

# Ultrastim Trackball Keyboard

## G84-4420

This high-quality compact keyboard with integrated optical Trackball is designed for all applications where reliability, reduced space requirements and low height are of great importance. Useful for IT, industrial usage and medical facilities. Equally suitable for 19 inch rack-mounted drawers.



### Facts & Features

- Single mechanical keys with Gold Crosspoint contacts (Cherry ML Modules)
- Designed for continuous use – more than 20 Mio. key presses
- Robust and reliable with precise key actuation
- Integrated high quality **Optical Trackball** plus 2 mouse buttons
- Ultra slim - only 20 mm overall height
- Lightweight
- Usable with standard drivers of the operating system
- Ideal for industrial usage with space limitations and for 19" applications
- Also available without housing for OEM

### Agency Approvals

- CE, VDE/ÜG (EN60950), FCC, cUR, VCCI, BSMI, C-Tick, GOST-R
- Designed for MS Windows® XP
- MS Windows® Vista, Linux compatible

### Delivery Volume

- Keyboard, Manual

### System Requirements

- PS/2: Plugs for Keyboard and Mouse
- USB: USB plug & supporting operating system

### Technical Data

- Interface  
USB or 2x PS/2
- Technology (USB Variant)  
USB 2.0 (1.1 compatible), HID conform  
Bus powered, composite device, low speed
- Cable Length  
approx. 1.75 m
- Number of Keys  
83 = intern. layout without Windows™ keys  
84 = europ. layout without Windows™ keys  
Integrated Numeric Keypad
- Trackball  
Scanning: contactless, optical  
Resolution: 400 dpi
- Weight  
approx. 563 g (keyboard)  
approx. 720 g (without packaging)
- Dimensions  
approx. 370 x 139 x 19,6 mm (keyboard)  
approx. 400 x 195 x 32 mm (packaging)
- Current Input (3 LEDs on)  
USB: typ. 36 mA  
PS/2: typ. 24 mA (keyboard)  
typ. 11 mA (trackball)
- Reliability  
MCBF > 10<sup>9</sup> operations  
MTBF > 100.000 hours
- Storage Temperature  
-20 °C to 60 °C
- Operating Temperature  
0 °C to 40 °C
- Operating life time of individual keys  
> 20 Mio operations
- Packaging Unit  
140 keyboards per master carton  
2 master cartons per pallet
- Warranty  
2 years



## Order Description

<i>Order Number</i>	<i>Trackball Scanning</i>	<i>Interface</i>	<i>Colour</i>
G84-4420LUBxx-0	optical	USB	light grey
G84-4420LUBxx-2	optical	USB	black
G84-4420LPBxx-0	optical	2 x PS/2	light grey
G84-4420LPBxx-2	optical	2 x PS/2	black

The xx in the order number defines the country version:

### Possible european layouts:

BE	Belgium
CH	Switzerland
DE	Germany
DK	Denmark
ES	Spain
FR	France
GB	UK-English
HU	Hungary
IT	Italy
NO	Norway
PL	Poland
PO	Portugal
SF	Sweden / Finland
SK	Slovakia
TS	Czech Republic
TQ	Turkey

### Possible international layouts:

EU	US English with €
JK	Japan
KR	US-English / Korea
RB	US-English / Cyrillic
RC	US-English / China

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Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.

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