CHERRY



KW 300W MX

DATASHEET

CHERRY KW 300W MX

COMPACT HOT-SWAP KEYBOARD WITH SOUND-PROOFED HOUSING

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

Dimensions and weight (without packaging)	320 mm × 135 mm × 39 mm | 747 g
Dimensions and weight (including packaging)	346 mm × 178 mm × 48 mm | 1118 g
Model number	G80-3960
Warranty	2 years warranty
Product approvals	– CE – China RoHS – UKCA – FCC
Software support	CHERRY KEYS
Operating system	Windows
System Requirements-Hardware	– Bluetooth® 4.0 or higher – USB-C

TEMPERATURE

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

KEYBOARD

Keycap material	PBT
USB-Hub	no
Illumination	white
Adjustable feet	yes
Max. current consumption (mA) of keyboard	500 mA

Keyboard format	Compact (75%)
Integrated metal plate	no
N-Key Rollover	yes
Anti-ghosting	yes
Response time	1 ms
Hotswap	yes

BATTERY

Battery type	Li - Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1400 mW
Minimum Charging Capability	1300 mW

BLUETOOTH

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

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 300W MX [G80-3961HIAFR-2]



Layout: FR (France)
Colour: Black
Switches: CHERRY MX2A BROWN

Part number	G80-3961HIAFR-2
EAN	4025112117787

PRODUCT INFORMATION

Dimensions and weight (without packaging)	320 mm × 135 mm × 39 mm | 747 g
Dimensions and weight (including packaging)	346 mm × 178 mm × 48 mm | 1118 g
Model number	G80-3960
Warranty	2 years warranty
Product approvals	– CE – China RoHS – UKCA – FCC
Software support	CHERRY KEYS
Operating system	Windows
System Requirements-Hardware	– Bluetooth® 4.0 or higher – USB-C

TEMPERATURE

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

KEYBOARD

Keycap material	PBT
USB-Hub	no
Illumination	white
Adjustable feet	yes
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Compact (75%)
Integrated metal plate	no
N-Key Rollover	yes
Anti-ghosting	yes
Response time	1 ms
Hotswap	yes

BATTERY

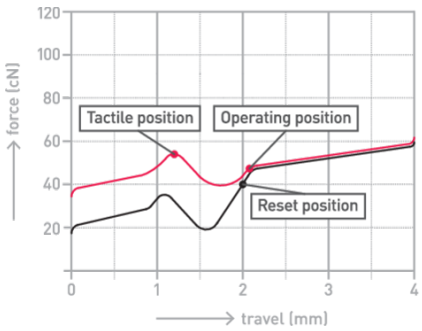
Battery type	Li - Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1400 mW
Minimum Charging Capability	1300 mW

BLUETOOTH

Connection via Bluetooth	Yes
Encryption in Bluetooth mode	yes

Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

SWITCHES: CHERRY MX2A BROWN





LAYOUT

RGB	yes
Cover colour	Black
Bottom housing colour	Black
Actuation force	45 cN
Initial force	30 cN

KW 300W MX [G80-3961HIAGB-2]



Layout: GB (United Kingdom)
Colour: Black
Switches: CHERRY MX2A BROWN

Part number	G80-3961HIAGB-2
EAN	4025112117763

PRODUCT INFORMATION

Dimensions and weight (without packaging)	320 mm × 135 mm × 39 mm | 747 g
Dimensions and weight (including packaging)	346 mm × 178 mm × 48 mm | 1118 g
Model number	G80-3960
Warranty	2 years warranty
Product approvals	– CE – China RoHS – UKCA – FCC
Software support	CHERRY KEYS
Operating system	Windows
System Requirements-Hardware	– Bluetooth® 4.0 or higher – USB-C

TEMPERATURE

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

KEYBOARD

Keycap material	PBT
USB-Hub	no
Illumination	white
Adjustable feet	yes
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Compact (75%)
Integrated metal plate	no
N-Key Rollover	yes
Anti-ghosting	yes
Response time	1 ms
Hotswap	yes

BATTERY

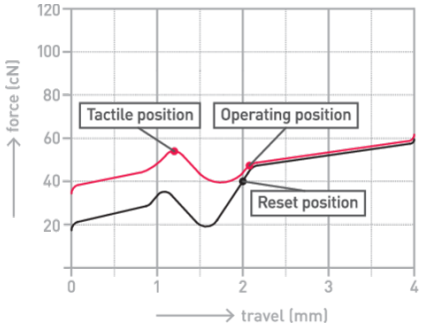
Battery type	Li - Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1400 mW
Minimum Charging Capability	1300 mW

BLUETOOTH

Connection via Bluetooth	Yes
Encryption in Bluetooth mode	yes

Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

SWITCHES: CHERRY MX2A BROWN





LAYOUT

RGB	yes
Cover colour	Black
Bottom housing colour	Black
Actuation force	45 cN
Initial force	30 cN

KW 300W MX [G80-3961HIAPN-2]



Layout: NOR (Nordic)
Colour: Black
Switches: CHERRY MX2A BROWN

Part number	G80-3961HIAPN-2
EAN	4025112117800

PRODUCT INFORMATION

Dimensions and weight (without packaging)	320 mm × 135 mm × 39 mm | 747 g
Dimensions and weight (including packaging)	346 mm × 178 mm × 48 mm | 1118 g
Model number	G80-3960
Warranty	2 years warranty
Product approvals	– CE – China RoHS – UKCA – FCC
Software support	CHERRY KEYS
Operating system	Windows
System Requirements-Hardware	– Bluetooth® 4.0 or higher – USB-C

TEMPERATURE

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

KEYBOARD

Keycap material	PBT
USB-Hub	no
Illumination	white
Adjustable feet	yes
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Compact (75%)
Integrated metal plate	no
N-Key Rollover	yes
Anti-ghosting	yes
Response time	1 ms
Hotswap	yes

BATTERY

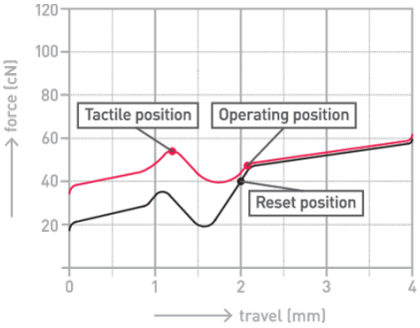
Battery type	Li - Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1400 mW
Minimum Charging Capability	1300 mW

BLUETOOTH

Connection via Bluetooth	Yes
Encryption in Bluetooth mode	yes

Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

SWITCHES: CHERRY MX2A BROWN





LAYOUT

RGB	yes
Cover colour	Black
Bottom housing colour	Black
Actuation force	45 cN
Initial force	30 cN

KW 300W MX [G80-3961HHAFR-2]



Layout: FR (France)
Colour: Black
Switches: CHERRY MX2A SILENT RED

Part number	G80-3961HHAFR-2
EAN	4025112117770

PRODUCT INFORMATION

Dimensions and weight (without packaging)	320 mm × 135 mm × 39 mm | 747 g
Dimensions and weight (including packaging)	346 mm × 178 mm × 48 mm | 1118 g
Model number	G80-3960
Warranty	2 years warranty
Product approvals	– CE – China RoHS – UKCA – FCC
Software support	CHERRY KEYS
Operating system	Windows
System Requirements-Hardware	– Bluetooth® 4.0 or higher – USB-C

TEMPERATURE

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

KEYBOARD

Keycap material	PBT
USB-Hub	no
Illumination	white
Adjustable feet	yes
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Compact (75%)
Integrated metal plate	no
N-Key Rollover	yes
Anti-ghosting	yes
Response time	1 ms
Hotswap	yes

BATTERY

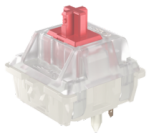
Battery type	Li - Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1400 mW
Minimum Charging Capability	1300 mW

BLUETOOTH

Connection via Bluetooth	Yes
Encryption in Bluetooth mode	yes

Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

SWITCHES: CHERRY MX2A SILENT RED



LAYOUT

RGB	yes
Cover colour	transparent
Actuation force	45 cN
Initial force	30 cN

KW 300W MX [G80-3961HHAGB-2]



Layout: GB (United Kingdom)
Colour: Black
Switches: CHERRY MX2A SILENT RED

Part number	G80-3961HHAGB-2
EAN	4025112117756

PRODUCT INFORMATION

Dimensions and weight (without packaging)	320 mm × 135 mm × 39 mm | 747 g
Dimensions and weight (including packaging)	346 mm × 178 mm × 48 mm | 1118 g
Model number	G80-3960
Warranty	2 years warranty
Product approvals	– CE – China RoHS – UKCA – FCC
Software support	CHERRY KEYS
Operating system	Windows
System Requirements-Hardware	– Bluetooth® 4.0 or higher – USB-C

TEMPERATURE

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

KEYBOARD

Keycap material	PBT
USB-Hub	no
Illumination	white
Adjustable feet	yes
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Compact (75%)
Integrated metal plate	no
N-Key Rollover	yes
Anti-ghosting	yes
Response time	1 ms
Hotswap	yes

BATTERY

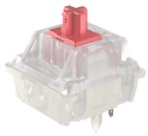
Battery type	Li - Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1400 mW
Minimum Charging Capability	1300 mW

BLUETOOTH

Connection via Bluetooth	Yes
Encryption in Bluetooth mode	yes

Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

SWITCHES: CHERRY MX2A SILENT RED



LAYOUT

RGB	yes
Cover colour	transparent
Actuation force	45 cN
Initial force	30 cN

KW 300W MX [G80-3961HHAPN-2]



Layout: NOR (Nordic)
Colour: Black
Switches: CHERRY MX2A SILENT RED

Part number	G80-3961HHAPN-2
EAN	4025112117794

PRODUCT INFORMATION

Dimensions and weight (without packaging)	320 mm × 135 mm × 39 mm | 747 g
Dimensions and weight (including packaging)	346 mm × 178 mm × 48 mm | 1118 g
Model number	G80-3960
Warranty	2 years warranty
Product approvals	– CE – China RoHS – UKCA – FCC
Software support	CHERRY KEYS
Operating system	Windows
System Requirements-Hardware	– Bluetooth® 4.0 or higher – USB-C

TEMPERATURE

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

KEYBOARD

Keycap material	PBT
USB-Hub	no
Illumination	white
Adjustable feet	yes
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Compact (75%)
Integrated metal plate	no
N-Key Rollover	yes
Anti-ghosting	yes
Response time	1 ms
Hotswap	yes

BATTERY

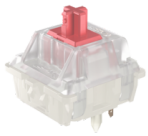
Battery type	Li - Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	1400 mW
Minimum Charging Capability	1300 mW

BLUETOOTH

Connection via Bluetooth	Yes
Encryption in Bluetooth mode	yes

Bluetooth protocol	Bluetooth® 5.2
Bluetooth range	10 m

SWITCHES: CHERRY MX2A SILENT RED



LAYOUT

RGB	yes
Cover colour	transparent
Actuation force	45 cN
Initial force	30 cN

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