



ED-T7

External touch display, 7 inch

ED-T7 is a touch screen display and configuration unit intended for connection to a controller. The display offers full control of controllers that are, for example, mounted inside of a cabinet.

- ✓ Capacitive touch display with high resolution
- ✓ Easy to use
- ✓ Connects to the display port on the controller
- ✓ Up to 8 rows of information can be displayed on the screen for some applications
- ✓ Display adapts automatically to the program

Function

ED-T7 can be used as an external touch display for various controllers. The display will automatically detect the controller's programming and display the correct information.

It has a 7 inch, capacitive touch display with a resolution of 1024 x 600.

Installation

The display can be mounted, for example, on the operation panel of the control cabinet.

It connects to the controller by using Regin's cable EDSP-K3 or EDSP-K10. The display cable is connected to the controller using a 4P4C modular contact (see the diagram below, *Wiring*).

ED-T7 buttons and icons

There are some common touch buttons for all controller programs.



Ignore all changes and go to next variable



Erase the digit at the cursor. The cursor will move to next value when the current value is empty.



In edit mode
Blinking: Possible to edit



Nothing on the screen is editable

The alarm bell works as a button that will take you to the alarm list.



No alarm



Blinking:
There are one or more unacknowledged alarm(s)



There are one or more acknowledged alarm(s)

For use with with Regin's EXOproducts

The display can be used together with Regin's controllers EXOcompact, EXOclever and EXOdos, and the software tool EXOdesigner.

Note: The controller must have the functions

Display 6.0, Controller Handler 4.1 and Time Channels Display 1.2 (included in EXO 2017, ed. 1 or newer) in order to work with ED-T7.

When configuring the display in EXOdesigner, you can choose a large or a small program display size in the design tool. The large display can display 8 x 32 characters of data and the small 4 x 20 characters, for compatibility with existing display programs. Both display sizes have the same functionality and configuration. The buttons and interface are also the same, see above in *ED-T7 buttons and icons*.

Note: We do not recommend to use the large program display size for ED-T7 together with controller models without TCP/IP (EXOcompact especially). Doing so will make the display menu very slow.



ED-T7 with large program display



ED-T7 with small program display

For use with Regin's Exigo

The display can be used together with Regin's controllers with the Exigo software.

When the display is connected to a controller with Exigo 4.1 or higher, it will start up on the ED-T7 Exigo main page. A swipe to the left or right will change the screen to a controller display emulator.

Main page

Depending on the configuration of the controller, the display shows up to 4 heating systems, 2 hot water systems, district heating system, boiler control, buffer tank and solar panel system.












Mode - menu

At the bottom on the main page there are five "Mode" buttons. When the button text is green, it means that the mode is activated.

System Mode	Heating system	Domestic hot water system	District heating / Boiler / Buffer / Solar
AUTO	Automatic mode, control function depending on timer and other settings		Automatic mode, working on demand
CONTINUOUS	Normal operation with setpoint CT1		Same as Automatic mode
SUMMER	No heating, which means switch off operation if in heating mode, and automatic operation in cooling mode	Same as Automatic mode	Same as Automatic mode
HOLIDAY	Holiday operation with setpoint Holiday		Same as Automatic mode
OFF	No control function, valves closed, pumps off. Not accessible from the display.		

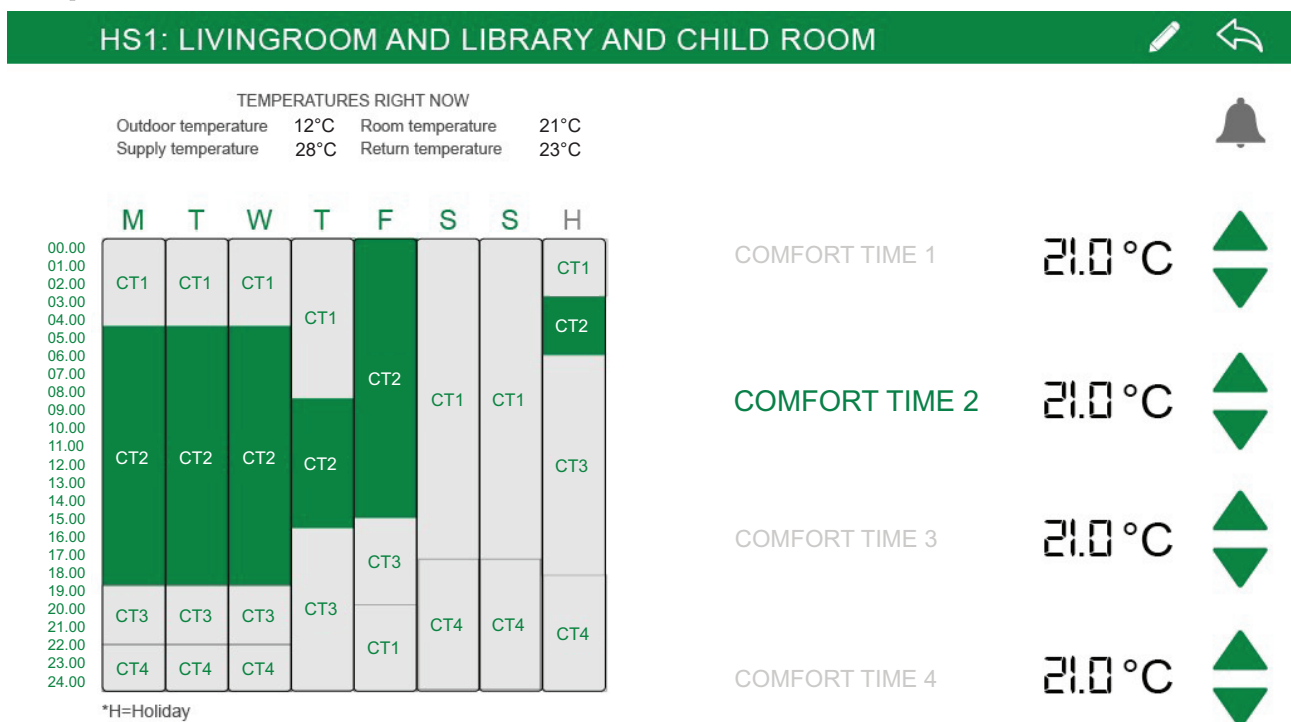
The flag symbol in the bottom right corner is for changing the language on the display. Selectable languages are English, Swedish, German, French and Italian.

Symbols and icons on the Exigo Main page

	Settings: jumps to the setting page		Hot water system
	Day mode		District heating system
	Night mode		Boiler control
	Increase / decrease setpoints in the heating system by 0.5 °C		Buffer tank
			Solar panel

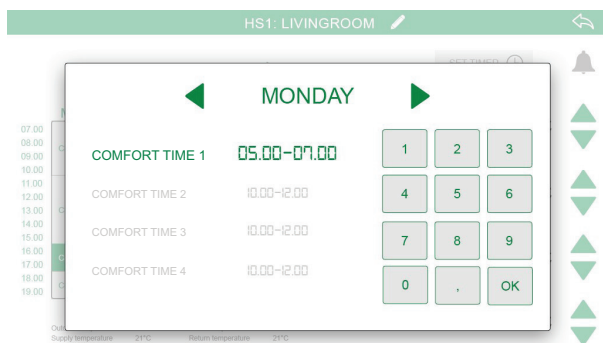
Settings page

Example:



- The text in the headline can be changed by pressing the pen. This will open a pop-up window where you can define a short-text (15 characters), used as name in the main-page, and a long-text, used as headline in the sub-page (40 characters).
- Shows the main temperatures of the system
- The setpoints of the 4 different comfort periods can be changed separately, the valid period will be highlighted
- The picture shows the start and stop of the timer, a press on the picture / diagram opens the page "Timer settings"

Timer settings



The start and stop times can be changed for four periods in the selected day.

Technical data

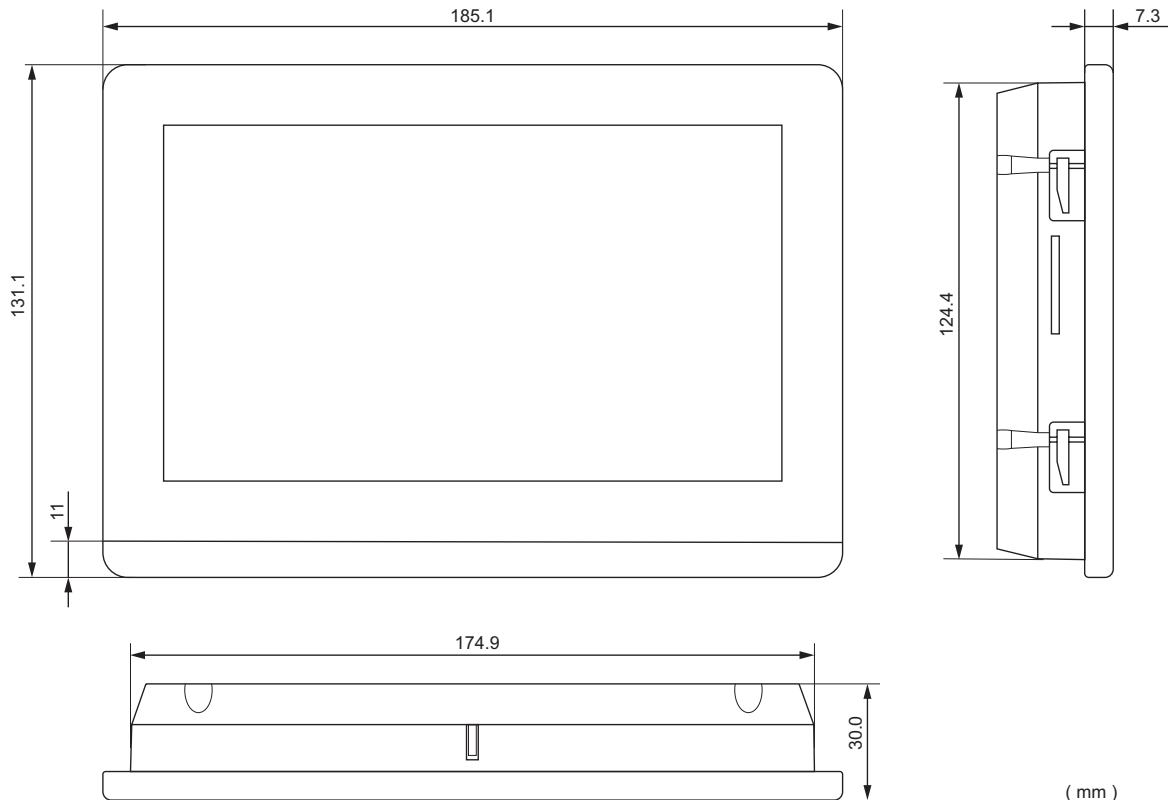
Power supply	24 V DC, range 9...28 V DC
Power consumption	< 6W
Dimensions, front (H x W x D)	131.1 x 185,1x 7.3 mm
Touch panel	Glass front panel with capacitive multi-touch interface
Working temperature	-10...+60°C
Ambient humidity	Max. 90% RH (non condensing)
Protection class, front	IP65
Protection class, back	IP20

CE

EMC emissions & immunity standards: This product conforms to the requirements of the EMC Directive 2014/30/EU through product standards EN 61000-6-2 and EN 61000-6-4 +A11.

RoHS: This product conforms to the Directive 2011/65/EU of the European Parliament and of the Council through product standard EN 50581:2012.

Dimensions

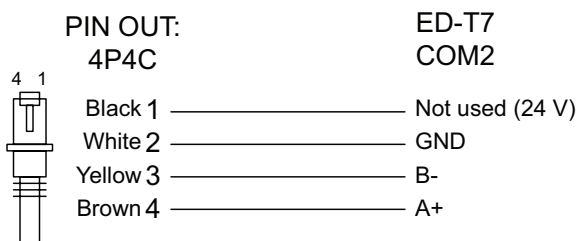


Accessories

Article	Description
X1111	Power supply unit
EDSP-K3	3 m cable for connection to controller
EDSP-K10	10 m cable for connection to controller

Wiring

Wiring with EDSP-K3/K10



Product documentation

Document	Description
Instruction ED-T7	Instruction for installation and connection of ED-T7

The product documentation can be downloaded from www.regincontrols.com