

## Advanced Performance Line

# MultiBoard G81-7000 / G81-8000

PS/2 version

Programmable keyboard with integrated  
Magnetic Card Reader and optional Barcode Decoder



MultiBoard G81-7000



MultiBoard G81-8000

## Key Benefits

- Cherry FTSC key technology
- Programmable Magnetic Card Reader
- 43 programmable keys
- Programmable Barcode Decoder (optional)
- OPOS and JavaPOS support
- Client - Server support
- Software for programming & configuration
- G81-7000 as compact format

## Magnetic Card Reader

Optional 2- or 3-track reader

Standards: ISO 7811/-12, AAMVA, JIS  
others on request

Reading cycles: approx. 1 Mio.

Reading speed: 3 - 125 inch/s at 75 Bit/inch  
3 - 50 inch/s at 210 Bit/inch

Data is transformed to scancodes and transmitted  
via PS/2 interface (like standard key presses)

Header (prefix) & Terminator (suffix) of each track  
can be defined (also with extended Hex Codes)

Tracks can be activated interdependent

Supports Windows system functionalities  
(depends on operating system)

## 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)

## Approvals

CE, GS, VDE, cURus, FCC, C-Tick  
WHQL (Designed for Windows™ 2000 and XP)

## System Requirements

IBM compatible system with  
PS/2 keyboard interface

## Delivery Volume

Keyboard, Manual, CDROM

## Available Software

- Cherry Tools  
MS Windows™ 98, ME, 2000, XP
- Cherry Tools Runtime  
MS Windows™ 98, ME, 2000, XP, XPembedded
- OPOS Local Edition (OLE for Point of Sale)  
MS Windows™ 98, ME, NT4, 2000, XP, XPembedded
- OPOS Client/Server Edition  
MS Windows™ NT4, 2000, XP, XPembedded
- JavaPOS Local Edition (Java for Point of Sale)  
MS Windows™ 98, ME, NT4, 2000, XP, XPembedded  
Suse Linux V8.0 / Kernel 2.4 or higher  
IBM JRE V1.3.x and SUN JRE V1.4.x
- JavaPOS Client/Server Edition  
MS Windows™ NT4, 2000, XP, XPembedded  
Suse Linux V8.0 / Kernel 2.4 or higher  
IBM JRE V1.3.x and SUN JRE V1.4.x

## Technical Data

### Interface

PS/2 plug

### Barcode Ports

6-pin DIN 240 plug on the right side  
9-pin SUB-D plug at the right rear  
(independent of each other)

### Current Input

max. 100 mA

### Cable Length

max. 1.75 m, coiled cable

### Number of Keys

104 / 105 incl. Windows™ keys

### Operating Life Time of Single Key

> 50 million operations

### Reliability

MCBF > 10<sup>9</sup> operations  
MTBF > 100.000 hours

### 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 (approx.)

#### G81-7000

Keyboard: Width: 405 mm (17.0")  
Depth: 220 mm ( 8.7")  
Height: 64 mm ( 2.3")

Packaging: Width: 455 mm (17.9")  
Depth: 275 mm (10.8")  
Height: 72 mm ( 2.8")

#### G81-8000

Keyboard: Width: 470 mm (18.5")  
Depth: 220 mm ( 8.7")  
Height: 64 mm ( 2.3")

Packaging: Width: 520 mm (20.5")  
Depth: 280 mm (11.0")  
Height: 72 mm ( 2.8")

### Storage Temperature

-20°C to 60°C

### Operating Temperature

0°C to 50°C

### Packaging Unit

G81-7000  
34 keyboards per master carton  
2 master cartons per pallet

G81-8000  
31 keyboards per master carton  
2 master cartons per pallet

### Warranty

2 years

## Order Description

Order Number	Magnetic Card Reader Tracks	Barcode Decoder Interfaces	Color
<b>Compact version</b>			
G81-7000LPAxx-0	1+2+3	2	light gray
G81-7000LPAxx-2	1+2+3	2	black
G81-7000LPBxx-0	1+2	-	light gray
G81-7000LPBxx-2	1+2	-	black
G81-7000LPCxx-0	1+2	2	light gray
G81-7000LPCxx-2	1+2	2	black
G81-7000LPDxx-0	1+2+3	-	light gray
G81-7000LPDxx-2	1+2+3	-	black
<b>Standard version</b>			
G81-8000LPAxx-0	1+2+3	2	light gray
G81-8000LPAxx-2	1+2+3	2	black
G81-8000LPBxx-0	1+2	-	light gray
G81-8000LPBxx-2	1+2	-	black
G81-8000LPCxx-0	1+2	2	light gray
G81-8000LPCxx-2	1+2	2	black
G81-8000LPDxx-0	1+2+3	-	light gray
G81-8000LPDxx-2	1+2+3	-	black

The xx in the order number defines the country version as follows:

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

Other country versions upon request.

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 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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