SCHURTER CapKey®
Switch behind glass

The SCHURTER CapKey® is the future switch for glass operating panels. Many equipment nowadays would like to use the benefits of modern looking glass surfaces and easy to clean material. CapKey® technology is developed to make a reliable switching panel behind glass. You can use your selected graphics to print keys in any size and shape. The CapKey® technology makes use of standard available controller chips. This makes CapKey® your ideal, cost effective, solution to switch behind glass!

1 Switches
In many markets such as laboratory, medical, vending and security, glass is an ideal overlay material. CapKey® is the technology to create switches behind glass surfaces. With the use of a standard capacitive chips, a cost effective switch solution is created.

2 Surface material
You are not only restricted to use glass. CapKey® technology will work behind glass, polycarbonate and polyester. This allows you to use the best material for your application. For design, hygiene and durability, a wide range of materials are available for your product.

3 Backlighting
A great advantage of CapKey® technology is the possible use of LED backlighting in multiple colours. This allows you to give optical feedback to your user in multiple colours.

4 Sliders and wheels
An attractive feature of CapKey® technology is the integration of wheel and slider functions. These functions open your user interface possibilities. You are not restricted to use just keys anymore!

5 Housings and assembly
If you would like to integrate your product into a housing, SCHURTER is the partner to assist you. With CapKey® technology you can flush design in order to create an attractive look and feel.

6 Electronics
SCHURTER will provide you with the schematic and firmware for your switch solution. A dedicated controller can be designed for you on request.

Did you know that the SCHURTER group can provide you with service via Electronic manufacturing services (EMS)?

Markets
- Medical and laboratory
- Industrial equipment
- Security
- Building automation
- Vending
- Telecom

Benefits
- Attractive flexible design
- Flat design without mechanical parts
- Easy to use, easy to clean
- Your preferred surface material
- Hygienic

Key specifications
- 1-12 keys or 9 keys & 1 slider
- Other configurations possible with customized sofware
- I2C, SPI, UART or digital I/O
- 1.7V up to 5.5V operating voltage
- Temperature range -40˚C +85˚C