

# MultiBoard G81-7000



*Models may vary from the image shown*

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

Our magnetic card reader keyboards G81-7000 offer the functions of a keyboard and magnetic card reader in one single data entry system. These keyboards are ideal for recording all data via magnetic cards and barcodes - such as in the hotel and catering business, the travel industry or in banks and insurance companies.

## Key benefits

- Mechanical individual keys with membrane contact switches (FTSC technology)
- Designed for continuous usage - over 50 mill. 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
- Increased security during card processing due to the programming of extended hex codes
- 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. 1650 g  
approx. 3.64 lbs

### Total weight (with packaging)

approx. 2000 g  
approx. 4.41 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 8.66 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

# MultiBoard G81-7000



## Technical Data (continued):

### Magnetic Stripe Reader:

Magnetic card tracks: Track 1, Track 2, Track 3  
Magnetic card standards: ISO 7811/-12, JIS, AAMVA, Gemini  
PCI DSS 3.0 compliant

### Packaging unit:

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

Reader head: up to 1 million cycles  
Reader speed: 3-125 inches at 75 Bit/inch  
3-50 inches at 210 Bit/inch

### Approvals:

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

### Warranty:

3 years

## Order Description

### 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.

<i>Order Number</i>	<i>Interface</i>	<i>Number of Keys</i>	<i>Barcode Reader Ports</i>	<i>Color</i>
G81-7000LPAUS-2	PS/2	104	2	Black
G81-7000LPDUS-2	PS/2	104	0	Black
G81-7000LUVU-2	USB	104	0	Black

(Possible country/layout versions, others available on request)

ZF Electronic Systems Pleasant Prairie, LLC  
11200 88th Avenue  
Pleasant Prairie, WI 53158  
USA  
Phone: 262.942.6500  
Internet: [www.cherrycorp.com](http://www.cherrycorp.com)

Sales: 262.942.6562  
E-Mail: [cep\\_sales@zf.com](mailto:cep_sales@zf.com)  
Fax: 262.942.6566

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.

© 2013 ZF Electronic Systems Pleasant Prairie, LLC  
Last update: Feb. 13, 2014