

# Touch screens & keys



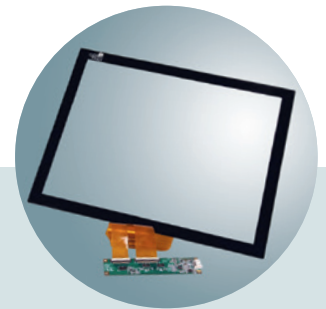
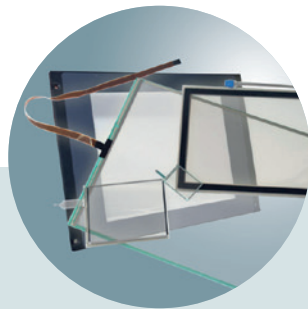
- Resistive and capacitive touch
- Own production plant
- Software support
- Customization is standard

# Touch screens & keys

Since the early 2000's, ClickTouch is a manufacturer of touch screens. Our capacitive keys are produced in our European or Asian plants. We control the entire process, from early design to serial production. We have the capability to produce fully customized touch films. We can combine different touch detections (keys, slider, wheel, touch screen) on the same sensor foil. This solution offers numerous design possibilities without the need for complex construction or decoding.



ClickTouch,  
your solution  
provider



## Complete standard solution

Our CTG is fully standardized. Main reasons for this are cost efficiency, proven quality, fast availability and simple integration.

In our standard solution we offer: printed glass, capacitive 'ITO on Glass' touch screen, controller board, cables, software & drivers. ClickTouch guarantees the **complete integration** and **software support**.

## Tuning support

ClickTouch offers all the needed support for the integration and customized programming of the touch screen controller. The controller and how well it handles the processing of noise-sensitive signals have an impact on performance, functionality and user experience. At a minimum, a controller needs high-quality analogue front ends, built-in noise handling capabilities and sophisticated processing algorithms. By providing a **high signal-to-noise ratio (SNR)** and **effective noise handling**, a controller can compensate for the signal-strength degradation caused by other noise sources.

We use **tailor-written algorithms** compatible with the sensors being used. The programming of the controller also determines which advanced features, such as water tolerance, water operation or glove control, the system can support.

## From standardized to custom-made

Our standard line can be **personalized** according to your needs. We offer the opportunity to design the cover glass according to your wishes. Thanks to the various controllers & tuning possibilities, we can even go further and offer **solutions for any market that operates in any condition**. On top of this, we can develop the controller board to a **Chip on Tail solution**.

## Keys

We have the capability to produce fully customized touch films. We can **combine different touch detections** (keys, slider, wheel, touch screen) all on the same sensor foil. With our Fine Line nano-silver (Carbon Nano Cubes) we can easily **upgrade to backlighting** and **'secret until lit' functions**.