

# G80-8113

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



## Magnetic Stripe Reader

- 3-track reader
- Freely-programmable Header and Terminator
- Adjustable transmission of start/stop characters (sentinels)
- Enhanced card processing security with selection of non-keyboard hex codes
- Switchable audible indication of Magnetic Stripe

## 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

## 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

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

- **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)

- **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)

- **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 |                                   |
| G80-8113LUEU-2      | USB              | Lt. Grey     | 1+2+3 tracks |                                   |
| G80-8113LUEU-2      | USB              | Black        | 1+2+3 tracks |                                   |

Available in various country versions upon 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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