

DATA MODUL

Fitness & Rehabilitation

Smart applications for an excellent training experience



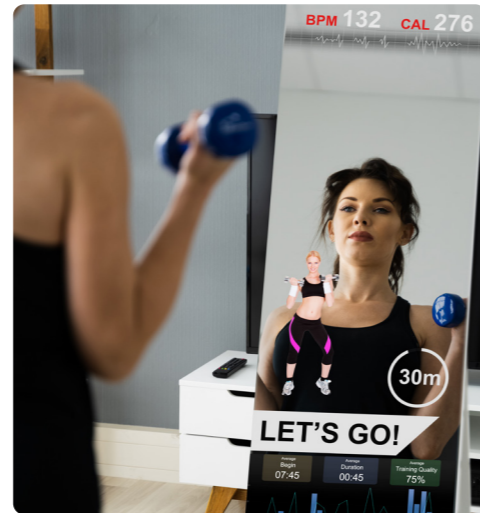
Passion Displayed



Take your training equipment to the next level

Explore our solutions for fitness & rehabilitation

From fitness mirrors to fitness trackers and displays for a wide range of fitness equipment, our display solutions fit seamlessly into various sports applications and convince with their outstanding functionality, user-friendly operation and innovative features. Discover the versatility of our products for a first-class training experience!



We understand your requirements

Addressing the key challenges

Smart fitness applications must meet the demanding requirements of fitness training. Outstanding robustness and shock resistance are essential to withstand the stresses during sporting activities. At the same time, high touch sensitivity is crucial to enable fast and precise inputs, while unintentional inputs caused by sweat or wet hands are reliably detected and minimised. A clear display of training information and seamless communication with other fitness sensors such as heart rate monitors or GPS trackers round off the training experience. With our in-depth understanding of the specific challenges in the fitness and health industry, we are your reliable partner for customised solutions.

Fulfilling your needs is our top priority

Your advantages at a glance



Excellent readability

- ▶ Perfect colour representation
- ▶ High contrasts, brightness & resolutions
- ▶ Wide viewing angles
- ▶ Anti-glare surface to reduce glare effects



Reliable operation

- ▶ Precise inputs thanks to PCAP sensors & latest touch controller
- ▶ Optimal tuning of touch settings
- ▶ Avoidance of false triggering under liquids such as sweat or cleaning agents



High-quality products & reliable service

- ▶ Robust components
- ▶ Gap-filling process to protect against dirt & moisture
- ▶ Protection class up to IP67 & IK-tested
- ▶ Long-term availability & obsolescence management



Numerous additional features

- ▶ Knob-on displays & optical encoders
- ▶ RFID, NFC, WLAN, Bluetooth
- ▶ Proximity sensors for detection of potential touches & subsequent activation of the HMI

Exactly tailored to your needs

Customising options for your unique product

With our extensive customisation options, we support you in taking your smart fitness application to a new level. As an experienced and competent partner, we accompany you from the initial idea to the complete implementation of your customised solution.

- ▶ Variety of display sizes & formats
- ▶ Expansion options such as camera, proximity sensors, RFID
- ▶ Integration of fitness sensors such as heart rate monitors
- ▶ Liquid hot melt bonding from frame to glass touch unit
- ▶ Subsequent gap-filling process to protect against moisture and dust ingress
- ▶ Various operating options such as (multi-)touch, haptic touch or gesture control
- ▶ Integration of charging areas for mobile devices, tablet, cell phone



Trouble-free operation possible even under the influence of liquids such as sweat

Realise your project together with us

Possible applications for fitness & rehabilitation



- ▶ Fitness mirrors
- ▶ Treadmill
- ▶ Cross trainer
- ▶ Rowing machine
- ▶ Stairmaster
- ▶ Spinning bike
- ▶ Fitness tracker
- ▶ etc.



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All good things come in threes:

With **Hardware**, **Software** and **Services**, we realise unique display solutions that turn your ideas into reality.

www.data-modul.com

