

## CHERRY MultiBoard MX V2 G80-7044



Models may vary from the image shown

**Freely programmable compact keyboard with magnetic card reader and chip card reader**

### Key Benefits

- Individual keys with Gold Crosspoint contacts (MX technology)
- Designed for continuous usage - over 50 mill. actuations 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 Color:

black

#### Key Color:

black

#### Weight (product):

approx. 1260 g / approx. 2.78 lb

#### Total Weight (with packaging):

approx. 1625 g / approx. 3.58 lb

#### Cable Length:

approx. 2.20 m / approx. 7.22 ft

#### Storage Temperature:

-20°C to 60°C / -4° F to 140° F

#### Operating Temperature:

0°C to 50°C / 32° F to 122° F

#### Current Consumption:

typ. 190 mA, < 2.5 mA in USB Suspend Mode

#### Interface:

- USB

#### Product Approvals:

- cURus



- VDE GS



- C-Tick



- VCCI



- CE



- FCC



#### System Requirements:

- USB plug and USB supporting operating system

#### Box Contents:

- CHERRY MultiBoard MX V2 G80-7044
- Operating instructions in hard copy

#### Dimensions (product):

approx. 405 x 220 x 64 mm / approx. 15.94 x 8.66 x 2.52 in

#### Packaging Dimensions:

approx. 455 x 277 x 72 mm / approx. 17.52 x 8.94 x 2.83 in

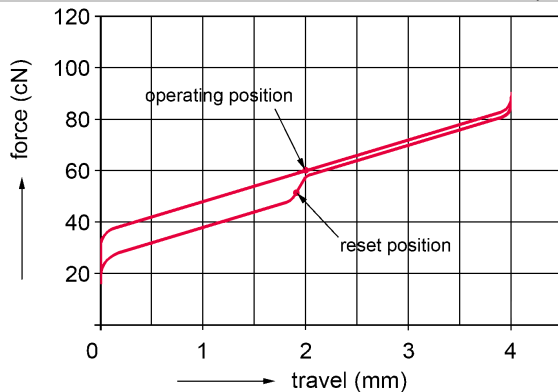
#### Reliability:

- 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: 10
- Number of master packages per pallet: 8

**Warranty:**

2 years

Errors, technical changes and delivery delays may occur. 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)

	<b>Product Name</b>	<b>Order Number</b>	<b>EAN Code</b>
1	MultiBoard MX V2 G80-7044	G80-7044LUV EU-2	4025112087899