6.3. Calibrate the touch window.

The LATUS LCD touch window is one big touch sensitive zone, devided is the different button zone using some internal software. By several circumstances as big temperature changes it might occur that an error appears in the division of the touch sensitive zone. This will cause that another button is pushed than the one you mentioned.
When this problem occurs, you need to recalibrate the touch sensitive zone of your LATUS LCD. This means that you will refit the division of the touch sensitive zone with the sliding label. To recalibrate the LATUS LCD, work as follows.

1		Push extra long (about 5 sec.) on the display zone. The hidden display menu appears on the screen.
2	`Backlight: UP` `Calibrate: DOWN`	Push the "Down" menu to activate the recalibration program and follow the instructions on the screen.
3	`Calibrate Screen` `Upper Left But.`	Push button 1, this is the button in left upper corner.
4	`Calibrate Screen` `Upper Right But.`	Push button 10, this is the button in right upper corner.
5	`Calibrate Screen` `Bottom Left But.`	Push button 5, this is the button in left bottom corner.
6	`Calibrate Screen` `Bottom Right But.`	Push button 16, this is the button in right bottom corner.
7	`Calibrate Screen` `Press here:   ✕`	Push now on the "X" on the display to finish the calibration.
8	`Calibrate OK!`	When the calibration is done properly, a confirmation message appears.
		When an error occurred during calibration, an error message appears on the screen. The old calibration setting is kept.
		The error can be caused by:
	`ERROR` `Re-Calibrate!`	Inaccurate pushing on the several reference points.
		it took to long to recalibrate the touch window. Legal calibration time is exceeded.

7. Create your sliding label

The buttons of the LATUS LCD can be one by one personalized with an personal text inscription and a corresponding icon. To create your personal label in a fast and easy way, TELETASK designed a template to be used with your MS word text editor. In MS Word you enter the text, copy and paste an icon out of the library and print the label on the enclosed A5 paper. Work as follows to create the sliding label.

1	**Download**	Download the template from the TELETASK website www.teletask.be in the section "Downloads>Others"
2	**Unzip**	Extract the ".zip" file you have downloaded from the TELETASK website.
3	**Open**	Open the ".dot" file using your MS Word text editor. The file can be read from MS Word 97 versions and later.
4	**Text**	Enter the text in the selected button. Click on the text "Toets 1/ Button 1" Delete the text "Toets 1/ Button 1" Enter the wanted text. I.e.: "Central Light"
5	**Icon**	Copy and paste a corresponding icon beside the entered text. Select the wanted icon out of the library below the label template by clicking on the icon. A bold black box around the icon shows that it is selected.

		Push at your keyboard the buttons "Ctrl" and "C" at the same time.
		Select the icon of button one, just beside the place where you have just eneterd "Central Light
		A bold black box around the icon shows that it is selected.
		Push at your keyboard the buttons "Ctrl" and "V" at the same time.
		The wanted icon is now placed at the wanted place.
6	**Save**	Save the personalized sliding label on your PC.
7	**Print**	Print the sliding label using the print functions of your MS Word editor. Use the enclosed DIN A5 paper.