



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Compact Keyboard Ultralim Series Keyboards

## G84-4400



Models may vary from the image shown

### Small, flat and extremely robust

The "XS Trackball Keyboard" (G84-4400) combines comfortable mouse control with compact dimensions. Via the optical trackball with two mouse keys, the cursor can be controlled easily and precisely.

### Facts & Features

- Individual keys with Gold Crosspoint contacts (ML technology)
- Designed for continuous usage - over 20 million confirmations per key
- High level of reliability and unique precision confirmation feeling
- Integrated optical trackball plus 2 mouse buttons
- Extremely flat - total height just 20 mm
- Lightweight
- 83 keyboard layout with all the functions of a standard keyboard
- Standard drivers
- 15" width is ideal for limited space applications

### Technical Data:

**Total weight (product)**  
approximately 563 g

**Total weight (with packaging)**  
approximately 720 g

**Cable Length:**  
approximately 1.75 m

**Storage Temperature:**  
-20°C to 60°C

**Operating temperature:**  
0°C to 40°C

**Current Consumption:**  
Typ.45 mA

**Interface:**  
PS/2 (PS/2 version) USB (USB version)

**Number of buttons:**  
83 = international layout with Windows™ keys

### Product approvals:

- c-tick
- UL
- VCCI
- CE
- FCC
- VDE
- BSMI

### Delivery Volume:

- G84-4420 Compact-Keyboard
- Operation instructions

### System Requirements

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

**Dimensions (product):**  
approx. 370 x 139 x 19.6 mm (keyboard)

**Dimensions (packaging):**  
approximately 400 x 195 x 32 mm

### Reliability:

- MTBF > 8.8 million hours
- Track ball keys: > 3 million operation

### Keyboard :

- Key technology ML
- Service life, standard key: >20 million key operations
- Operation characteristics: Linear
- Inscription technology: Laser or Tampo
- Inscription layout: US
- Number of keys: 83

### Track ball:

- Scanning Optical or Mechanical
- Resolution 400 dpi
- Number of keys 2
- Connection product dependant



## Technical Data (continued):

### Packaging unit:

- Number of products in the master packaging 21 keyboards
- Number of master packages per pallet 12

### Guarantee period:

- 2 years

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

## Order Description

<i>Order Number</i>	<i>Interface</i>	<i>Key Legend</i>	<i>Color</i>
G84-4400PUBUS-0	USB	Tampo print	Light grey
G84-4420LPBEU-0	PS/2	Laser etched	Light grey
G84-4420LPBEU-2	PS/2	Laser etched	Black
G84-4420LUBEU-0	USB	Laser etched	Light grey
G84-4420LUBEU-2	USB	Laser etched	Black

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

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The manufacturer accepts no liability for errors or non-availability, and reserves the right to change specifications without prior notice. 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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