MultiBoard MX V2 G80-7040



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 compact keyboard yourself and decide just how much independence and comfort you want! Our V2-USB keyboard models are completely programmable. The MX V2 G80-7040 can be used with standard magnetic and chipcard readers as required. This multi-talented device is a must-have for all data transfer applications - despite the amazingly compact design.

Key benefits

- Individual keys with Gold Crosspoint contacts (MX 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):
(possible country/layout versions, others available on request)
US English with EURO symbol

Housing colour:
black

Key colour:
black

Weight (product):
approx. 1260 g

Total weight (with packaging):
approx. 1625 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
- c-tick
- VCCI
- CE
- FCC
- VDE

System requirements:
- USB plug and USB supporting operating system

Delivery Volume:
- MultiBoard MX V2 G80-7040
- Operating instructions in hard copy

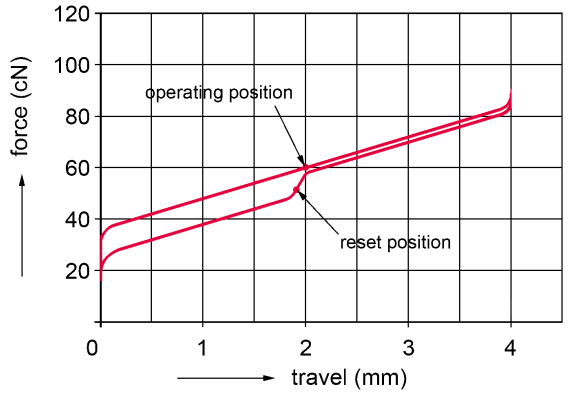
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Dimensions (product):
approx. 405 x 220 x 64 mm

Packaging dimensions:
approx. 455 x 277 x 72 mm

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

Keyboard:
- Key technology: MX
- Service life, standard key: > 50 million key operations
- Operation characteristics: BLACK SWITCH Linear (60 cN)



- Inscription technology: Laser
- Inscription layout: Standard
- Number of Keys: 104

Smart card reader:
- Type: Mechanical
- Hardware interface: USB
- Agency Approvals: EMVCo Level 1 compliant
- 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: 34
- 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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Models:

	Product name	Order number
1	MultiBoard MX V2 G80-7040	G80-7040LUVEU-2

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