

OLED
THE PERFECT HIGH-RESOLUTION DISPLAY

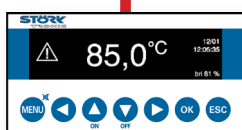


100% made in Germany!

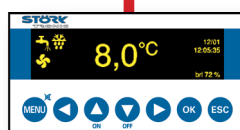
ST-Box 300

ST-Box 200

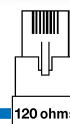
ST-Box 200 F
OLED



ST 961

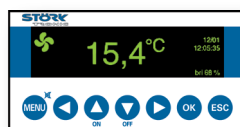


ST 961

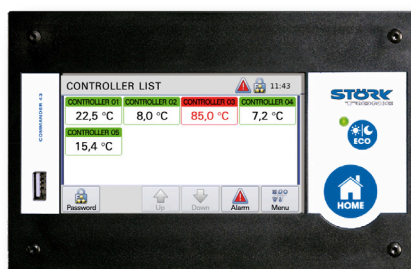


ST-Box 100
OLED

ST 900



ST 961



Commander 43

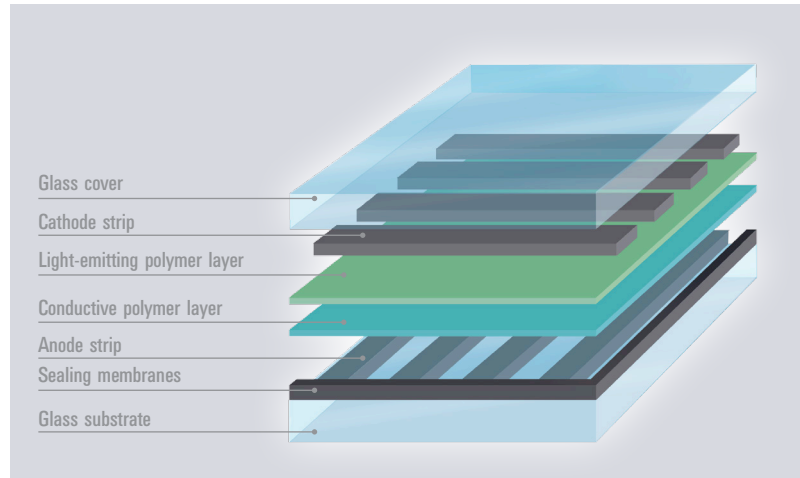
A NEW GENERATION OF COMPACT DISPLAYS

Störk-Tronic has been firmly established within the measurement and control technology market for three decades and has a great deal of expertise in this sector. The competence attained through numerous customized projects and many years of experience in the market is reflected in the development of OLED displays – a new generation of high-resolution displays and control units.

Why are OLED displays popular?

Compared to traditional LCDs, OLEDs are thinner which is why they are preferred for use in ultra-thin screens. As the screen elements of the OLED displays light up independently, the displays do not require a backlight, enabling unrivalled contrast and excellent readability, which was not possible with display technology up until now.

What is more, the device produces less heat and has higher luminous efficiency, which saves energy.

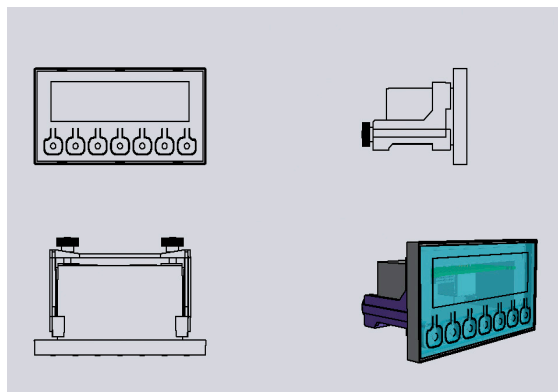


The structure of an OLED display. Thanks to fewer layers, OLED displays are visibly thinner than traditional LCD displays.

What are OLED displays?

OLED stands for Organic Light Emitting Diode. This currently represents the most modern light diode technology.

The main difference between the OLED and the traditional LED is that the OLED is made from organic materials, meaning that both single diodes and high resolution, high end displays, such as the Störk-Tronic OLED Displays, can be manufactured from such materials.



With the housing front measuring 96 x 48 mm and an installation depth of 39 mm, the OLED display is suitable for different housing dimensions, for the ST-Box 100, the ST-Box 200 F and for ST 900/961/962, for example.

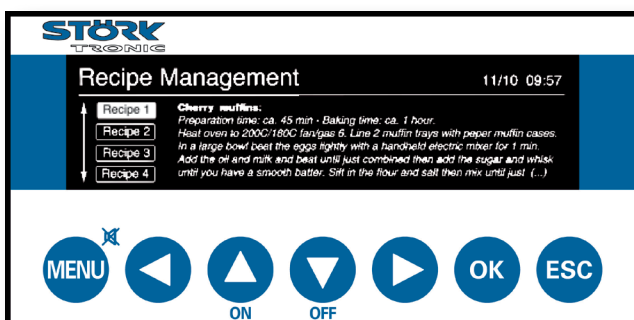
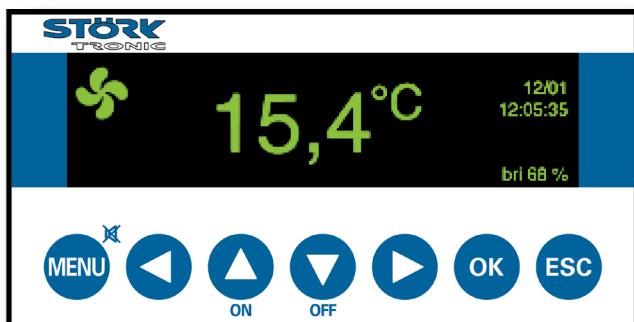
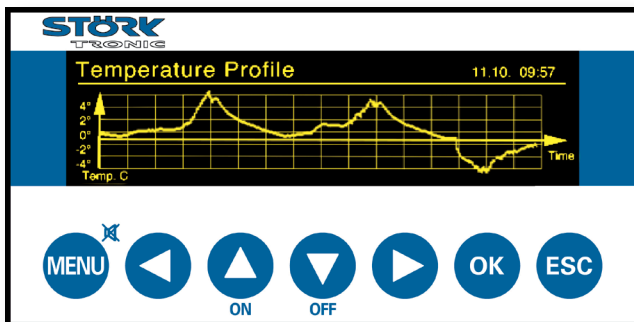
Design

INDIVIDUAL PRESENTATIONS

Störk-Tronic OLED displays are available in four different colours:

- White
- Yellow
- Turquoise
- Green

The foil design can be customized according to specific requests from the customer.

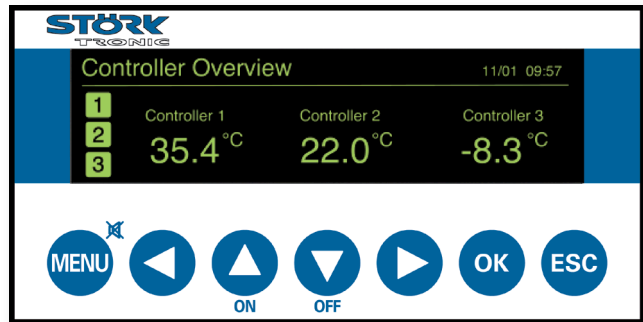


Graphic highlights:

- Brightness setting
- Temperature profiles
- Animations / moving images (e.g. rotating fan display)
- Optimal readability thanks to high display resolution (256 x 64 pixels)
- Visualisation and storage of a variety of information (e.g. recipe management)
- Font and language can be selected individually

Technical highlights:

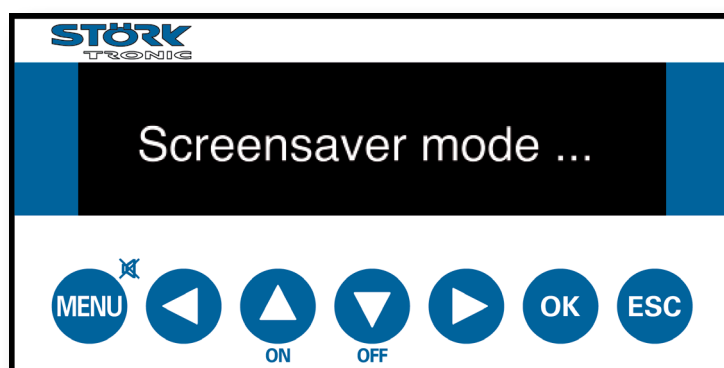
- Options for networking and display of several controllers
- Energy-optimised standby operation via remote sensor
- Shortest response time with the new generation 32-bit processor
- USB port for data export
- HACCP-compliant
- Optimum readability from all angles
- Option of up to 7 buttons
- Backlight option for buttons
- Real time clock
- Alarm function



Störk-Tronic OLED controllers undergo strict quality control at every level of production. During the 24-hour endurance test, which is the fourth and final quality control step, every individual controller is tested using real conditions before it is delivered to our customer. This is the basis of our quality promise: 100% Made in Germany.



The 24-hour endurance test for each individual controller: 100% Made in Germany = 100% quality.



Example of a standby function with dimmed screensaver to conserve resources. This controller is shown to-scale.

Split and compact versions

CAN BE INSTALLED AS A SPLIT SOLUTION,
A COMPACT UNIT OR WALL-MOUNTED
(E.G. FOR COLD ROOMS)

Split version

The split solution offers more flexibility in choosing the installation location, due to the reduced installation depth of the display. The control unit, which is connected to the display via a CAT 5 cable, also has more options and more space, for example, a higher number of inputs and outputs.

With the ST-Box 200 and the ST-Box 300, the OLED display can be used as a split version. Networking therefore combines all the advantages of both product groups.

Interconnectivity with the Commander

The Störk Tronic OLED controller can be equipped with an ST-Bus interface upon request, linking it to the Commander, which offers a number of advantages including remote monitoring, remote controlling via the internet, and connection to the ST-Cloud.



COMPACT CONTROLLER AS A STAND-ALONE SOLUTION

Compact solutions

Compact controllers can be used as stand-alone solutions. This means that the operating unit and power unit can be built into one single unit if sufficient space is available within the system. Installation in one place can reduce costs.

Compact controller

The ST 900 OLED compact controller has various applications. The display can be flexibly programmed for each area of application and the design of the compact controller can also be freely selected.



Compact controller as a wall installation

With the compact version, the OLED display is suitable for various applications, such as cool rooms or as a stand-alone solution with wall mounting.

There are various size options for different technical uses. The wall mount version is supplied with the appropriate plugs.



The ST-Box 200 F OLED with front dimensions of 185 mm x 170 mm.



The ST-Box 100 with front dimensions of 170 mm x 120 mm.

