Advanced Performance Line

Magnetic stripe card and barcode reading keyboards for credit cards, Eurocheque cards, customer loyalty cards, etc.

FTSC technology

MultiBoard G81-7000/8000 series

G81-8000

G81-8000

General

Cherry's MultiBoard keyboards 7000/8000 keyboards are a family of data input systems that combine the functions of keyboard, magnetic stripe card reader and smart barcode decoder in a single device. The integrated magnetic stripe card reader is designed as a swipe reader, capable of reading 100% of the information held on cards conforming to ISO 7812. The optional integrated barcode decoder works with all standard barcode readers such as wands, laser scanners and CCD scanners, as well as barcode swipe readers. Data is transferred between keyboard and system through the keyboard port – no other interfaces are required.
So despite the fact that each input system comprises several components (keyboard, magnetic stripe card reader, barcode decoder), only the computer's keyboard port is occupied.
The system does not need any other interfaces. Over and above features such as the expected Cherry quality and an attractive design, this integrated model represents a cost-efficient solution that needs no additional driver software. Cherry's MultiBoard system is perfect for acquiring data from magnetic stripe cards and barcodes. Various international layouts are available.

Applications

Ideal for all forms of data entry based on magnetic stripe cards or barcodes, involving e.g. credit cards or cheque cards, in the hotel or restaurant trade or in service companies, banks, insurance companies, leasing companies, airlines, travel agencies, libraries, corporations, government offices and associations.
– Point of Sale (POS)
– Production data acquisition (PDA)
– Manufacturing requirements planning(MRP)
– Product identification of incoming/outgoing goods
– Logistics
– Time and attendance recording
– Customer data acquisition

Barcode decoder

– 2 independent barcode interfaces
– Automatic recognition and decoding of the following barcodes: Code 39, Code 93, Code 128, Code 16k, Plessey, Industrial 2/5, Matrix 2/5, Codabar, Interleaved 2/5, Code 11, UPC/EAN/JAN
– Scanned data is transferred to system through keyboard interface
– Barcode reader parameters are programmable

Magnetic stripe card decoder

– Capable of reading any ISO 7812-compliant magnetic stripe card
– Up to 3 tracks can be read
– Scanned data is transferred to system through keyboard interface
– Magnetic stripe reader parameters are programmable

Programmable keys

In most of our magnetic stripe card reading keyboards, certain function keys (as described in the relevant manual) can be programmed with up to 16 characters each.
Keys can be programmed manually or with the aid of Cherry's configuration software.

Technical specifications

Temperature range:
Storage temperature:
-20 °C to +60 °C
Operating temperature:
0 °C to +50 °C

Dimensions:
7000 series:
(L x W x H) 405 x 220 x 50 mm
(Compact version)
8000 series:
(L x W x H): 470 x 220 x 50 mm
(Standard format)

Weight:
7000 series: approx. 2,050 g
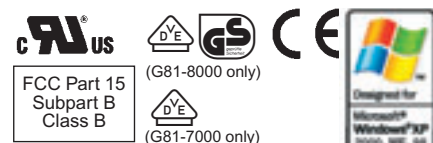8000 series: approx. 2250 g

Power supply:
5V ± 5% DC SELV
Current input:
typ. 35 mA

Connecting cable:
approx. 1.75 m long

Accessories

The enclosed CD contains a configuration software program to allow easy use of programmable functions for keyboard, barcode reader and magnetic stripe card reader.

The latest driver software is listed at http://support.cherry.de.

G80-8200

Magnetic stripe card reading keyboard with 120 keys, 59 of which are programmable.

48 keys have interchangeable keycaps.

Particularly suitable for POS applications.

Also available with mechanical key switch (G80-8212)
(L x W x H) 470 x 220 x 50 mm

G81-7000

The compact version combines the functionality of the G81-8000 with a space-efficient housing that measures just (L x W x H) 405 x 220 x 50 mm.

Stock codes

	Magnetic tracks 1+2	Magnetic tracks 1+2+3	6-pin barcode	9-pin barcode	9-pin RS 232	Keys with interchangeable symbols	Expanded keyboard layout	Coiled PS/2 cable
G81-8000 LPA..[1]		•	•	•				•
G81-8000 LPB..[1]	•							•
G81-8000 LPC..[1]	•		•	•				•
G81-8000 LPD..[1]		•						•
G81-7000 LPA..[1]		•	•	•				•
G81-7000 LPB..[1]	•							•
G81-7000 LPC..[1]	•		•	•				•
G81-7000 LPD..[1]		•						•
G81-7000 LPH..[1]	•		•	•	•	•		•
G80-8200 LPA..[1]	•		•	•		•	•	•
G80-8200 LPB..[1]	•					•	•	•
G80-8200 LPE..[1]		•	•	•		•	•	•

Additional configurations on request.
Most of the keyboards are also available in black.

[1] **International layouts**

BE	=	Belgian
CH	=	Swiss
DE	=	German
DK	=	Danish
ES	=	Spanish
FR	=	French
GB	=	English (UK)
EU	=	English (US)
SL	=	SI/HR/YU/BiH
IT	=	Italian
NO	=	Norwegian
SF	=	Swedish/Finnish

Other versions available on request.