

MultiBoard PS/2

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 G81-7000



MultiBoard 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
- Integrated Memory

Agency Approvals

- GS (G81-8000) resp. VDE/ÜG (G81-7000), CE, FCC, cURus, C-Tick, GOST-R, WHQL, Designed for Windows™ 2000 and XP

System Requirements

- PS/2 interface
- 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 read

Professional Software

- Programming physically (built-in memory) or via 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
- OPOS Support
- JavaPOS Support für Windows™ & Linux

Technical Data

- Interface:
PS/2
- Cable Length:
approx. 1.75 m
- Magnetic Stripe Reader:
Standards: ISO 7811/-12, AAAMVA, JIS
(others on request)
Reading Cycles: > 600.000 Card Swipes
Swipe speed: 3 - 125 inch/s at 75 Bit/inch
3 - 50 inch/s at 210 Bit/inch
Data is decoded to scancodes and transmitted
via PS/2 interface (like standard key presses)
- Barcode Decoder (optional):
Decodable Barcodes:
EAN/UPC
Code 39
Code 128
Codabar
Interleaved 2/5
Industrial 2/5
Matrix 2/5
Code 93
Code 11
Code16k
MSI
Plessey
(others on request)
Data is decoded to scancodes and transmitted
via PS/2 interface (like standard key presses)
Barcode Ports: 6-pin DIN 240 plug
on the right side
9-pin SUB-D plug
at the right rear
(independent of each other)
- Number of Keys:
104 = international layout with Windows™ keys
105 = European layout with Windows™ keys
- Weight:
G81-7000:
approx. 1650 g (without packaging)
approx. 2050 g (incl. packaging)
G81-8000:
approx. 1800 g (without packaging)
approx. 2250 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 million operations
- Current Consumption:
typ. 35 mA
- Reliability:
MCBF > 10⁹ 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>Barcode Decoder Interface</i>	<i>Colour</i>
Compact Version			
G81-7000LP A_{xx} -0	1+2+3	2	light grey
G81-7000LP A_{xx} -2	1+2+3	2	black
G81-7000LP B_{xx} -0	1+2	-	light grey
G81-7000LP B_{xx} -2	1+2	-	black
G81-7000LP C_{xx} -0	1+2	2	light grey
G81-7000LP C_{xx} -2	1+2	2	black
G81-7000LP D_{xx} -0	1+2+3	-	light grey
G81-7000LP D_{xx} -2	1+2+3	-	black
Standard Version			
G81-8000LP A_{xx} -0	1+2+3	2	light grey
G81-8000LP A_{xx} -2	1+2+3	2	black
G81-8000LP B_{xx} -0	1+2	-	light grey
G81-8000LP B_{xx} -2	1+2	-	black
G81-8000LP C_{xx} -0	1+2	2	light grey
G81-8000LP C_{xx} -2	1+2	2	black
G81-8000LP D_{xx} -0	1+2+3	-	light grey
G81-8000LP D_{xx} -2	1+2+3	-	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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