



KEYBOARDS & POINTING DEVICES
for the most demanding jobs

KSGE92



panel mount



desktop version

- 92 keys, short travel
- sealing up to IP67
- ergonomic 38mm trackball

LED BACKLIT WATERPROOF KEYBOARD WITH ERGONOMIC TRACKBALL

Multi-functional keyboard with separate control keys, complemented by an integrated ergonomic 38mm optical trackball. This keyboard offers unparalleled convenience and precision for a wide range of applications. A perfect synergy of advanced technology and ergonomic design. Panel mount and desktop version available.

MAIN FEATURES

- Sealing up to IP67
- User-friendly layout with separate control- and function keys
- Long-lasting low power LED's with high brightness
- Dimmable backlighting at 8 levels by two dedicated keys (FN key + arrow up/down)
- Intelligent luminosity setting of "numlock" and "capslock" LED's
- Trackball with left, middle and right switch functionality
- Integrated IP68 hall-effect scroll wheel
- Infra-red optical navigation technology
- Removable 38mm ball for easy cleaning
- No external power supply necessary
- No special driver required

PANEL MOUNT VERSION

- Aluminium carrier and silicone sponge panel sealing
- Front panel mounting by means of M3 threaded studs.
- Added silicon sponge seal for perfect sealing into the user's panel
- The rear side components are protected by a covering metal plate
- Bezel for edge protection
- Dimensions: see page 2
- Weight: 1,2 kg

DESKTOP VERSION

- The keyboard is mounted in a robust, all steel enclosure
- Industrial epoxy coating (mid-grey).
- Dimensions: see page 3
- Weight: 1,4kg

GENERAL TECHNICAL SPECIFICATIONS

KEYBOARD

Sealing	IP67 sealed
Keys	92 short travel switches, tactile feel switches with 0,3 mm travel and 2,55 N operating force
Output	1,8m USB cable type A connector
Power requirements	Directly from USB port
Operating temp.	-15°C to +60°C
Front layer	Black polyester front layer with embossed keys, scratch and chemical resistant

TRACKBALL

Housing material	PC/ABS
Housing colour/finish	Black/fine-textured finish
Base plate material	Aluminium
Base plate finish	Bead blasted & clear anodised
Ball size/material	Ø38.1mm (1.5")/Epoxy resin
Tracking force	20 grams nominal – damper ring seal
Ball load	30-80 grams – PTFE seal
Resolvable ball speed	100N (10Kg) maximum downward pressure for 2 minutes @ 20°C
Tracking engine	30 IPS (inches per second)
Removable ring	Infra-red optical navigation technology

SCROLL WHEEL

Wheel diameter	Ø25mm
Wheel material	PC/ABS
Wheel colour	Grey
Encoding technology	Hall effect
Magnet strength	N42
Detent-scrolling force	30 grams nominal
Switch actuation force	275 ± 125 grams force

LEFT/RIGHT SWITCH

Switch actuation force	250 ± 100 grams force
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ORDER INFO

COUNTRY LAYOUT	PANEL MOUNT WITH BEZEL	DEKSTOP VERSION
US Qwerty	KSGE92F1xxx-WLED	KSGE92S1xxx-WLED
Cyrillic Qwerty	KSGE92F7xxx-WLED	KSGE92S7xxx-WLED
German Qwertz	KSGE92F49xxx-WLED	KSGE92S49xxx-WLED

DIMENSIONAL DRAWING

PANEL MOUNT





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DIMENSIONAL DRAWING

DESKTOP VERSION

