

MultiBoard V2 G81-8000



Models may vary from the image shown

Freely programmable keyboard with built-in magnetic card reader

Why not determine the rules on your keyboard yourself and decide just how much independence and comfort you want! Our V2-USB keyboard models are completely programmable. The V2 G81-8000 comes with a built-in magnetic card reader and is the first choice for large volume data transmissions e.g. in the hotel and catering business, the travel sector or banks and insurance companies.

Key benefits

- Mechanical individual keys with membrane contact switches (FTSC technology)
- Designed for continuous usage - over 50 mill. confirmations per key
- Robust and reliable
- Fully programmable USB 2.0 keyboard
- 3-Track Magnetic Stripe Reader
- Integrated memory
- Statistics provided via WMI
- UPOS for Windows® and Linux; client-server architectures supported
- Efficient configuration with professional Cherry Tools Software
- On request: integrated USB hub with high-power downstream ports (500mA, self-powered, high-speed)

Magnetic Stripe Reader

- 3-track reader
- Data transfer via USB HID as keyboard scan codes (keyboard emulation; pre-setting) or optionally as raw data
- Freely-programmable header and terminator per magnetic card track
- Adjustable transmission of the start and end characters (sentinels)
- Filtering and replacement of card data
- Increased security during card processing due to the programming of extended hex codes

- Acoustic signal which can be activated following successful or unsuccessful reading of the magnetic card, signal duration can be set.
- Freely-selectable output sequence of the tracks
- Optional output of LRC bytes
- Programming and output of ALT sequences

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. 2.20 m

Storage Temperature:

-20°C to 60°C

Operating Temperature:

0°C to 50°C

Current Consumption:

typ. 45 mA, < 2.5 mA in USB Suspend Mode

Interface:

- USB

Product approvals:

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

System requirements:

- USB plug and USB supporting operating system

Delivery Volume:

- MultiBoard V2 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: Normal
- 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: up to 1 mill. reading cycles
- Magnetic card swipe direction: from right to left

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.

Models:

(possible country/layout versions, others available on request)

	Product name	Order number	Layout (country or language)	Housing colour	Key colour	Number of Keys
1	MultiBoard V2 G81-8000	G81-8000LUVBE-0	Belgium	light gray	light gray	105
2	MultiBoard V2 G81-8000	G81-8000LUVBE-2	Belgium	black	black	105
3	MultiBoard V2 G81-8000	G81-8000LUVCH-0	Switzerland	light gray	light gray	105
4	MultiBoard V2 G81-8000	G81-8000LUVCH-2	Switzerland	black	black	105
5	MultiBoard V2 G81-8000	G81-8000LUVDE-0	Germany	light gray	light gray	105
6	MultiBoard V2 G81-8000	G81-8000LUVDE-2	Germany	black	black	105
7	MultiBoard V2 G81-8000	G81-8000LUVDK-0	Denmark	light gray	light gray	105
8	MultiBoard V2 G81-8000	G81-8000LUVDK-2	Denmark	black	black	105
9	MultiBoard V2 G81-8000	G81-8000LUVES-0	Spain	light gray	light gray	105
10	MultiBoard V2 G81-8000	G81-8000LUVES-2	Spain	black	black	105
11	MultiBoard V2 G81-8000	G81-8000LUV EU-0	US English with EURO symbol	light gray	light gray	104
12	MultiBoard V2 G81-8000	G81-8000LUV EU-2	US English with EURO symbol	black	black	104
13	MultiBoard V2 G81-8000	G81-8000LUVFR-0	France	light gray	light gray	105
14	MultiBoard V2 G81-8000	G81-8000LUVFR-2	France	black	black	105
15	MultiBoard V2 G81-8000	G81-8000LUVGB-0	UK	light gray	light gray	105
16	MultiBoard V2 G81-8000	G81-8000LUVGB-2	UK	black	black	105
17	MultiBoard V2 G81-8000	G81-8000LUVIT-0	Italy	light gray	light gray	105
18	MultiBoard V2 G81-8000	G81-8000LUVIT-2	Italy	black	black	105
19	MultiBoard V2 G81-8000	G81-8000LUVNO-0	Norway	light gray	light gray	105
20	MultiBoard V2 G81-8000	G81-8000LUVNO-2	Norway	black	black	105
21	MultiBoard V2 G81-8000	G81-8000LUVPO-0	Portugal	light gray	light gray	105
22	MultiBoard V2 G81-8000	G81-8000LUVPO-2	Portugal	black	black	105
23	MultiBoard V2 G81-8000	G81-8000LUVSF-0	Sweden / Finland	light gray	light gray	105
24	MultiBoard V2 G81-8000	G81-8000LUVSF-2	Sweden / Finland	black	black	105