

Point of Sale

G80-8113 Series POS Keyboards



**Multifunctional Keyboards with
Magnetic Card Reader, Pointing
Device and Enhanced Key Layout
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

- Enhanced US 120 Position Key Layout
- 59 Programmable and 41 Relegendable Keys for Easy Layout Configuration and Quick Function Calls
- Available with PS/2 and USB Interface
- Touchpad Ensures Easy Cursor Navigation at Minimal Desktop Surface
- MX Gold Crosspoint Keyswitches Exceed 50 Million Operations to Withstand Harsh Environments and Ensure Long Product Lifetime
- 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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G80-8113 Series POS Keyboards

Part Number Legend



G80-8113

Main Part Numbers

G80-8113LRDUS-2

Black PS/2 keyboard with 3-track magnetic stripe reader and touchpad. US 120 position key layout with 16 additional keys, two PS/2 connectors. MX gold crosspoint keyswitches with laser etched keycaps, 59 programmable and 41 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G80-8113LRAUS-2

Black PS/2 keyboard with 3-track magnetic stripe reader, touchpad and 2 barcode reader ports. US 120 position key layout with 16 additional keys, two PS/2 connectors. MX gold crosspoint keyswitches, 59 programmable and 41 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers. Laser etched keys.

G80-8113LRDUS-0

Light Grey PS/2 keyboard with 3 track magnetic stripe reader, touchpad. US 120 position key layout with 16 additional keys, two PS/2 connectors. MX gold crosspoint keyswitches, 59 programmable and 41 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G80-8113LUAUS-0

Light grey USB keyboard with 3-track magnetic stripe reader, touchpad and 2 downstream ports. US 120 position key layout with 16 additional keys. MX gold crosspoint keyswitches, 59 programmable and 41 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G80-8113LUBUS-2

Black USB keyboard with 2-track magnetic stripe reader, touchpad and 2 downstream ports. US 120 position key layout with 16 additional keys. MX gold crosspoint keyswitches, 59 programmable and 41 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G80-8113LUAUS-2

Black USB keyboard with 3-track magnetic stripe reader, touchpad and 2 downstream ports. US 120 position key layout with 16 additional keys. MX gold crosspoint keyswitches, 59 programmable and 41 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers. Laser etched keys.

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, Code16k, MSI,
Plessey

RS232 Port

9-pin SUB-D plug (center rear)

USB Downstream Ports

USB 2.0, bus powered. Current output
max. 100 mA per downstream port

Cable Length

approx. 1.75 m

Key Layout

Full size 104 position US key layout
including Windows keys

Weight

approx. 1600 g (without packaging)
approx. 2000 g (incl. packaging)

Dimensions

approx. 470 x 220 x 64 mm (keyboard)
approx. 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™ 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

Agency 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

3 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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Technical data relates to product
specifications only. Features may
differ from those described.
Only drawings combined with
product specifications shall be
deemed binding.