



KW 300W MX

DATASHEET

CHERRY KW 300W MX

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.



HIGHLIGHTS

- 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

SCOPE OF DELIVERY

- Keycap / Switch removal tool
- Manual
- Keyboard
- USB-cable

TECHNICAL DATA

PRODUCT INFORMATION

Model number	G80-3960
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- UKCA- FCC
Software support	CHERRY KEYS
Operating system	<ul style="list-style-type: none">- Windows 7- Windows 8- Windows 10- Windows 11
System Requirements-Hardware	<ul style="list-style-type: none">- Bluetooth® 4.0 or higher- USB-C

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	40 °C

CABLE

Cable length	180 cm
--------------	--------

KEYBOARD

Keycap material	PBT
-----------------	-----

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
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
Windows key	with Windows key
Hotswap	yes

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

BATTERY

Battery type	Li-Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1,400 mW
Minimum Charging Capability	1,300 mW

PRODUCT VARIANTS

PART NUMBER	LAYOUT	COLOUR	SWITCHES
G80-3961HIAFR-2	FR (France)	black	CHERRY MX2A BROWN
G80-3961HIAGB-2	GB (United Kingdom)	black	CHERRY MX2A BROWN
G80-3961HIAPN-2	NOR (Nordic)	black	CHERRY MX2A BROWN
G80-3961HHAFR-2	FR (France)	black	CHERRY MX2A SILENT RED
G80-3961HHAGB-2	GB (United Kingdom)	black	CHERRY MX2A SILENT RED
G80-3961HHAPN-2	NOR (Nordic)	black	CHERRY MX2A SILENT RED

KW 300 MX [G80-3961HIAFR-2]



Layout: FR (France)

Product colour: Black

Switches: CHERRY MX2A BROWN

Part number	G80-3961HIAFR-2
EAN	4025112117787

PRODUCT INFORMATION

Model number	G80-3960
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- UKCA- FCC
Software support	CHERRY KEYS
Operating system	<ul style="list-style-type: none">- Windows 7- Windows 8- Windows 10- Windows 11
System Requirements-Hardware	<ul style="list-style-type: none">- Bluetooth® 4.0 or higher- USB-C
Dimensions inc. packaging	346 mm × 178 mm × 48 mm 1,118 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	40 °C

CABLE

Cable length	180 cm
--------------	--------

KEYBOARD

Keycap material	PBT
Key labeling	Double shot injection molding
Palm rest	Palm rest not available
USB-Hub	no
Number of keys	82
Illumination	white
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
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
Windows key	with Windows key
Hotswap	yes

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

BATTERY

Battery type	Li-Ion
--------------	--------

Battery design	Special
----------------	---------

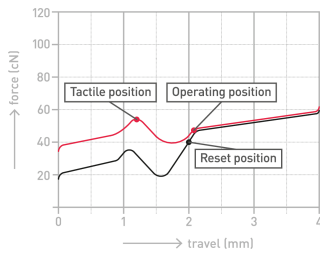
Battery rechargeable	yes
----------------------	-----

Battery replaceable	no
---------------------	----

Battery charging socket	USB-C
-------------------------	-------

Maximum Charging Capability	1,400 mW
-----------------------------	----------

Minimum Charging Capability	1,300 mW
-----------------------------	----------



SWITCHES: MX2A-G1NA

Type	mechanical, MX2A RGB
------	----------------------

Operating life	>100m.
----------------	--------

stem colour	brown
-------------	-------

Pre-Travel	2 mm
------------	------

RGB	yes
-----	-----

Spring	Stainless steel
--------	-----------------

Actuation force	45 cN
-----------------	-------

Actuation point force	55 cN
-----------------------	-------

Initial force	30 cN
---------------	-------

Final force	80 cN
-------------	-------

KW 300 MX [G80-3961HIAGB-2]



Layout: GB (United Kingdom)

Product colour: Black

Switches: CHERRY MX2A BROWN

Part number	G80-3961HIAGB-2
EAN	4025112117763

PRODUCT INFORMATION

Model number	G80-3960
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- UKCA- FCC
Software support	CHERRY KEYS
Operating system	<ul style="list-style-type: none">- Windows 7- Windows 8- Windows 10- Windows 11
System Requirements-Hardware	<ul style="list-style-type: none">- Bluetooth® 4.0 or higher- USB-C
Dimensions inc. packaging	346 mm × 178 mm × 48 mm 1,118 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	40 °C

CABLE

Cable length	180 cm
--------------	--------

KEYBOARD

Keycap material	PBT
Key labeling	Double shot injection molding
Palm rest	Palm rest not available
USB-Hub	no
Number of keys	82
Illumination	white
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
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
Windows key	with Windows key
Hotswap	yes

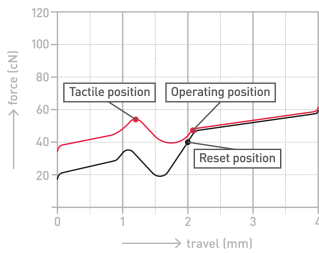
BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

BATTERY

Battery type	Li-Ion
--------------	--------

Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1,400 mW
Minimum Charging Capability	1,300 mW



SWITCHES: MX2A-G1NA

Type	mechanical, MX2A RGB
Operating life	>100m.
stem colour	brown
Pre-Travel	2 mm
RGB	yes
Spring	Stainless steel
Actuation force	45 cN
Actuation point force	55 cN
Initial force	30 cN
Final force	80 cN

KW 300 MX [G80-3961HIAPN-2]



Layout: NOR (Nordic)

Product colour: Black

Switches: CHERRY MX2A BROWN

Part number	G80-3961HIAPN-2
EAN	4025112117800

PRODUCT INFORMATION

Model number	G80-3960
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- UKCA- FCC
Software support	CHERRY KEYS
Operating system	<ul style="list-style-type: none">- Windows 7- Windows 8- Windows 10- Windows 11
System Requirements-Hardware	<ul style="list-style-type: none">- Bluetooth® 4.0 or higher- USB-C
Dimensions inc. packaging	346 mm × 178 mm × 48 mm 1,118 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	40 °C

CABLE

Cable length	180 cm
--------------	--------

KEYBOARD

Keycap material	PBT
Key labeling	Double shot injection molding
Palm rest	Palm rest not available
USB-Hub	no
Number of keys	82
Illumination	white
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
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
Windows key	with Windows key
Hotswap	yes

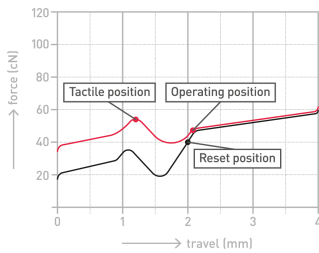
BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

BATTERY

Battery type	Li-Ion
--------------	--------

Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1,400 mW
Minimum Charging Capability	1,300 mW



SWITCHES: MX2A-G1NA

Type	mechanical, MX2A RGB
Operating life	>100m.
stem colour	brown
Pre-Travel	2 mm
RGB	yes
Spring	Stainless steel
Actuation force	45 cN
Actuation point force	55 cN
Initial force	30 cN
Final force	80 cN

KW 300 MX [G80-3961HHAFR-2]



Layout: FR (France)

Product colour: Black

Switches: CHERRY MX2A SILENT RED

Part number	G80-3961HHAFR-2
EAN	4025112117770

PRODUCT INFORMATION

Model number	G80-3960
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- UKCA- FCC
Software support	CHERRY KEYS
Operating system	<ul style="list-style-type: none">- Windows 7- Windows 8- Windows 10- Windows 11
System Requirements-Hardware	<ul style="list-style-type: none">- Bluetooth® 4.0 or higher- USB-C
Dimensions inc. packaging	346 mm × 178 mm × 48 mm 1,118 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	40 °C

CABLE

Cable length	180 cm
--------------	--------

KEYBOARD

Keycap material	PBT
Key labeling	Double shot injection molding
Palm rest	Palm rest not available
USB-Hub	no
Number of keys	82
Illumination	white
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
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
Windows key	with Windows key
Hotswap	yes

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

BATTERY

Battery type	Li-Ion
--------------	--------

Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1,400 mW
Minimum Charging Capability	1,300 mW

SWITCHES

Operating life	>50m.
stem colour	red
Pre-Travel	1,9 mm
Spring	Stainless steel
Actuation force	45 cN
Initial force	30 cN
Final force	100 cN

KW 300 MX [G80-3961HHAGB-2]



Layout: GB (United Kingdom)

Product colour: Black

Switches: CHERRY MX2A SILENT RED

Part number	G80-3961HHAGB-2
EAN	4025112117756

PRODUCT INFORMATION

Model number	G80-3960
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- UKCA- FCC
Software support	CHERRY KEYS
Operating system	<ul style="list-style-type: none">- Windows 7- Windows 8- Windows 10- Windows 11
System Requirements-Hardware	<ul style="list-style-type: none">- Bluetooth® 4.0 or higher- USB-C
Dimensions inc. packaging	346 mm × 178 mm × 48 mm 1,118 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	40 °C

CABLE

Cable length	180 cm
--------------	--------

KEYBOARD

Keycap material	PBT
Key labeling	Double shot injection molding
Palm rest	Palm rest not available
USB-Hub	no
Number of keys	82
Illumination	white
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
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
Windows key	with Windows key
Hotswap	yes

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

BATTERY

Battery type	Li-Ion
--------------	--------

Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1,400 mW
Minimum Charging Capability	1,300 mW

SWITCHES

Operating life	>50m.
stem colour	red
Pre-Travel	1,9 mm
Spring	Stainless steel
Actuation force	45 cN
Initial force	30 cN
Final force	100 cN

KW 300 MX [G80-3961HHAPN-2]



Layout: NOR (Nordic)

Product colour: Black

Switches: CHERRY MX2A SILENT RED

Part number	G80-3961HHAPN-2
EAN	4025112117794

PRODUCT INFORMATION

Model number	G80-3960
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- UKCA- FCC
Software support	CHERRY KEYS
Operating system	<ul style="list-style-type: none">- Windows 7- Windows 8- Windows 10- Windows 11
System Requirements-Hardware	<ul style="list-style-type: none">- Bluetooth® 4.0 or higher- USB-C
Dimensions inc. packaging	346 mm × 178 mm × 48 mm 1,118 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	40 °C

CABLE

Cable length	180 cm
--------------	--------

KEYBOARD

Keycap material	PBT
Key labeling	Double shot injection molding
Palm rest	Palm rest not available
USB-Hub	no
Number of keys	82
Illumination	white
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
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
Windows key	with Windows key
Hotswap	yes

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

BATTERY

Battery type	Li-Ion
--------------	--------

Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1,400 mW
Minimum Charging Capability	1,300 mW

SWITCHES

Operating life	>50m.
stem colour	red
Pre-Travel	1,9 mm
Spring	Stainless steel
Actuation force	45 cN
Initial force	30 cN
Final force	100 cN

© Cherry Europe GmbH

Cherrystraße 2 · 91275 Auerbach/OPf. · Germany
cherry-world.com · cherry.de

Sales Support · Technischer Support · eHealth Support

+49 9643 - 2061 - 100
www.cherry.de/de-de/kontakt

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.