

# G80-8113



**Multifunctional, programmable PS/2 keyboard with integrated Touchpad and Barcode-Decode.  
For commercial uses with all applications requiring versatile and robust keyboards.**



## Facts & Features

- Single mechanical keys with Gold Crosspoint contacts (CHERRY MX Modules)
- Designed for continuous use > 50 Million key presses
- Robust and reliable
- Integrated Touchpad
- Programmable Magnetic Stripe Reader
- Optional programmable Barcode-Decoder
- Expanded 120 / 121 position key layout
- 59 programmable keys (41 relegendable)
- Integrated memory
- Efficient configuration with professional 'CHERRY-Tools' software
- OPOS and JavaPOS for Windows™ and Linux, support of Client-Server architectures

### Agency Approvals / Instructions

- CE, VDE/GS, FCC Class B, cURus, C-Tick, Microsoft® WHQL, (BSMI USB only)

### System Requirements

- PS/2 and USB interfaces for keyboard and touchpad
- Operating system depending on software to be used

### Technical Data

- **Interface:** 2 x PS/2, USB 2.0
- **Cable Length:** Approx. 1.75 m
- **Magnetic Stripe Reader:**  
Standards: ISO 7811/12, AAAMVA, JIS (others on request)  
PCI DSS 3.0 Compliant  
Reading Cycles: Up to 1 Million Card Swipes  
Swipe speed: 3-125 inch/s at 75 Bit/inch  
3- 50 inch/s at 210 Bit/inch

### Magnetic Stripe Reader

- 3-track reader
- Freely-programmable Header and Terminator
- Adjustable transmission of start/stop characters (sentinels)
- Switchable audible indication of Magnetic Stripe Card good read

### Touchpad

- Resolution: 1000 dpi
- 2 switch-activated mouse buttons

### Professional Software

- Programming physically (built-in memory) or via software macros with powerful configuration software 'CHERRY Tools'
- Plug 'n' Play configuration
- UPOS support for Windows™ and Linux; Support of Client-Server architectures
- Support Windows™ system functionalities
- Easy configuration file transfer with Windows™ Explorer
- Remote Network and immediate installation with 'CHERRY Tools Runtime' version

### Delivery Volume

- 1 MultiBoard Keyboard
- Printed Manual
- 1 CD ROM

**Warranty** 3 Years

### Software

- CHERRY Tools
- CHERRY Tools Runtime Edition
- Magnetic Stripe Reader Support for Linux
- OPOS Support
- **Key Layout**  
120 = international layout with Windows™ keys
- **Weight (without/with packaging)**  
Approx. 1950 g / 4.29 lbs (without packaging)  
Approx. 2300 g / 5.07 lbs (with packaging)

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## Technical Data (continued):

- **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, Code 16k, MSI, Plessey, (others on request)

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

Only available via PS/2 interface

Barcode ports: 6-pin DIN 240 Plug  
On the right side  
9-pin SUB-D plug (RS-232)  
At the right rear  
(independent of each other)

- **Dimensions**

Keyboard: 470 x 220 x 64 mm  
Keyboard: 18.5 x 8.66 x 2.52 inches  
Packaging: 521 x 277 x 72 mm  
Packaging: 20.51 x 10.9 x 2.83 inches

- **Reliability:**

MCBF > 10<sup>9</sup> operations  
MTBF > 100 000 hours

- **Current consumption:**

USB typ. 35 mA  
PS/2 max 100 mA

- **Keyswitch Lifetime:**

50 million operations

- **Operating Temperature:**

0°C to 50°C

- **Storage Temperature:**

-20°C to 60°C

- **Packaging Unit:**

31 keyboards per master carton  
2 master cartons per pallet

## Order Description

<i>Order Number</i>	<i>Interface</i>	<i>Color</i>	<i>MSR</i>	<i>Barcode Decoder Interfaces</i>
G80-8113LRAUS-0	PS/2	Lt. Grey	1+2+3 tracks	2
G80-8113LRAUS-2	PS/2	Black	1+2+3 tracks	2
G80-8113LRDUS-0	PS/2	Lt. Grey	1+2+3 tracks	
G80-8113LRDUS-2	PS/2	Black	1+2+3 tracks	
G80-8113LUVEU-2	USB	Black	1+2+3 tracks	

Available in various country versions upon request.

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