

# WHICH SWITCH IS WHICH?

## A GUIDE TO CHERRY MX MECHANICAL SWITCHES



### RGB RED

Linear switching  
45 cN operating force  
2.0 mm pre travel  
4.0 mm total travel  
No audible click



### RGB BLACK

Linear switching  
60 cN operating force  
2.0 mm pre travel  
4.0 mm total travel  
No audible click



### RGB BROWN

Tactile switching  
55 cN operating force  
2.0 mm pre travel  
4.0 mm total travel  
No audible click



### RGB BLUE

Tactile switching  
60 cN operating force  
2.2 mm pre travel  
4.0 mm total travel  
Audible click



### RGB SILENT RED

Linear switching  
45 cN operating force  
1.9 mm pre travel  
3.7 mm total travel  
No audible click



### RGB SILENT BLACK

Linear switching  
60 cN operating force  
1.9 mm pre travel  
3.7 mm total travel  
No audible click



### RGB SPEED SILVER

Linear switching  
45 cN operating force  
1.2 mm pre travel  
3.4 mm total travel  
No audible click



## CHERRY MX BOARD 3.0 S



*Models may vary from the image shown – separate accessories available*

### Expect to win!

The CHERRY MX BOARD 3.0 S is a high-performance gaming keyboard with a choice of illumination, color and switch options. The stylish extruded aluminum housing integrates the genuine CHERRY MX switches, designed for fast play with all the gaming features you need to win.

### Key benefits

- Gaming style – corded keyboard in high-quality extruded aluminum housing
- Intelligent, technical design completely without screws
- CHERRY MX technology – Gold Crosspoint precision switches for all keys  
“Made in Germany”
- Illumination options for different versions range from unlit to monochrome to RGB with color routines in over 16 million colors
- Abrasion-resistant key caps, front lasered or double shot, depending on the model
- Full n-key rollover – all keys are read simultaneously
- Anti-ghosting – no input errors
- WIN key lockout for gaming
- Securely plugged, detachable cable
- Four round rubber feet for extra stability

**Note:** Basic illumination functions can be used and adjusted without software. For advanced illumination settings and macros, please download the CHERRY gaming software.

### Technical Data:

#### Layout (country or language):

Product dependant, see table “Models”

#### Colour:

Housing: black or aluminum/white  
Keys: black or white

#### Weight (product):

Keyboard: approx. 1025. g

#### Total weight (with packaging):

approx. 1310. g

#### Cable Length

approx. 1,70 m

#### Storage Temperature:

–20 °C to +60 °C

#### Operating Temperature:

0 °C to +50 °C

#### Current Consumption:

max. 500 mA

#### Interface:

USB

#### Product approvals:

- cRohs
- WHQL
- CE
- FCC
- KCC
- BSMI

#### System requirements:

USB connection

#### Delivery Volume:

- Keyboard
- Manual
- Packaging

#### Dimensions:

Keyboard: approx. 430x140x36 mm

Packaging: approx. 460x180x40 mm

## CHERRY MX BOARD 3.0 S

### Keyboard:

- Key technology: MX
- Service life and characteristics depend on switch specification (see [www.cherrymx.de](http://www.cherrymx.de)). Standard key operations between >50 and >100 million guaranteed.
- Operation characteristics: Product dependant, see table "Models"
- Inscription technology: WHITE VERSION Double shot / BLACK VERSION front lasered
- Number of Keys: depends on model
- Number of additional keys: 5

### Packaging Unit:

- Number of products in the master package: 8

### Warranty:

2 years

Errors, technical changes and delivery possibilities excepted. Technical information refers only to the specifications of the products. Features may differ from the information provided.

## CHERRY MX BOARD 3.0 S

### Models:

(possible country/layout versions, others available on request)

Item	Product name	Light	Product No. (P/N)	Mode No. (M/N)	Index	EAN-Code	Layout	Color	Switch	Keycaps
1	MX BOARD 3.0S		G80-3870HSAEU-0	G80-3870	00	4025112090974	US-international	white	MX blue	double-shot
2	MX BOARD 3.0S		G80-3870HSAKR-0	G80-3870	00	4025112092862	Korean	white	MX blue	double-shot
3	MX BOARD 3.0S		G80-3870HSBTW-0	G80-3870	00	4025112092824	Taiwan	white	MX blue	double-shot
4	MX BOARD 3.0S		G80-3870HUAEU-0	G80-3870	00	4025112090981	US-international	white	MX black	double-shot
5	MX BOARD 3.0S		G80-3870HUAKR-0	G80-3870	00	4025112092831	Korean	white	MX black	double-shot
6	MX BOARD 3.0S		G80-3870HUBTW-0	G80-3870	00	4025112092817	Taiwan	white	MX black	double-shot
7	MX BOARD 3.0S		G80-3870HXAEU-0	G80-3870	00	4025112090998	US-international	white	MX brown	double-shot
8	MX BOARD 3.0S		G80-3870HXAKR-0	G80-3870	00	4025112092848	Korean	white	MX brown	double-shot
9	MX BOARD 3.0S		G80-3870HXBTW-0	G80-3870	00	4025112092800	Taiwan	white	MX brown	double-shot
10	MX BOARD 3.0S		G80-3870HYAEU-0	G80-3870	00	4025112091001	US-international	white	MX red	double-shot
11	MX BOARD 3.0S		G80-3870HYAKR-0	G80-3870	00	4025112092855	Korean	white	MX red	double-shot
12	MX BOARD 3.0S		G80-3870HYBTW-0	G80-3870	00	4025112092794	Taiwan	white	MX red	double-shot
13	MX BOARD 3.0S		G80-3870LSAEU-0	G80-3870	00	4025112093296	US-international	white	MX blue	double-shot
14	MX BOARD 3.0S		G80-3870LSAEU-2	G80-3870	00	4025112090394	US-international	black	MX blue	lasered
15	MX BOARD 3.0S		G80-3870LSAKR-0	G80-3870	00	4025112093180	Korean	white	MX blue	double-shot
16	MX BOARD 3.0S		G80-3870LSAKR-2	G80-3870	00	4025112090677	Korean	black	MX blue	lasered
17	MX BOARD 3.0S		G80-3870LSBTW-2	G80-3870	00	4025112092626	Taiwan	black	MX blue	lasered
18	MX BOARD 3.0S		G80-3870LUAEU-0	G80-3870	00	4025112093289	US-international	white	MX black	double-shot
19	MX BOARD 3.0S		G80-3870LUAEU-2	G80-3870	00	4025112090387	US-international	black	MX black	lasered
20	MX BOARD 3.0S		G80-3870LUAKR-0	G80-3870	00	4025112093197	Korean	white	MX black	double-shot
21	MX BOARD 3.0S		G80-3870LUAKR-2	G80-3870	00	4025112090660	Korean	black	MX black	lasered
22	MX BOARD 3.0S		G80-3870LUBTW-2	G80-3870	00	4025112092657	Taiwan	black	MX black	lasered

23	MX BOARD 3.0S		G80-3870LWAKR-0	G80-3870	00	4025112094033	Korean	white	MX red silent	lasered
24	MX BOARD 3.0S		G80-3870LWAKR-2	G80-3870	00	4025112094026	Korean	black	MX red silent	lasered
25	MX BOARD 3.0S		G80-3870LXAEU-0	G80-3870	00	4025112093302	US-international	white	MX brown	double-shot
26	MX BOARD 3.0S		G80-3870LXAEU-2	G80-3870	00	4025112090400	US-international	black	MX brown	lasered
27	MX BOARD 3.0S		G80-3870LXAKR-0	G80-3870	00	4025112093210	Korean	white	MX brown	double-shot
28	MX BOARD 3.0S		G80-3870LXAKR-2	G80-3870	00	4025112090684	Korean	black	MX brown	lasered
29	MX BOARD 3.0S		G80-3870LXBTW-2	G80-3870	00	4025112092640	Taiwan	black	MX brown	lasered
30	MX BOARD 3.0S		G80-3870LYAEU-0	G80-3870	00	4025112093272	US-international	white	MX red	double-shot
31	MX BOARD 3.0S		G80-3870LYAEU-2	G80-3870	00	4025112090417	US-international	black	MX red	lasered
32	MX BOARD 3.0S		G80-3870LYAKR-0	G80-3870	00	4025112093203	Korean	white	MX red	double-shot
33	MX BOARD 3.0S		G80-3870LYAKR-2	G80-3870	00	4025112090691	Korean	black	MX red	lasered
34	MX BOARD 3.0S		G80-3870LYBTW-2	G80-3870	00	4025112092633	Taiwan	black	MX red	lasered
35	MX BOARD 3.0S	backlight	G80-3871HSAEU-0	G80-3871	00	4025112091131	US-international	white	MX blue	double-shot
36	MX BOARD 3.0S	backlight	G80-3871HSAKR-0	G80-3871	00	4025112091100	Korean	white	MX blue	double-shot
37	MX BOARD 3.0S	backlight	G80-3871HUAEU-0	G80-3871	00	4025112091148	US-international	white	MX black	double-shot
38	MX BOARD 3.0S	backlight	G80-3871HUAKR-0	G80-3871	00	4025112091094	Korean	white	MX black	double-shot
39	MX BOARD 3.0S	backlight	G80-3871HXAEU-0	G80-3871	00	4025112091155	US-international	white	MX brown	double-shot
40	MX BOARD 3.0S	backlight	G80-3871HXAKR-0	G80-3871	00	4025112091117	Korean	white	MX brown	double-shot
41	MX BOARD 3.0S	backlight	G80-3871HYAEU-0	G80-3871	00	4025112091162	US-international	white	MX red	double-shot
42	MX BOARD 3.0S	backlight	G80-3871HYAKR-0	G80-3871	00	4025112091124	Korean	white	MX red	double-shot
43	MX BOARD 3.0S	backlight	G80-3871LSAEU-2	G80-3871	00	4025112091056	US-international	black	MX blue	lasered
44	MX BOARD 3.0S	backlight	G80-3871LSAKR-2	G80-3871	00	4025112091025	Korean	black	MX blue	lasered
45	MX BOARD 3.0S	backlight	G80-3871LUAEU-2	G80-3871	00	4025112091063	US-international	black	MX black	lasered
46	MX BOARD 3.0S	backlight	G80-3871LUAKR-2	G80-3871	00	4025112091018	Korean	black	MX black	lasered
47	MX BOARD 3.0S	backlight	G80-3871LXAEU-2	G80-3871	00	4025112091070	US-international	black	MX brown	lasered
48	MX BOARD 3.0S	backlight	G80-3871LXAKR-2	G80-3871	00	4025112091032	Korean	black	MX brown	lasered
49	MX BOARD 3.0S	backlight	G80-3871LYAEU-2	G80-3871	00	4025112091087	US-international	black	MX red	lasered
50	MX BOARD 3.0S	backlight	G80-3871LYAKR-2	G80-3871	00	4025112091049	Korean	black	MX red	lasered
51	MX BOARD 3.0S	RGB	G80-3874HSAEU-0	G80-3874	00	4025112091407	US-international	white	MX blue	double-shot
52	MX BOARD 3.0S	RGB	G80-3874HSAEU-9	G80-3874	00	4025112093326	US-international	pink	MX blue	double-shot
53	MX BOARD 3.0S	RGB	G80-3874HSAKR-0	G80-3874	00	4025112092039	Korean	white	MX blue	double-shot

54	MX BOARD 3.0S	RGB	G80-3874HSAKR-9	G80-3874	00	4025112094200	Korean	pink	MX blue	lasered
55	MX BOARD 3.0S	RGB	G80-3874HSBTW-0	G80-3874	00	4025112092756	Taiwan	white	MX blue	double-shot
56	MX BOARD 3.0S	RGB	G80-3874HUAEU-0	G80-3874	00	4025112091391	US-international	white	MX black	double-shot
57	MX BOARD 3.0S	RGB	G80-3874HUAEU-9	G80-3874	00	4025112093319	US-international	pink	MX black	double-shot
58	MX BOARD 3.0S	RGB	G80-3874HUAKR-0	G80-3874	00	4025112092060	Korean	white	MX black	double-shot
59	MX BOARD 3.0S	RGB	G80-3874HUAKR-9	G80-3874	00	4025112094194	Korean	pink	MX black	lasered
60	MX BOARD 3.0S	RGB	G80-3874HUBTW-0	G80-3874	00	4025112092787	Taiwan	white	MX black	double-shot
61	MX BOARD 3.0S	RGB	G80-3874HWAKR-0	G80-3874	00	4025112094040	Korean	white	MX red silent	lasered
62	MX BOARD 3.0S	RGB	G80-3874HWAKR-9	G80-3874	00	4025112095054	Korean	pink	MX red silent	lasered
63	MX BOARD 3.0S	RGB	G80-3874HWAUS-0	G80-3874	00	4025112094521	US	white	MX red silent	lasered
64	MX BOARD 3.0S	RGB	G80-3874HXAEU-0	G80-3874	00	4025112091384	US-international	white	MX brown	double-shot
65	MX BOARD 3.0S	RGB	G80-3874HXAEU-9	G80-3874	00	4025112093333	US-international	pink	MX brown	double-shot
66	MX BOARD 3.0S	RGB	G80-3874HXAKR-0	G80-3874	00	4025112092053	Korean	white	MX brown	double-shot
67	MX BOARD 3.0S	RGB	G80-3874HXAKR-9	G80-3874	00	4025112094187	Korean	pink	MX brown	lasered
68	MX BOARD 3.0S	RGB	G80-3874HXBTW-0	G80-3874	00	4025112092770	Taiwan	white	MX brown	double-shot
69	MX BOARD 3.0S	RGB	G80-3874HYAEU-0	G80-3874	00	4025112091377	US-international	white	MX red	double-shot
70	MX BOARD 3.0S	RGB	G80-3874HYAEU-9	G80-3874	00	4025112093340	US-international	pink	MX red	double-shot
71	MX BOARD 3.0S	RGB	G80-3874HYAKR-0	G80-3874	00	4025112092046	Korean	white	MX red	double-shot
72	MX BOARD 3.0S	RGB	G80-3874HYAKR-9	G80-3874	00	4025112094170	Korean	pink	MX red	lasered
73	MX BOARD 3.0S	RGB	G80-3874HYBTW-0	G80-3874	00	4025112092763	Taiwan	white	MX red	double-shot
74	MX BOARD 3.0S	RGB	G80-3874LSAEU-2	G80-3874	00	4025112093913	US-international	black	MX blue	lasered
75	MX BOARD 3.0S	RGB	G80-3874LSAKR-2	G80-3874	00	4025112092909	Korean	black	MX blue	lasered
76	MX BOARD 3.0S	RGB	G80-3874LSBTW-2	G80-3874	00	4025112092671	Taiwan	black	MX blue	lasered
77	MX BOARD 3.0S	RGB	G80-3874LUAEU-2	G80-3874	00	4025112093906	US-international	black	MX black	lasered
78	MX BOARD 3.0S	RGB	G80-3874LUAKR-2	G80-3874	00	4025112092879	Korean	black	MX black	lasered
79	MX BOARD 3.0S	RGB	G80-3874LUBTW-2	G80-3874	00	4025112092695	Taiwan	black	MX black	lasered
80	MX BOARD 3.0S	RGB	G80-3874LWACH-0	G80-3874	00	4025112093432	Swiss	white	MX red silent	lasered
81	MX BOARD 3.0S	RGB	G80-3874LWACH-2	G80-3874	00	4025112093425	Swiss	black	MX red silent	lasered
82	MX BOARD 3.0S	RGB	G80-3874LWADE-0	G80-3874	00	4025112093371	German	white	MX red silent	lasered
83	MX BOARD 3.0S	RGB	G80-3874LWADE-2	G80-3874	00	4025112093364	German	black	MX red silent	lasered
84	MX BOARD 3.0S	RGB	G80-3874LWAEU-2	G80-3874	00	4025112093357	US-international	black	MX red silent	lasered

85	MX BOARD 3.0S	RGB	G80-3874LWAFR-0	G80-3874	00	4025112093395	French	white	MX red silent	lasered
86	MX BOARD 3.0S	RGB	G80-3874LWAFR-2	G80-3874	00	4025112093388	French	black	MX red silent	lasered
87	MX BOARD 3.0S	RGB	G80-3874LWAGB-0	G80-3874	00	4025112093418	Great Britain	white	MX red silent	lasered
88	MX BOARD 3.0S	RGB	G80-3874LWAGB-2	G80-3874	00	4025112093401	Great Britain	black	MX red silent	lasered
89	MX BOARD 3.0S	RGB	G80-3874LWAKR-2	G80-3874	00	4025112094057	Korean	black	MX red silent	lasered
90	MX BOARD 3.0S	RGB	G80-3874LWAPN-0	G80-3874	00	4025112093456	Nordics	white	MX red silent	lasered
91	MX BOARD 3.0S	RGB	G80-3874LWAPN-2	G80-3874	00	4025112093449	Nordics	black	MX red silent	lasered
92	MX BOARD 3.0S	RGB	G80-3874LWAUS-2	G80-3874	00	4025112094538	US	black	MX red silent	lasered
93	MX BOARD 3.0S	RGB	G80-3874LXADE-2	G80-3874	00	4025112093876	German	black	MX brown	lasered
94	MX BOARD 3.0S	RGB	G80-3874LXAEU-2	G80-3874	00	4025112093890	US-international	black	MX brown	lasered
95	MX BOARD 3.0S	RGB	G80-3874LXAKR-2	G80-3874	00	4025112092886	Korean	black	MX brown	lasered
96	MX BOARD 3.0S	RGB	G80-3874LXAPN-2	G80-3874	00	4025112093753	Nordics	black	MX brown	lasered
97	MX BOARD 3.0S	RGB	G80-3874LXBTW-2	G80-3874	00	4025112092688	Taiwan	black	MX brown	lasered
98	MX BOARD 3.0S	RGB	G80-3874LYAEU-2	G80-3874	00	4025112093739	US-international	black	MX red	lasered
99	MX BOARD 3.0S	RGB	G80-3874LYAKR-2	G80-3874	00	4025112092893	Korean	black	MX red	lasered
100	MX BOARD 3.0S	RGB	G80-3874LYAPN-2	G80-3874	00	4025112093746	Nordics	black	MX red	lasered
101	MX BOARD 3.0S	RGB	G80-3874LYAUS-2	G80-3874	00	4025112094545	US	black	MX red	lasered
102	MX BOARD 3.0S	RGB	G80-3874LYBTW-2	G80-3874	00	4025112092664	Taiwan	black	MX red	lasered
103	MX BOARD 3.0S	RGB	G80-3875LWAEU-2	G80-3874	00	4025112093463	BLIZZARD special	black	MX red silent	lasered