

zabeltechnik 



**Your manufacturer and distributor for
electronic components & devices**



45 ^{Over} Years' Experience 

Company History

In 1973, Klaus Zabel founded Zabel Technik GmbH. An innovative company, specialized in manufacturing and selling electromechanical and electronic components.

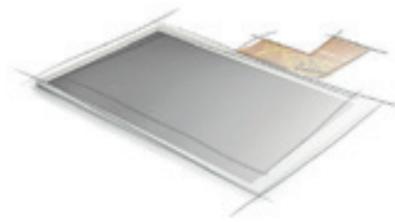
The product-variety ranges from usual standard keyboards up to complex equipment solutions, including design and development. We're specialized to customer-specific solutions.

Our high qualified employees assure your success. It's very important for us to keep your individual expectations and requirements in mind. Our specialists will consider your customized needs and help you to create the individual product you have imagined.

Dedicated support is just one of our strengths.

Our company is based in Krefeld. Where we house administration, product development, plastics processing, CNC grinding, prototype construction and quality assurance.

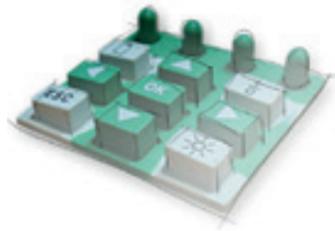
From single components...



Display



Membrane Switch



Rubber Keypad



Touchpanel



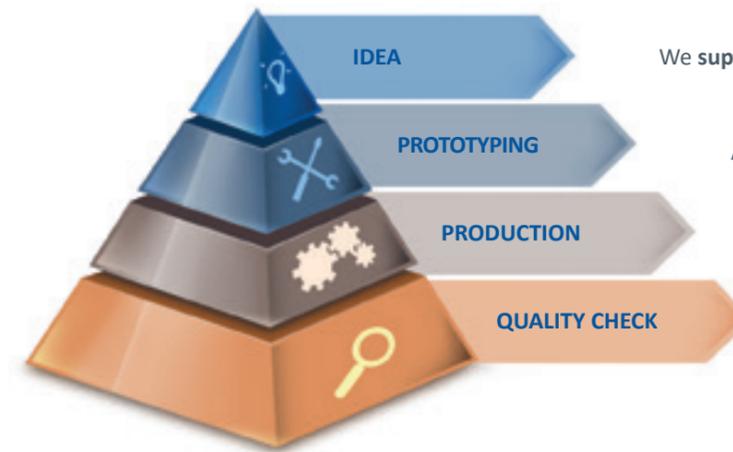
... up to working devices.

100 Percent Quality

Experience that pays off – even for you!

We offer to you a reliable production with our in-house production and also routine quality-checks to keep the quality at a high level.

We develop and engineer the product alongside with you. Even with small quantities you can expect the highest quality.



We support you to realize your product-idea.

At first we develop a prototype which can be produced in quantities after your approval.

Permanent quality checks will guarantee consistent quality.

Your idea is our mission!

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Properties that convince



Hygienic

This **aluminium carrier** with a laminated touch panel is hygienic and can be produced in any customized shape. This is a great example for medical-used product.



Interactive



Input devices getting more and more common. No matter if you are looking for **simple signature pads** or **complex graphic tablets**, we will be able to handle your needs.

Waterproof



The shown product is a waterproof control unit for medical devices.

Beside its exclusive design there are many other features like extended lifetime which reaches up to one million actuations.

High-Class



High quality standards are needed in many sectors. Despite their luxury appearance our aviation switches are extremely durable.

Our long-term cooperation with avionic suppliers validates the high manufacturing standard.

Illuminated



This membrane switch is intuitive and needs low actuation force. Many sectors require devices with this function.

If haptical, visual, acoustical or combined, our products will always give users an ergonomical feedback.



Built to last

Functional and effective – This product is indestructible! This exceptional robust case has been developed and engineered by us. It is outstandingly stable and waterproof.



All listed features are the most common examples for our products. We individually design each product for our customer.

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Mostly used components



Silicon Rubber Keypad



Its gentle touch makes it super versatile.

We offer "natural", printed and laser etched silicon rubber keypads, depending on your application, we also epoxy- or PU-coat your rubber keypad for extended lifetime of the lettering.

Direct conductivity via carbonpill, metal dome or polydome

A top layer for membrane switches or push buttons

Actuation force from 20gr up to 500gr

Actuating way 0,1mm to 5mm

Extended lifetime with PU or epoxy coating

Multicomponent technology

Translucent

Membrane Switch



Membrane switches are our top selling input device.

These affordable devices can be used for nearly every purpose.

Illuminated / non illuminated

Matt or shiny

IP protection up to IP67

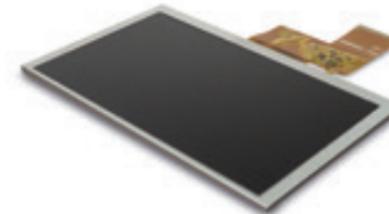
Embossings, windows and pocketstructure

Metal domes

Single or double sided pcb

Individual configured connectors

Display



Zabel Technik offers individual display solutions.

Small monochrome displays or HD OLED module, Zabel Technik delivers the perfect fitting display for your product.

Connections:

SPI

LVDS

I²C

Touch Panel



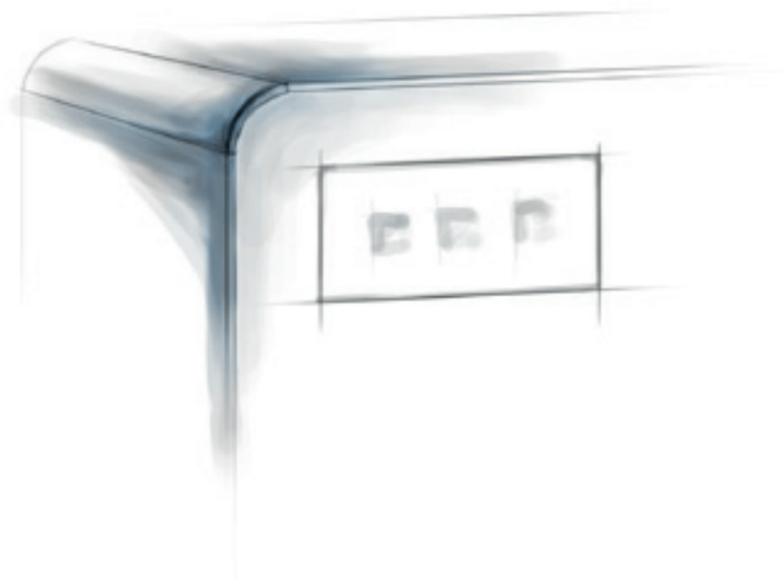
Touch panels are the most intuitive way to control or send input data to a machine.

Touch panel can be laminated to most surfaces and in combination with a display you get an extremely versatile input device that will functionally grow with your machine.

All components can be purchased from us.

One Solution

Zabel Technik GmbH



- Hygienic
- Interactive
- Built to last
- Waterproof
- High-Class
- Illuminated
- Individual

Did we convince you?

If you are interested in realizing a new project with us, please feel free to get in touch with us.

We would like to support you and answer all your questions. If the project requires specific consultations, we may visit you at your department.

We are looking forward for your contact.

zabeltechnik

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EPW

TQ

RHEINMETALL

kontron

BOSCH

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Trimble

DELPHI
Automotive Systems

KMW
Krauss-Roßkopf-Wilhelm

Eichhoff

WACH
LANGE
UNITED FOR WATER QUALITY