

CUSTOMER STORY

MIKKA MONITORS IN TRAINING EQUIPMENT

Customer

SPRINTEX Trainingsgeräte GmbH 

Industry

Healthcare

Initial Situation and Requirements

SPRINTEX Trainingsgeräte GmbH develops and manufactures slat-belt treadmills for therapy, motion analysis and fitness.

Two different monitor models were needed for integration into the treadmills:

1. Supply of the complete control unit with an integrated open frame monitor: This serves as the control panel for a training device.
2. Supply of an open frame monitor for integration into a control terminal by SPRINTEX: The monitor functions as the user interface for operating the treadmill.

A key requirement for both projects was for the displays to respond only to finger touch, not to sweat drops. This ensures smooth operation during intense training sessions.



Our Solutions and Results

To meet Sprintex's needs, we selected a touch controller that detects whether the display is touched by a finger or a (sweat) drop, executing only finger inputs. We chose the following monitor models for the projects:

1. For the complete control unit, we developed the customised monitor solution MK173XAML-D, specifically designed to fit the installation situation, with the following features:
 - Customised design: engineered to seamlessly integrate into the given housing dimensions.
 - A 178° horizontal and vertical viewing angle provides clear visibility from almost any angle, making operation easier and enhancing user-friendliness.
 - The anti-glare display reduces distracting reflections and ensures optimal visibility, even in bright environments.
 - The multitouch display enables quick, smooth interactions and ensures precise, reliable touch inputs.
 - The high-quality monitor components guarantee a long lifespan and reduce maintenance and replacement costs.

MIKKA Monitor Solution



Customised Monitor Solution:

MK173XAML-D

- 17.3 Inch
- Extended Viewing Angle
- Anti Glare
- Multitouch
- Desktop Version



Solutions and Results

For the second project, where SPRINTEX had to integrate our monitor solution into a control unit, we selected the MK133XAML-D open frame monitor from our standard product range. The monitor also features a touch controller that ensures smooth operation without unwanted inputs.

The 13.3 inch monitor impresses with the following features:

- A 178° horizontal and vertical viewing angle provides clear visibility from almost any angle, making operation easier and enhancing user-friendliness.
- The anti-glare display reduces distracting reflections and ensures optimal visibility, even in bright environments.
- The multitouch display enables quick, smooth interactions and ensures precise, reliable touch inputs.
- The high-quality monitor components guarantee a long lifespan and reduce maintenance and replacement costs.

MIKKA Monitor Solution



MK133XAML-D

- 13.3 Inch
- Extended Viewing Angle
- Anti Glare
- Multitouch
- Desktop Version



Customer Benefits

- Long-term planning: MIKKA guarantees the availability of the selected monitor model for 5 years. After this period, MIKKA provides an identical replacement model.
- Customised monitor solution meets complex requirements
- Short delivery times
- 3-year manufacturer warranty
- Sustainable monitor design ensures easy repairs when needed
- Individual, personal and expert customer support through our sales team in pre- and aftersales.



This is what Sprintex says about our collaboration

"The MIKKA team supported us with advice and hands-on assistance to find a customised screen solution. Their creative approaches successfully meet our requirements. We are just as impressed with the result: a monitor with an intuitive and elegant user interface that offers excellent touch quality and readability."

- Lucas Huhn, Project Manager Research & Development at Sprintex