

## What is a touchpad?

The touchpad is an input device, which is available for nearly all interfaces.



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There are two major types of touchpads

### **Resistive:**

The resistive touchpad consists of two membranes. When a finger or other object de**Presse** the top membrane with a certain pressure, the membrane touches the underlying one. The connected controller recognises where the two foils are touching each other and sends the information to the PC.

This is the older version and is rarely used. We carry only capacitive touchpads.

### **Capacitive:**

The capacitive touchpad consists of a PCB covered with a foil for design and protection. An electrical feild is generated above the front of the PCB. When a finger touches any place on the touchpad area, the electrical feild is changed. The controller on the back of the PCB converts this change to the position on the pad and into a musesignal that is transferred to the PC.

### **The advantages of a capacitive touchpad are:**

- Compact in size
- Durable- virtually endless lifespan, since there are no moving parts
- Easily mountable

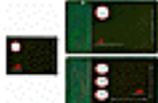
The surface design can be changed to suit the customers needs and preferences.

### **Where are touchpads used?**

- Infoterminals
- Notebook computers
- Industrial applications
- Medical devices
- Notebook

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## Links

Click!	Titel
	<b>CIRQUE Easy Cat</b> Touchpad with two buttons
	<b>CIRQUE Smart Cat</b> Touchpad with 4 buttons and window scrolling function
	<b>CIRQUE Power Cat</b> Touchpad with programmable buttons, window scrolling function and special pen for handwriting
	<b>Touchpad Modules</b>
	<b>Cirque Kiosk Touchpad Series</b> Three Touchpads designed especially for kiosk environments.

[sales@www.tastaturen.com](mailto:sales@www.tastaturen.com) Anrufen: (0 89) 89 43 99-0 Faxen: (0 89) 89 43 99-11