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GCK-978 Contoller

Freely programmable keyboard controller. Matrix Programming with USB with PC Tool

Description

The GCK-978 offers a feast of versatility, with numerous interfaces for mouse, Touchpad, Trackball, magnetic card reader, and last but not least, an I²C Bus e. g. for display control. It is not only possible to connect another keyboard with 160 keys, but also to assign a second level to this for dual functionality. While with PS/2 Interfaces an extra cable is usually needed to connect the keyboard and mouse substitutes to the PC, it is now possible with the help of the USB version to connect both devices with a single cable. Of course the controller also supports LEDs for NUM, CAPS and SCROLL lock, and has an integrated buzzer for acoustic signals. Fitted with a USB-PS/2 Autodetect port, the GCK-978 automatically recognizes the interface as soon as the cable is connected. Should you opt for a more basic version, the GCK-978 is also available in a pure USB, PS/2 or RS232 version.

Further features

When operating under Windows, the controller runs with the standard drivers, making integration with systems a breeze. There is no need for annoying driver installations and the frequent subsequent problems. Simply connect and you're ready to go!

Software

In addition, the software of the GCK-978 has sophisticated "Ghost Key Detection" so that use of decoupling diodes is no longer necessary. Using the Windows tools, the customer is able program the matrix with up to 63 strings/batches via USB. This graphic tool requires no Programming experience and is extremely easy and effective to use. Each of the 160 matrix points can be entered in two independent levels. This is achieved by means of a level switch key (Fn), which can also be freely assigned to anywhere in the matrix. Because the decoder is completely freely programmable, it can be applied with enormous felxibilty.

Compatiible to predecessor

Because of its compatibility to the previous model, the GCK-972, the GCK-978 can be effortlessly integrated into existing systems. They match mechanically, so the controller can be substituted one to one if required. Electrically, the controllers are also almost identical, so that no problems will arise as the result of an exchange.

Specification

Mechanical data

Dimensions:	98 x 60 x 11 mm
Weight:	ca. 0,60 kg

Electric Data

Interface:	PS/2 or USB
Operating Current:	ca. 12 mA

Environment

Operating Temperature:	from 0 °C to +70 °C
Storage Temperature:	from -15 °C to +70 °C

Order No.	Article	
CS1123	GCK-978-USB/PS/2-Standard	PS/2 or USB

Accessories

Order No.	Article	
ZK1364	Anschlusskabel USB	
KK1177	Anschlusskabel-PS/2	PS2 cable

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