# MX 2.0S

Made for gaming – a functional, state-of-the-art keyboard featuring MX technology



Models may vary from the image shown

The CHERRY MX 2.0S – the functional, classic keyboard that has everything you need for gaming. The streamlined German design concentrates on functionality, using the Bauhaus principle as its basis. Designed by Prof. Peter Raab, lecturer at Coburg University, the exterior and interior have been optimized.
The interior features the time-tested mechanical CHERRY MX technology and provides a choice of four switching characteristics. Special Gold Crosspoint contacts ensure consistently reliable electrical contacts, perfect responsiveness, and an unbeatable reaction speed. Multiple mechanical components under each key ensure a uniform feel.

Depending on the model, without lighting or with vivid RGB lighting effects in more than 16 million colors. A variety of plays of color, lighting modes and key assignments can be managed using the free CHERRY Utility software.

A matching palm rest is available as an optional accessory to provide more comfort.
High-quality workmanship and abrasion-resistant key caps provide unfailing reliability when gaming, at home, and at work.

## HIGHLIGHTS

- Classic, wired keyboard with original CHERRY MX switches
- Impressive RGB lighting in more than 16 million colors, with numerous integrated color routines, which can also be adjusted using the CHERRY Utility Software (depending on the version)
- CHERRY MX technology – Gold Crosspoint precision switches for all keys »Made in Germany«
- Minimalist, functional design – designed in Germany by Prof. Peter Raab
- Uniform feel across all keys due to special, multiple mechanical components
- Full n-key rollover – all keys are read simultaneously
- Anti-ghosting – no input errors
- WIN key lockout
- CHERRY key for quick access to Utility software
- Abrasion-resistant, laser-etched key caps
- Available in four different MX switch characteristics: black, red, brown, blue
- Matching palm rest available as an optional accessory
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## PRODUCT SPECIFICATIONS

| | |
|---|---|
| Color: | white |
| Weight main product: | 785 g |
| Dimensions product without packaging: | 428 mm x 145 mm x 40 mm |
| Weight of product incl. packaging: | 1,130 g |
| Dimensions product incl. packaging: | 450 mm x 193 mm x 44 mm |
| Content of master carton (pieces): | 8 |
| Weight of master carton incl. content: | 9,500 g |
| Dimensions master carton: | 470 mm x 390 mm x 220 mm |


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| | |
|---|---|
| Cable-length: | 180 cm |
| Storage temperature: | -20 °C - 60 °C |
| Working temperature: | 0 °C - 50 °C |
| Product approvals: | • CE<br>• KCC<br>• Windows Hardware Compatibility<br>• BSMI<br>• China RoHS<br>• FCC<br>• RCM<br>• UKCA |
| System Requirements-Hardware: | USB-A |
| Operating system: | • Windows 7<br>• Windows 8<br>• Windows 10<br>• Windows 11 |
| Scope of delivery: | • Short Manual<br>• Keyboard |
| Reliability: | MTBF 90: > 10 Mio. |
| Software support: | CHERRY Utility Software & Assistant |
| Service life per key (in million strokes): | 100 mio. actuations |
| Max. current consumption (mA) of keyboard: | 500 mA |
| Keyboard format: | Full-size (100%) |
| Integrated metal plate: | no |

| | |
|---|---|
| N-key rollover: | N-Key Rollover |
| Anti-ghosting: | yes |
| Key encryption: | no |
| Response time: | 1 ms |
| Internal memory: | no |
| Key labeling: | Laser etching + UV coating |
| Palm rest: | Palm rest available as accessory |
| USB hub: | no |
| Number of keys: | 104 + 5 |
| Special key functions: | • Browser<br>• CHERRY Key<br>• FN<br>• Next track<br>• Last track<br>• Play/Pause<br>• Unmute/Mute<br>• Volume up<br>• Volume down<br>• Calculator |
| Illumination: | RGB |
| Adjustable feet: | integrated |
| Status LEDs: | in keys |
| Key technology: | Mechanical |
| Switches: | CHERRY MX RED |
| Keycap material: | ABS |
| Sealing: | no |
| Model number: | G80-3821 |

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