

MultiBoard G81-7000 / G81-8000

Multifunctional, programmable USB keyboards with integrated Magnetic Stripe Reader. For commercial use and all other applications requiring a versatile and robust keyboard fulfilling the highest expectations to alphanumeric data entry. G81-7000 with space-efficient 405 mm width.



MultiBoard G81-7000



MultiBoard G81-8000

Main Applications

Point of Service

Retail Industry

Hotels

Banks

Airlines

Postal Services

Travel Agencies

Car Rental

Features

- Single mechanical keys
Cherry FTSC modules
(> 50 million keypresses)
- Robust and reliable
- Integrated Magnetic Stripe Reader
- 104/105 position key layouts
- 43 programmable keys
- Efficient configuration with powerful 'Cherry Tools' software
- OPOS and JavaPOS support
for Windows and Linux
- Support of Client-Server architectures
- Two USB downstream ports at the right rear
- Multiple languages available
- Colours black or light grey

Magnetic Stripe Reader

2- or 3-track reader

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

Reader head: up to 1 Mio. reading cycles

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

Freely programmable Headers and
Terminators for each track

Free parsing and configuration of Magnetic
Stripe data stream

Enhanced security by selection of non-
keyboard hex-codes

Adjustable transmission of start and stop
characters (sentinels)

Free selectable output order of the tracks

Easy configuration file transfer with Windows™
Explorer

Supports Windows system functionalities

Agency 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

Software

- Cherry Tools
MS Windows™ 98, ME, 2000, XP
- Cherry Tools Runtime
MS Windows™ 98, ME, 2000, XP, XPembedded
- Magnetic Stripe Reader Driver for Linux
Linux Kernel 2.4 or higher
- OPOS Local Edition
MS Windows™ 98, ME, NT4, 2000, XP,
XPembedded
- OPOS Client/Server Edition
MS Windows™ NT4, 2000, XP, XPembedded
- JavaPOS Local Edition
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 (1.1 compatible)

Ports

Two USB downstream ports at the right rear
USB 2.0, full speed

Cable Length

approx. 1.75 m

Number of Keys

104 / 105 incl. Windows™ keys

Keyswitch Lifetime

> 50 million keypresses

Weight

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")

Current Input

max. 400 mA

Current Output

max. 100 mA per downstream port

Reliability

MCBF > 10⁹ operations

MTBF > 100.000 hours

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 Stripe Reader Tracks	Interface	Color
Compact version			
G81-7000LUAXx-0	1+2+3	USB	light grey
G81-7000LUAXx-2	1+2+3	USB	black
G81-7000LUBxx-0	1+2	USB	light grey
G81-7000LUBxx-2	1+2	USB	black
Standard version			
G81-8000LUAXx-0	1+2+3	USB	light grey
G81-8000LUAXx-2	1+2+3	USB	black
G81-8000LUBxx-0	1+2	USB	light grey
G81-8000LUBxx-2	1+2	USB	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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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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