



enclosed



panel mount

- 103 keys, short travel
- 50 mm ergonomic trackball
- IP67 sealing

## BACKLIT KEYBOARD WITH ERGONOMIC TRACKBALL

Keyboard with trackball for the most demanding jobs. This 103 key backlit keyboard has a multi-functional layout with separate numerical- and control keypads and integrates a waterproof IP68 sealed ergonomic trackball with scroll wheel.

### MAIN FEATURES

- Sealing to IP67
- User-friendly layout with separate numerical-, control- and function keypads
- USB connection
- 50 mm waterproof ergonomic trackball with hall-effect scroll wheel
- Removable ball for easy cleaning
- Integrated left, middle and right switch functionality
- High brightness LED's with fibre optic technology
- Low power LED's warrant for a long life
- No external power supply necessary, keyboard port power sufficient
- Dimmable white backlighting at 8 levels by two dedicated keys
- Customized backlight control by an external DC voltage, PWM signal or potentiometer is available on request

#### Panel mount version

- Black anodised aluminium carrier
- Front panel mounting by means of M4 threaded studs.
- The rear side components are protected by a covering metal plate
- Dimensions / weight : 214 x 544 x 30/64 mm / 1,7 kg

#### Desktop version

- Robust, high impact polystyrene (HIPS) enclosure
- Dimensions / weight : 217 x 547 x 63/122 mm / 3,2 kg

### CONNECTIVITY

Two 1,6 meter shielded USB cables

### GENERAL TECHNICAL SPECIFICATIONS

#### KEYBOARD

Sealing	IP67 sealed
Keys	103 short travel switches, tactile feel switches with 0,3 mm travel and 2,55 N operating force
Output	1.6 m shielded USB cables
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 MODULE

Ball diameter	Ø50.8mm (2")
Ball material	Epoxy resin, metallic grey
Tracking force	30-80 grams – PTFE seal
Ball load	200N (20Kg) maximum downward pressure for 2 minutes @ 20°C
Resolvable ball speed	30 IPS (inches per second)
Tracking engine	Infra-red optical navigation technology
Removable ring style/colour	Bayonet style locking ring/black

#### SCROLL WHEEL

Wheel diameter	Ø25mm
Wheel material & colour	PC/ABS, grey
Encoding technology	Hall effect
Detent-scrolling force	30 grams nominal

#### MOUSE BUTTONS

Switch actuation force	150 ± 50 grams force
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### ORDER INFO

COUNTRY LAYOUT	PANEL MOUNT	DESKTOP
US Qwerty	<a href="#">KSME103B1USB-WLED</a>	<a href="#">KSME103S1USB-WLED</a>
Cyrillic Russian	<a href="#">KSME103B7USB-WLED</a>	<a href="#">KSME103S7USB-WLED</a>
French Azerty	<a href="#">KSME103B33USB-WLED</a>	<a href="#">KSME103S33USB-WLED</a>
UK United Kingdom	<a href="#">KSME103B44USB-WLED</a>	<a href="#">KSME103S44USB-WLED</a>
Danish	<a href="#">KSME103B45USB-WLED</a>	<a href="#">KSME103S45USB-WLED</a>
Swedish	<a href="#">KSME103B46USB-WLED</a>	<a href="#">KSME103S46USB-WLED</a>
German Qwertz	<a href="#">KSME103B49USB-WLED</a>	<a href="#">KSME103S49USB-WLED</a>
Korean	<a href="#">KSME103B82USB-WLED</a>	<a href="#">KSME103S82USB-WLED</a>
Turkish	<a href="#">KSME103B90USB-WLED</a>	<a href="#">KSME103S90USB-WLED</a>

White backlighting as standard, other colours on request

USB output

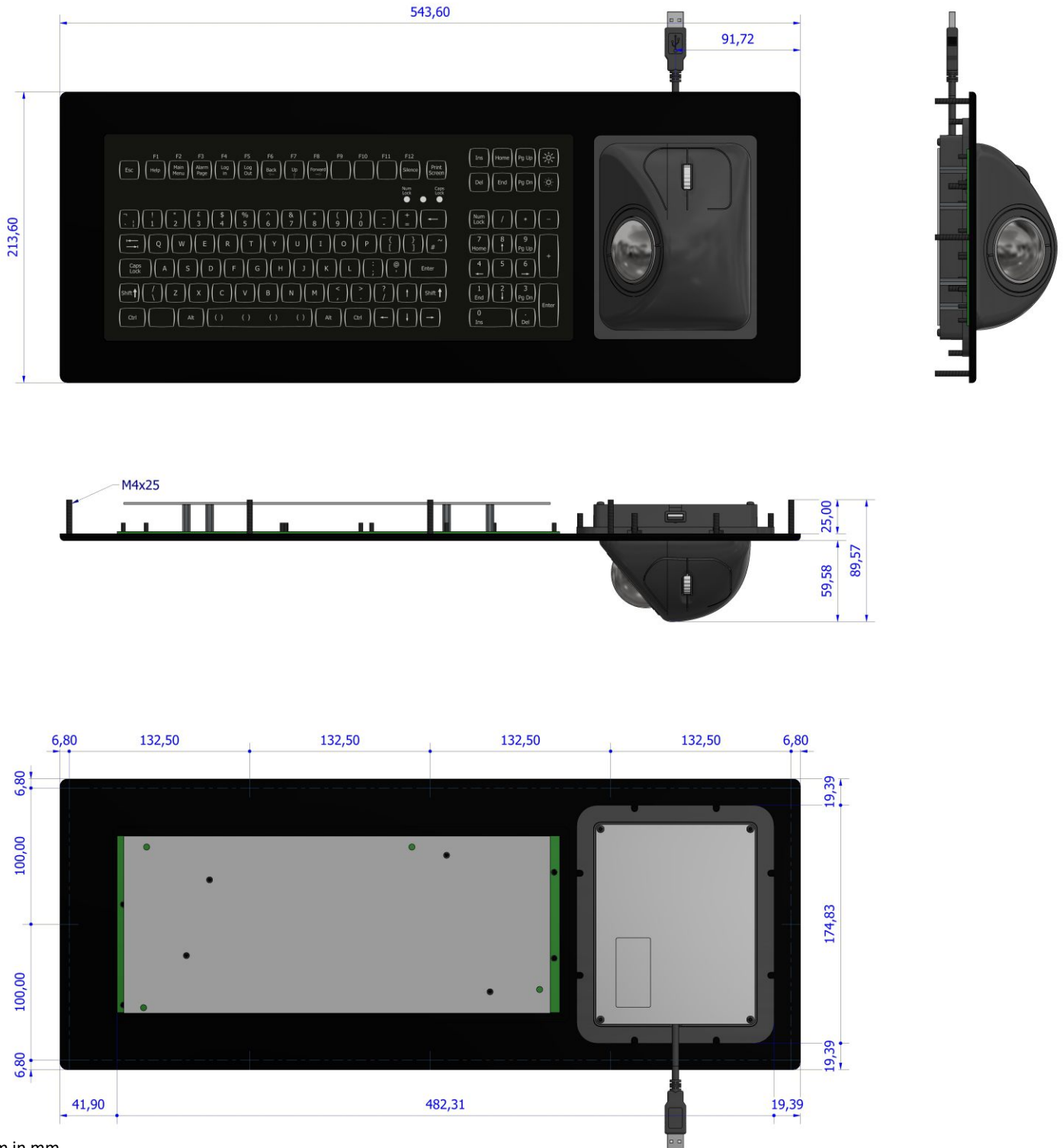


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DIMENSIONAL DRAWING

Panel mount version



Dim in mm.

COLOURS

Keyboard & Key Background : PANTONE Black 2 C 2X

Key edges & key legends : white Translucent

The company reserves the right to alter without prior knowledge the specification or design of any standard product or service.

DIMENSIONAL DRAWING

Desktop version



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