

# MultiBoard USB

## G81-7000 / G81-8000

Multifunctional, programmable USB keyboards with integrated Magnetic Stripe Reader. For commercial use and all other applications requiring a versatile and robust keyboard fulfilling the highest expectations to alphanumeric data entry. G81-7000 with space-efficient 405 mm width.



MultiBoard USB G81-7000



MultiBoard USB G81-8000



### Facts & Features

- Single mechanical keys (Cherry FTSC Technology)
- Designed for continuous use - > 50 Mio key presses
- Robust and reliable
- Programmable Magnetic Stripe Reader
- Optional integrated Barcode Decoder
- 43 programmable keys
- OPOS and JavaPOS for Windows™ and Linux, support of Client-Server architectures
- Efficient configuration with professional 'Cherry-Tools' software
- Two USB downstream ports at the right rear

### Agency Approvals

- GS (G81-8000) resp. VDE/ÜG (G81-7000), CE, FCC, cURus, C-Tick, VCCI, BSMI, GOST-R, WHQL, Designed for Windows™ XP

### System Requirements

- USB plug and supporting operating system
- Operating System depending on software to be used

### Delivery Volume

- 1 MultiBoard Keyboard
- 1 Printed Manual
- 1 CD-ROM

### Magnetic Stripe Reader

- Optional 2- or 3-track reader
- Freely-programmable Header and Terminator per track
- Adjustable transmission of start/stop characters (sentinels)
- Enhanced card processing security with selection of non-keyboard hex codes
- Audible indication of Magnetic Stripe Card good or bad read; adjustable duration
- Free parsing and configuration of Magnetic Stripe data stream
- Free selectable output order of the tracks

### Professional Software

- Programming of software macros with powerful configuration software 'Cherry Tools'
- Plug 'n' Play configuration
- UPOS support for Windows™ and Linux; Support of Client-Server architectures
- Supports Windows™ system functionalities
- Easy configuration file transfer with Windows™ Explorer
- Remote Network and immediate installation with 'Cherry Tools Runtime' version

### Guarantee period

- 2 years

## Software

- Cherry Tools
- Cherry Tools Runtime Edition
- Magnetic Stripe Reader Support for Linux
- OPOS Support
- JavaPOS Support for Windows™ & Linux

## Technical Data

- Interface:  
USB 2.0 (1.1 compatible)
- Downstream Ports  
Two USB downstream ports at the right rear  
USB 2.0, full speed
- Cable Length:  
approx. 1.75 m
- Magnetic Stripe Reader:  
Standards: ISO 7811/-12, AAAMVA, JIS 1/2  
Gemini (others on request)  
Reading Cycles: up to 1 Mio. Card Swipes  
Swipe speed: 3 - 125 inch/s at 75 Bit/inch  
3 - 50 inch/s at 210 Bit/inch
- Number of Keys:  
104 = international layout with Windows™ keys  
105 = European layout with Windows™ keys
- Weight:  
*G81-7000:*  
max. 1650 g (without packaging)  
max. 2000 g (incl. packaging)  
*G81-8000:*  
max. 1950 g (without packaging)  
max. 2300 g (incl. packaging)
- Dimensions:  
*G81-7000:*  
approx. 405x220x64 mm (keyboard)  
approx. 455x277x72 mm (packaging)  
*G81-8000:*  
approx. 470x220x64 mm (keyboard)  
approx. 521x277x72 mm (packaging)
- Operating life time of individual keys:  
> 50 Mio operations
- Current Input:  
max. 400 mA
- Current Output:  
max. 100 mA per downstream port
- Reliability:  
MCBF > 10<sup>9</sup> operations  
MTBF > 100.000 hours
- Storage Temperature:  
-20°C to 60°C
- Operating Temperature:  
0°C to 50°C
- Packaging Unit:  
*G81-7000:* 34 keyboards per master carton  
*G81-8000:* 31 keyboards per master carton  
2 master cartons per pallet

## Order Description

<i>Order Number</i>	<i>Magnetic Stripe Reader Tracks</i>	<i>Colour</i>
<b>Compact Version</b>		
G81-7000LU <sub>xx</sub> -0	1+2+3	light grey
G81-7000LU <sub>xx</sub> -2	1+2+3	black
G81-7000LUB <sub>xx</sub> -0	1+2	light grey
G81-7000LUB <sub>xx</sub> -2	1+2	black
<b>Standard Version</b>		
G81-8000LU <sub>xx</sub> -0	1+2+3	light grey
G81-8000LU <sub>xx</sub> -2	1+2+3	black
G81-8000LUB <sub>xx</sub> -0	1+2	light grey
G81-8000LUB <sub>xx</sub> -2	1+2	black

The xx in the Order Number defines the country version as follows:

### European layout:

BE Belgium  
 CH Switzerland  
 DE Germany  
 DK Denmark  
 ES Spain  
 FR France  
 GB English (UK)  
 IT Italy  
 NO Norway  
 PO Portugal  
 SF Sweden/ Finland

### International layout:

EU US English with €-Symbol  
 US English (US)

(Other country versions upon request.)

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The manufacturer accepts no liability for errors or non-availability, and reserves the right to change specifications without prior notice. Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.

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