



panel mount



desktop



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

## IEC60945 MARINE KEYBOARD WITH ERGONOMIC

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

- Certificate of Conformity fully compliant with IEC60945
- 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

### CONNECTIVITY

Two 1,6 meter shielded USB cables

### GENERAL TECHNICAL SPECIFICATIONS

#### KEYBOARD

Sealing  
Keys

IP67 sealed

103 short travel switches, tactile feel switches with 0,3 mm travel and 2,55 N operating force

Output  
Power requirements  
Operating temp.  
Front layer

1.6 m shielded USB cables

Directly from USB port

-15°C to +60°C

Black polyester front layer with embossed keys, scratch and chemical resistant

#### TRACKBALL MODULE

Ball diameter  
Ball material  
Tracking force  
Ball load

Ø50.8mm (2")

Epoxy resin, metallic grey

30-80 grams – PTFE seal

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  
Wheel material & colour  
Encoding technology  
Detent-scrolling force

Ø25mm

PC/ABS, grey

Hall effect

30 grams nominal

#### MOUSE BUTTONS

Switch actuation force

150 ± 50 grams force

### ORDER INFO

COUNTRY LAYOUT	PANEL MOUNT	DESKTOP
US Qwerty	<b>KSME103B0001USB-W-MC1</b>	<b>KSME103S0001USB-W-MC1</b>
Cyrillic Russian	<b>KSME103B0007USB-W-MC1</b>	<b>KSME103S0007USB-W-MC1</b>
French Azerty	<b>KSME103B0033USB-W-MC1</b>	<b>KSME103S0033USB-W-MC1</b>
UK United Kingdom	<b>KSME103B0044USB-W-MC1</b>	<b>KSME103S0044USB-W-MC1</b>
Danish	<b>KSME103B0045USB-W-MC1</b>	<b>KSME103S0045USB-W-MC1</b>
Swedish	<b>KSME103B0046USB-W-MC1</b>	<b>KSME103S0046USB-W-MC1</b>
German Qwertz	<b>KSME103B0049USB-W-MC1</b>	<b>KSME103S0049USB-W-MC1</b>
Korean	<b>KSME103B0082USB-W-MC1</b>	<b>KSME103S0082USB-W-MC1</b>
Turkish	<b>KSME103B0090USB-W-MC1</b>	<b>KSME103S0090USB-W-MC1</b>

White backlighting as standard,  
other colours on request

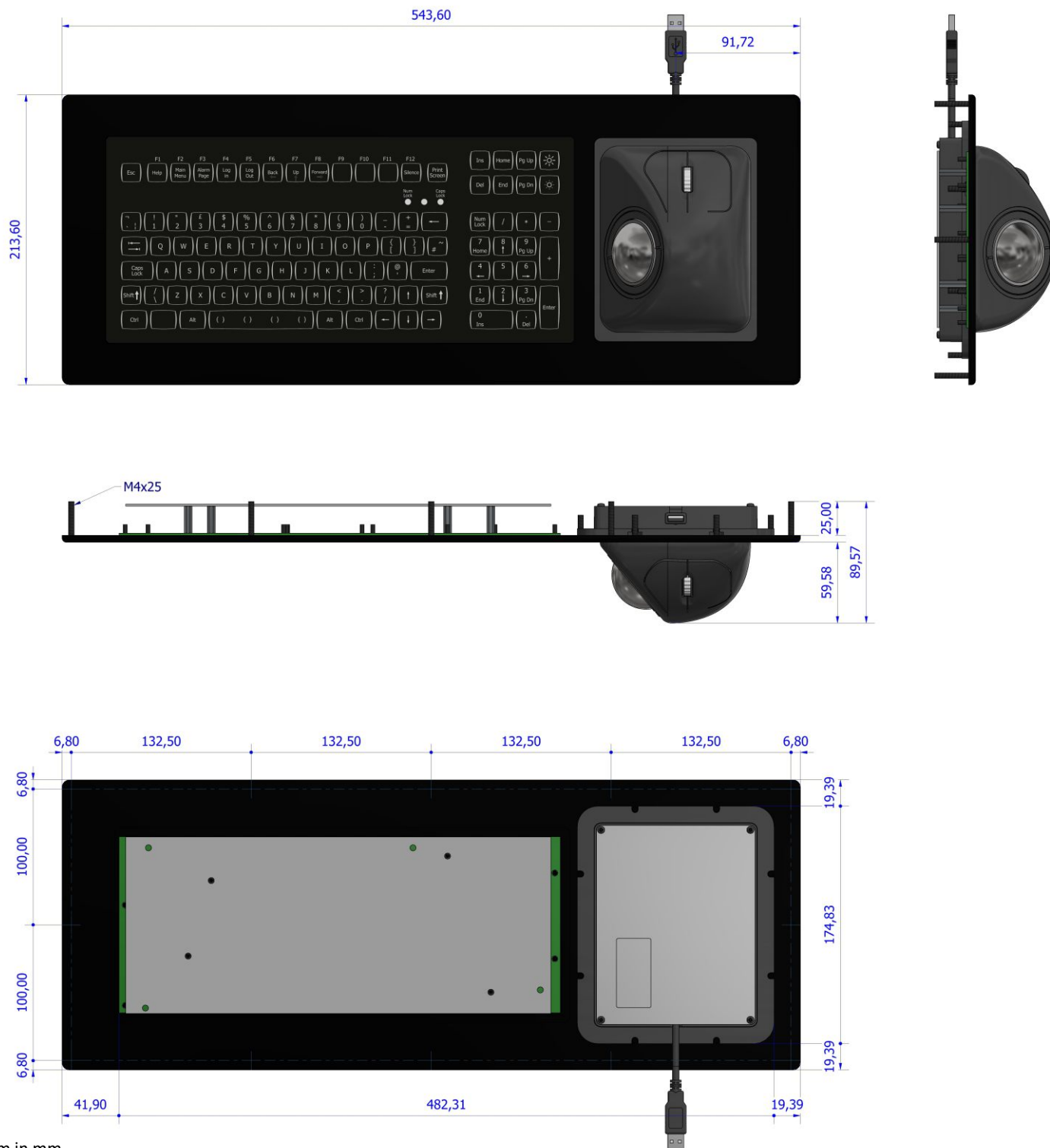
USB output



## DIMENSIONAL DRAWING

panel mount version

KSME103-MC1



Dim in mm.

## COLOURS

Keyboard &amp; Key Background : PANTONE Black 2 C 2X

Key edges &amp; 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

KSME103-MC1



Dim in mm.

## COLOURS

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