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 WindowsTM 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

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

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

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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 > 10^9 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

Order Number	Interface	Color	MSR	Barcode Decoder Interfaces
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	Lt. Grey	1+2+3 tracks	
G80-8113LUVEU-2	USB	Black	1+2+3 tracks	

Available in various country versions upon request.

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