

MultiBoard G81-7000 / G81-8000

PS/2 version

Programmable keyboard with integrated Magnetic Card Reader and optional Barcode Decoder



MultiBoard G81-7000



MultiBoard G81-8000

Key Benefits

- Cherry FTSC key technology
- Programmable Magnetic Card Reader
- 43 programmable keys
- Programmable Barcode Decoder (optional)
- OPOS and JavaPOS support
- Client - Server support
- Software for programming & configuration
- Full Size and compact version available

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

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

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

Tracks can be activated interdependent

Supports Windows system functionalities (depends on operating system)

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, Code16k, MSI, Plessey (others on request)

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

Approvals

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

System Requirements

IBM compatible system with
PS/2 keyboard interface

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

PS/2 plug

Barcode Ports

6-pin DIN 240 plug on the right side
9-pin SUB-D plug at the right rear
(independent of each other)

Current Input

max. 100 mA

Cable Length

max. 1.75 m, coiled cable

Number of Keys

104 / 105 incl. Windows™ keys

Operating Life Time of Single Key

> 50 million operations

Reliability

MCBF > 10⁹ operations
MTBF > 100.000 hours

Weight

G81-7000

approx. 1650 g (without packaging)
approx. 2050 g (incl. packaging)

G81-8000

approx. 1800 g (without packaging)
approx. 2250 g (incl. packaging)

Dimensions (approx.)

G81-7000

Keyboard: Width: 405 mm (16.0")
Depth: 220 mm (8.7")
Height: 64 mm (2.5")

Packaging: Width: 455 mm (17.9")
Depth: 275 mm (10.8")
Height: 72 mm (2.8")

G81-8000

Keyboard: Width: 470 mm (18.5")
Depth: 220 mm (8.7")
Height: 64 mm (2.5")

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

Storage Temperature

-20°C to 60°C

Operating Temperature

0°C to 50°C

Packaging Unit

G81-7000

34 keyboards per master carton
2 master cartons per pallet

G81-8000

31 keyboards per master carton
2 master cartons per pallet

Warranty

2 years

Order Description

| Order Number | Magnetic Card Reader Tracks | Barcode Decoder Interfaces | Color |
|-------------------------|-----------------------------|----------------------------|------------|
| Compact version | | | |
| G81-7000LPAxx-0 | 1+2+3 | 2 | light gray |
| G81-7000LPAxx-2 | 1+2+3 | 2 | black |
| G81-7000LPBxx-0 | 1+2 | - | light gray |
| G81-7000LPBxx-2 | 1+2 | - | black |
| G81-7000LPCxx-0 | 1+2 | 2 | light gray |
| G81-7000LPCxx-2 | 1+2 | 2 | black |
| G81-7000LPDxx-0 | 1+2+3 | - | light gray |
| G81-7000LPDxx-2 | 1+2+3 | - | black |
| Standard version | | | |
| G81-8000LPAxx-0 | 1+2+3 | 2 | light gray |
| G81-8000LPAxx-2 | 1+2+3 | 2 | black |
| G81-8000LPBxx-0 | 1+2 | - | light gray |
| G81-8000LPBxx-2 | 1+2 | - | black |
| G81-8000LPCxx-0 | 1+2 | 2 | light gray |
| G81-8000LPCxx-2 | 1+2 | 2 | black |
| G81-8000LPDxx-0 | 1+2+3 | - | light gray |
| G81-8000LPDxx-2 | 1+2+3 | - | 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.

Cherry GmbH
 Cherrystraße
 91275 Auerbach/Opf.
 Germany
 Phone: +49 9643 18 0
 Internet: www.cherry.de
www.cherrycorp.com

Sales: +49 1805 243779 (+49 1805 CHERRY)
 E-Mail: sales@cherry.de
 Fax: +49 9643 18 1545

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.

© 2005 Cherry GmbH