

# MultiBoard G81-8000



*Models may vary from the image shown*

## **Programmable keyboard with built-in magnetic card reader and optional barcode decoder.**

Are you looking for a robust and reliable keyboard with programmable magnetic card reader? The MultiBoard G81-8000 is the ideal solution. The keys can also be programmed individually. The keyboard offers the additional option of a programmable barcode decoder.

### Key benefits

- Mechanical individual keys with membrane contact switches (FTSC technology)
- Designed for continuous usage - over 50 million confirmations per key
- Robust and reliable
- Programmable magnetic card reader
- Optional barcode decoder. Data is converted to "scan codes" and transmitted via the PS/2 interface (like normal key operations)
- 43 programmable keys
- OPOS and JavaPOS for Windows® and Linux, client-server architectures supported
- Efficient configuration with professional Cherry Tools Software
- Integrated memory

### Magnetic Stripe Reader

- 3-track reader
- Freely-programmable header and terminator per magnetic card track
- Acoustic signal can be activated or deactivated and sounds when the magnetic card has been read successfully

## **Technical Data:**

### **Country layout / language:**

104 International key layout

### **Total weight (product)**

approx. 1950 g

approx. 4.30 lbs

### **Total weight (with packaging)**

approx. 2300 g

approx. 5.07 lbs

### **Cable length:**

approx. 1.75 m

### **Storage Temperature:**

-20 °C to 60 °C

-4 °F to 140 °F

### **Operating temperature:**

0 °C to 50 °C

32 °F to 122 °F

### **Current Consumption:**

Typ. 35 mA (PS/2)

Typ. 45 mA (USB)

### **Interface:**

PS/2 or USB 2.0

### **Connection sockets (optional, see table):**

9-pin SUB-D plug

6-pin DIN 240° socket

### **Dimensions (product):**

approx. 405 x 220 x 64 mm (keyboard)

approx. 15.9 x 10.63 x 2.52 inches

### **Dimensions (packaging):**

approx. 455 x 277 x 72 mm

approx. 17.9 x 10.9 x 2.83 inches

### **Reliability:**

MTBF > 100.000 hours

MCBF > 10 billion operation

### **Barcode Decoding Formats Supported:**

EAN/UPC, Code 39, Code 128, Codabar

Interleave 2/5, Industrial 2/5, Matrix 2/5

Code 93, Code 11, Code 16k, MSI Plessey

### **Keyboard :**

Key technology FTSC

Service life, standard key :>50 million key operations

Operation characteristics: Linear

Inscription technology: Laser

Inscription layout: EU - International

Number of keys: 104



## Technical Data (continued):

### Magnetic Stripe Reader:

Magnetic card tracks: Track 1, Track 2, Track 3  
Magnetic card standards: ISO 7811/-12, JIS 1/2, AAMVA, Gemini  
Reader head: up to 1 million cycles  
Reader speed: 3-125 inch/s at 75 Bit/inch  
3-50 inch/s at 210 Bit/inch

### Packaging unit:

Number of products in the master packaging  
34keyboards  
Number of master packages per pallet 2

### Approvals:

CE, GS, VDE, cURus, FCC, C-Tick, VCCI, BSMI  
(USB only), WHQL

### Warranty:

3 years

### Available Software:

#### CHERRY Tool:

MS Windows™, 2000, XP, Vista, Windows 7

#### CHERRY Tools Runtime:

MS Windows™, 2000, XP, XP Embedded, Vista, Windows 7

#### OPOS Local Edition (OLE for Point of Sale):

MS Windows™, 2000, XP, XP Embedded, Vista, Windows 7

#### OPOS Client/Server Edition:

MS Windows™, 2000, XP, XP Embedded, Vista, Windows 7

#### JavaPOS Local Edition:

MS Windows™, 2000, XP, XP Embedded, Vista, Windows 7, 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™, 2000, XP, XP Embedded, Vista, Windows 7, Suse Linux B8.0 / Kernel 2.4 or higher  
IBM JRE V1.3.x and Sun JRE V1.4.x

Errors, technical changes and delivery possibilities accepted. Technical information refers only to the specifications of the products. Features may differ from the information provided.

## Order Description

Order Number	Interface	Number of Keys	Barcode Reader Ports	Color
G81-7000LPAUS-0	PS/2	104	2	Light grey
G81-7000LPAUS-2	PS/2	104	2	Black
G81-7000LPDUS-0	PS/2	104	0	Light grey
G81-7000LPDUS-2	PS/2	104	0	Black
G81-7000LUEU-0	USB	104	0	Light grey
G81-7000LUEU-2	USB	104	0	Black

(Possible country/layout versions, others available on 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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CHERRY:

G81-8000HUBUS-2