

CHERRY KW 300W MX

Compact hot-swap keyboard with sound-proofed housing



Models may vary from the image shown

ORIGINAL CHERRY MX2A SWITCHES

The KW 300W MX is equipped with CHERRY MX2A keys, which are characterized by particularly good sliding properties and improved acoustics. The result is a super-soft touch with an extremely long service life of up to 100 million strokes per key (depending on the switch type) and unbeatable precision.

PERFECT ACOUSTICS

The inside of the housing is damped with several layers of foam. In combination with the lubricated MX2A switches and the high-quality PBT key caps, this results in whisper-quiet noise when typing. Entries are acknowledged with a subtle "thock" sound.

HOT-SWAP SOCKETS

The individual switches can be easily removed with the enclosed tool and replaced with other MX switches of your choice. Simply insert the new buttons into the special hot-swap sockets and you're done. No soldering or screws are required: just snap into place.

FLEXIBLE CONNECTION OF MULTIPLE DEVICES

The keyboard not only has a cord mode that is always ready, but also has three Bluetooth channels.

This allows up to four devices to be connected simultaneously. You can easily select these using the F1-F4 keys. Two-color LEDs in these buttons indicate the connected channel.

COMPACT SIZE

The extra-small footprint of the keyboard creates a clean, tidy desk with an orderly look. The removal of the number block means that the arm is not far away from the mouse. The result is a more natural and comfortable posture.

RECHARGEABLE BATTERY

The built-in lithium-ion battery can be recharged using the a USB-C cable. A full charge is sufficient for several weeks of undisturbed work depending on the selected lighting intensity and personal habits. For example, the battery lasts for about six weeks with the lighting off, and about one week with the LEDs on.

ADDITIONAL FEATURES

Full-key rollover and anti-ghosting allow you to press unlimited buttons at the same time and minimize typing errors. Two folding feet can be used to adjust the angle of the keyboard. The handy control dial allows you to control the volume, brightness or channel control. The dial also serves as an on/off switch.

A VERSATILE KEYBOARD

The CHERRY KW 300W MX is suitable for various applications due to its compact dimensions, excellent workmanship and extensive features. Whether as a workhorse for programming, writing texts, gaming or industrial applications: A top-quality keyboard like this is ready for any job.

FUNCTION AND PERFORMANCE

- Compact dimensions for a tidy desk
- Original CHERRY MX2A switch—made in Germany
- White lighting with colored status keys
- PBT key caps with 2-component injection molding

- Control dial for convenient control of various functions
- Sound-damped housing for quiet operation
- Hot-swap socket for easy replacement of individual switches
- Rechargeable via USB-C cable
- Operation in Bluetooth or corded mode

TECHNICAL DATA

Weight main product:	747 g
Dimensions product without packaging:	320 mm x 135 mm x 39 mm
Cable length:	180 cm
Storage temperature:	-15 °C - 60 °C
Working temperature:	0 °C - 40 °C
Product approvals:	• CE • China RoHS • UKCA • FCC
System Requirements-Hardware:	• Bluetooth® 4.0 or higher • USB-C
Operating system:	• Windows 7 • Windows 8 • Windows 10 • Windows 11
Scope of delivery:	• keycap/switch removal tool • Manual • Keyboard • USB-cable
Reliability:	MTBF 90: > 10 Mio.
Software support:	CHERRY KEYS
2.4 Ghz wireless connection:	no
Connection via Bluetooth:	yes
Encryption in Bluetooth mode:	yes
Bluetooth protocol:	Bluetooth® 5.2

Bluetooth range:	10 m
Battery type:	Li-Ion
Battery design:	Special
Battery rechargeable:	yes
Battery replaceable:	no
Battery charging socket:	USB-C
Service life per key (in million strokes):	100 mio. actuations
Max. current consumption (mA) of keyboard:	500 mA
Keyboard format:	Compact (75%)
Integrated metal plate:	no
Volume (dB) of keyboard:	40 db
N-Key Rollover:	yes
Anti-ghosting:	yes
Key encryption:	AES-128
Response time:	1 ms
Actuating force (cN):	45 cN
Pre-Travel:	2 mm
Total Key Travel:	4 mm
Key labeling:	Double shot injection molding
Palm rest:	Palm rest not available
USB-Hub:	no
Illumination:	white
Adjustable feet:	yes
Status LEDs:	in keys
Key technology:	Mechanical
Keycap material:	PBT
Model number:	G80-3960
Protection class:	Standard
Hotswap:	yes
Warranty:	2 years warranty

Errors, technical changes and delivery options reserved. Technical information refers only to the specification of the products. Properties are not guaranteed. Actual battery life is strongly depending on individual user behavior and hardware setup.

SKU / EAN / UPC	Protection class	Switches	Colour	Illumination	Layout
G80-3961HIAFR-2 EAN 4025112117787 UPC	Standard	CHERRY MX2A BROWN	black	white	FR (France)
G80-3961HIAGB-2 EAN 4025112117763 UPC	Standard	CHERRY MX2A BROWN	black	white	GB (United Kingdom)
G80-3961HIAPN-2 EAN 4025112117800 UPC	Standard	CHERRY MX2A BROWN	black	white	NOR (Nordic)
G80-3961HHAFR-2 EAN 4025112117770 UPC	Standard	CHERRY MX2A SILENT RED	black	white	FR (France)
G80-3961HHAGB-2 EAN 4025112117756 UPC	Standard	CHERRY MX2A SILENT RED	black	white	GB (United Kingdom)
G80-3961HHAPN-2 EAN 4025112117794 UPC	Standard	CHERRY MX2A SILENT RED	black	white	NOR (Nordic)

Please contact your local CHERRY service and support teams or your CHERRY sales partners for versions available in your country.