

MultiBoard V2 G81-8040



Models may vary from the image shown

Freely programmable compact keyboard with magnetic card reader and chip 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 G81-8040 can be used with standard magnetic and chipcard readers as required. Slightly larger than its sister model 7040, the 8040 offers added comfort throughout the range of functions.

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
- PC/SC chip card terminal with high-quality landing contacts
- 3-Track Magnetic Stripe Reader
- Programming type can be selected: physically (internal memory) or via software macros using "Cherry Tools" software
- 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. 190 mA, < 2.5 mA in USB Suspend Mode

Interface:

- USB

Product approvals:

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

System requirements:

- USB plug and USB supporting operating system

Delivery Volume:

- MultiBoard V2 G81-8040
- 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"

Smartcard-Reader:

- Type: Mechanical
- Hardware interface: USB
- Agency Approvals: EMV 2000 Level 1
- Chip-card protocols: T=0, T=1, S=8, S=9, S=10
- Contact: mechanical landing contacts
- Software interface: CT-API, PC/SC, OCF
- Mating cycles: > 200,000 operations
- Compatible chip card types: Reads and writes on all ISO 7816 cards
- Transmission speed reader <==> card: max. 420 kBit/s
- Transmission speed reader <==> system: max. 12 MBit/s

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 G81-8040	G81-8040LUVBE-0	Belgium	light grey	light grey	105
2	MultiBoard V2 G81-8040	G81-8040LUVBE-2	Belgium	black	black	105
3	MultiBoard V2 G81-8040	G81-8040LUVCH-0	Switzerland	light grey	light grey	105
4	MultiBoard V2 G81-8040	G81-8040LUVCH-2	Switzerland	black	black	105
5	MultiBoard V2 G81-8040	G81-8040LUVDE-0	Germany	light grey	light grey	105
6	MultiBoard V2 G81-8040	G81-8040LUVDE-2	Germany	black	black	105
7	MultiBoard V2 G81-8040	G81-8040LUVDK-0	Denmark	light grey	light grey	105
8	MultiBoard V2 G81-8040	G81-8040LUVDK-2	Denmark	black	black	105
9	MultiBoard V2 G81-8040	G81-8040LUVES-0	Spain	light grey	light grey	105
10	MultiBoard V2 G81-8040	G81-8040LUVES-2	Spain	black	black	105
11	MultiBoard V2 G81-8040	G81-8040LUV EU-0	US English with EURO symbol	light grey	light grey	104
12	MultiBoard V2 G81-8040	G81-8040LUV EU-2	US English with EURO symbol	black	black	104
13	MultiBoard V2 G81-8040	G81-8040LUVFR-0	France	light grey	light grey	105
14	MultiBoard V2 G81-8040	G81-8040LUVFR-2	France	black	black	105
15	MultiBoard V2 G81-8040	G81-8040LUVGB-0	UK	light grey	light grey	105
16	MultiBoard V2 G81-8040	G81-8040LUVGB-2	UK	black	black	105
17	MultiBoard V2 G81-8040	G81-8040LUVIT-0	Italy	light grey	light grey	105
18	MultiBoard V2 G81-8040	G81-8040LUVIT-2	Italy	black	black	105
19	MultiBoard V2 G81-8040	G81-8040LUVNO-0	Norway	light grey	light grey	105
20	MultiBoard V2 G81-8040	G81-8040LUVNO-2	Norway	black	black	105
21	MultiBoard V2 G81-8040	G81-8040LUVPO-0	Portugal	light grey	light grey	105
22	MultiBoard V2 G81-8040	G81-8040LUVPO-2	Portugal	black	black	105
23	MultiBoard V2 G81-8040	G81-8040LUVSF-0	Sweden / Finland	light grey	light grey	105
24	MultiBoard V2 G81-8040	G81-8040LUVSF-2	Sweden / Finland	black	black	105