

Advanced Performance Line **MultiBoard G80-8200**

USB version

Programmable USB keyboard with integrated
Magnetic Card Reader, expanded layout and two USB ports



Key Benefits

Cherry MX key technology
with Gold Crosspoint contacts
Programmable Magnetic Card Reader
Expanded layout (120 / 121 keys)
59 programmable keys (thereof 48 relegendable)
Two USB downstream ports at the right rear
OPOS and JavaPOS support
Client - Server support
Software for programming & configuration

Magnetic Card Reader

Optional 2- or 3-track reader

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

Reading cycles: approx. 1 Mio.

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

Operating and decoding via software

Header (prefix) & Terminator (suffix) of each track
can be defined (also with extended Hex Codes)

Tracks can be activated interdependent

Adjustable transmission of start and stop
characters (sentinel)

Free selectable output order of the tracks

Parsing of data:

- replace characters with others (per track)
- filter of particular characters
(e.g. Byte 1 and 4-8) within a track

Supports Windows system functionalities
(depends on operating system)

Approvals

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

System Requirements

USB plug (1.1 or 2.0) and
USB supporting operating system

Delivery Volume

Keyboard, Manual, CDROM

Available Software

- Cherry Tools
MS Windows™ 98, ME, 2000, XP
- Cherry Tools Runtime
MS Windows™ 98, ME, 2000, XP, XPembedded
- OPOS Local Edition (OLE for Point of Sale)
MS Windows™ 98, ME, NT4, 2000, XP, XPembedded
- OPOS Client/Server Edition
MS Windows™ NT4, 2000, XP, XPembedded
- JavaPOS Local Edition (Java for Point of Sale)
MS Windows™ 98, ME, NT4, 2000, XP, XPembedded
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, XPembedded
Suse Linux V8.0 / Kernel 2.4 or higher
IBM JRE V1.3.x and SUN JRE V1.4.x

Technical Data

Interface

USB 2.0, full speed (1.1 compatible)

Ports

Two USB downstream ports at the right rear
USB 2.0, full speed (1.1 compatible)

Current Input

max. 400 mA

Current Output

max. 100 mA per downstream port

Cable Length

approx 1.75 m

Number of Keys

120 / 121 incl. Windows™ keys,
thereof 48 relegendable

Operating Life Time of Single Key

> 50 million operations

Weight

approx. 1350 g (without packaging)
approx. 1800 g (incl. packaging)

Dimensions (approx.)

Keyboard: Width: 470 mm (18.5")
 Depth: 220 mm (8.7")
 Height: 64 mm (2.3")

Packaging: Width: 520 mm (20.5")
 Depth: 280 mm (11.0")
 Height: 72 mm (2.8")

Reliability

MCBF > 10⁹ operations
MTBF > 100.000 hours

Storage Temperature

-20°C to 60°C

Operating Temperature

0°C to 50°C

Packaging Unit

31 keyboards per master carton
2 master cartons per pallet

Warranty

2 years

Order Description

Order Number	Magnetic Card Reader Tracks	USB Hub Ports	Color
G80-8200LUAx-0	1+2+3	2	light gray
G80-8200LUAx-2	1+2+3	2	black
G80-8200LUBx-0	1+2	2	light gray
G80-8200LUBx-2	1+2	2	black

The xx in the order number defines the country version as follows:

BE	Belgium
CH	Switzerland
DE	Germany
DK	Denmark
ES	Spain
EU	US English / international with €
FR	France
GB	English (UK)
IT	Italy
NO	Norway
PO	Portugal
SF	Sweden/ Finland
US	English (US)

Other country versions upon request.

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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.

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