

Point of Sale

G81-8000 Series POS Keyboards



**Multifunctional Keyboards
with Magnetic Card Reader
for Commercial Applications**



Main Applications

Point of Sale

- Retail
- Hospitality
- Airlines
- Postal Services
- Car Rentals

Point of Transactions/Service

- Banking
- Government
- Healthcare
- Education
- Transportation

Key Features

- Full Size Keyboard Layout.
- Mechanical Keyswitches are Rated at 50 Million Actuations to Withstand Harsh Environments and Ensure Long Product Lifetime.
- Full US 104 Position Key Layout
- Available with PS/2 and USB Interface
- 43 Freely Programmable Keys for Easy Layout Configuration
- High Performance Magnetic Stripe Reader with Freely Programmable Headers and Terminators for Each Track
- Selection of Non-keyboard Hexcodes Enhances Security for Credit Card Processing (USB)
- Free Parsing and Configuration of Magnetic Stripe Data Stream (USB)
- Powerful 'Cherry Tools' Configuration Software Enhances Functionalities when Switching into 'Virtual Programming Mode' and Allows for Quick Product Setup & Configuration

- Easy Configuration File Transfer with Windows Explorer
- UPOS Drivers for Windows and Linux Support of Client-Server architectures
- Remote Network Installation with 'Cherry Tools' Runtime Version (USB)

Options

- 2 USB Downstream Ports (USB)
- 6&9 Pin Ports for Barcode Scanner (PS/2)
- 3-Track Magnetic Card Reader

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G81-8000 Series POS Keyboards

Part Number Legend

G81-8000
MultiBoard



G81-8000
MultiBoard



Main Part Numbers cont.

G81-8000LPAUS-2

Black PS/2 keyboard with 3-track magnetic stripe reader and 2 barcode reader ports, US 104 position key layout. Mechanical keyswitches with laser etched keycaps, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-8000LUEU-2

Black USB keyboard with 3-track magnetic stripe reader and US 104 position key layout. Mechanical keyswitches with laser etched keycaps, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-8000LPAUS-0

Light grey PS/2 keyboard with 3-track magnetic stripe reader and 2 barcode reader ports, US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-8000LPDUS-0

Light grey PS/2 keyboard with 3-track magnetic stripe reader, US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-8000LPDUS-2

Black PS/2 keyboard with 3-track magnetic stripe reader and US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers. Laser etched keys.

G81-8000LPAUS-2

Black PS/2 keyboard with 3-track magnetic stripe reader and two barcode reader ports, US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-8000LUEU-0

Light grey USB keyboard with 3-track magnetic stripe reader and US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

Additional product versions on request.



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Technical Data

Interface

PS/2, USB 2.0

Current Input

max. 100 mA (PS/2)
max. 400 mA (USB)

Magnetic Strip Reader

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

Reader head:
up to 1 million cycles

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

Data is decoded to keyboard scancodes.

Barcode Ports

6-pin DIN 240 plug (right side)
9-pin SUB-D plug (right rear)

Touchpad

Resolution: 1000 dpi
Two switch-activated mouse buttons

Barcode Decoder

Data is decoded to keyboard
scancodes. Supported barcode
formats are:

EAN/UPC, Code 39, Code 128, Codabar

Interleaved 2/5, Industrial 2/5, Matrix 2/5

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

Cable Length

Approx. 1.75 m

Key Layout

Full size 104 position US key layout
including Windows keys

Weight (without/with packaging)

1800/2050 kg

Dimension

470 x 220 x 64 mm (keyboard)
520 x 280 x 72 mm (packaging)

Packaging Units

31 keyboards per master carton
2 master cartons per pallet

Keyswitch Lifetime

50 million operations

Storage Temperature

-20°C to 60°C

Operating Temperature

0°C to 50°C

Available Software

Cherry Tools
MS Windows™ 98, ME, 2000, XP

Cherry Tools Runtime:
MS Windows™ 98, ME, 2000, XP
XP Embedded

OPOS Local Edition
(OLE for Point of Sale):
MS Windows™ 98, ME, NT4, 2000,
XP, XP Embedded

OPOS Client/Server Edition:
MS Windows™ NT4, 2000, XP,
XP Embedded

JavaPOS Local Edition
(Java for Point of Sale):
MS Windows™ 98, ME, NT4, 2000,
XP, XP Embedded
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™ 98, ME, NT4, 2000,
XP, XP Embedded
Suse Linux V8.0 / Kernel 2.4 or higher
IBM JRE v1.3.x and SUN JRE V1.4.x

Approvals

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

Delivery Volume

Keyboard, Manual, CDROM

Warranty

2 years

For information on repairs or
warranty status contact:
Cherry Technical Support
Phone: 800.510.1689
E-Mail: keyboardsupport@cherrycorp.com

Contact

Call, fax or visit our
website for more information.

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Cherry Electrical Products

11200 88th Avenue
Pleasant Prairie, WI 53158

Phone: 262.942.6500
Web: www.cherrycorp.com

E-Mail: sales@cherrycorp.com
Fax: 262.942.6566

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liability for errors or non-availability,
and reserves the right to change
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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.