

## MultiBoard G81-8000



Models may vary from the image shown

**Programmable compact keyboard with built-in magnetic card reader and optional barcode decoder.**

Are you looking for a robust and reliable keyboard with programmable magnetic card reader? The MultiBoard G81-8000 is the ideal solution. The keys can also be programmed individually. The keyboard offers the additional option of a programmable barcode decoder.

### Key benefits

- Mechanical individual keys with membrane contact switches (FTSC technology)
- Designed for continuous usage - over 50 mill. confirmations per key
- Robust and reliable
- Programmable magnetic card reader
- Optional barcode decoder. Data is converted to "scan codes" and transmitted via the PS/2 interface (like normal key operations)
- 43 programmable keys
- OPOS and JavaPOS for Windows® and Linux, client-server architectures supported
- Efficient configuration with professional Cherry Tools Software
- Integrated memory

### Magnetic Stripe Reader

- 3-track reader
- Freely-programmable header and terminator per magnetic card track
- Increased security during card processing due to the programming of extended hex codes
- Acoustic signal can be deactivated or activated to sound following successful reading of the magnetic card

### Technical Data:

#### Layout (country or language):

Product dependant, see table "Models"

#### Housing colour:

Product dependant, see table "Models"

#### Key colour:

Product dependant, see table "Models"

#### Weight (product):

approx. 1950 g

#### Total weight (with packaging):

approx. 2300 g

#### Cable Length:

approx. 1.75 m

#### Storage Temperature:

-20°C to 60°C

#### Operating Temperature:

0°C to 50°C

#### Current Consumption:

typ. 35 mA






#### Interface:

- PS/2

#### Connection sockets (optional, see table "Models"):

- 9-pin SUB-D plug
- 6-pin DIN 240° socket

#### Product approvals:

- cURus 
- VDE GS 
- c-tick 
- CE 
- FCC 

#### System requirements:

- PS/2 connection

#### Delivery Volume:

- MultiBoard G81-8000
- CD-ROM with up-to-date software
- Operating instructions in hard copy

#### Dimensions (product):

approx. 470 x 220 x 64 mm

#### Packaging dimensions:

approx. 521 x 277 x 72 mm

#### Reliability:

- MTBF > 100,000 hours
- MCBF > 10 bill. operations

#### Keyboard:

- Key technology: FTSC
- Service life, standard key: > 50 million key operations

- Operation characteristics: Linear
- Inscription technology: Laser
- Inscription layout: Standard
- Number of Keys: Product dependant, see table "Models"

**Magnetic Stripe Reader:**

- Magnetic card tracks: Track 1, Track 2, Track 3
- Magnetic card standards: ISO 7811/-12, JIS 1/2, AAMVA, Gemini
- Magnetic card reading speed: 8 - 318 cm/s at 30 Bit/cm, 8 - 127 cm/s at 83 Bit/cm
- Magnetic card reading cycles: approx. 600,000 reading cycles
- Magnetic card swipe direction: from right to left

**Barcode decoder (optional, see table "Models"):**

- Hardware interface: 6-pin DIN 240° socket, 9-pin SUB-D plug
- Barcode protocols: Code 11, Code 39, Code 93, Code 128, Code 16k, Plessey, Industrial 2/5, Matrix 2/5, Codabar, Interleaved 2/5, EAN/UPC, MSI

**Packaging Unit:**

- Number of products in the master package: 31
- Number of master packages per pallet: 2

**Warranty:**

2 years

Errors, technical changes and delivery possibilities excepted.  
Technical information refers only to the specifications of the products. Features may differ from the information provided.

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