



desktop version

panel mount



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

## IEC60945 MARINE KEYBOARD WITH ERGONOMIC TRACKBALL

Multi-functional keyboard with separate numerical and control keys, complemented by an integrated ergonomic 50mm 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

- Certificate of Conformity fully compliant with IEC60945
- Sealing to IP67
- User-friendly layout with separate numerical-, control- and function keypads
- 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 55mm ball for easy cleaning
- No external power supply necessary
- No special driver required

### 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: 214 x 544 x 30/64 mm
- Weight: 1,7 kg

### DESKTOP VERSION

- The keyboard is mounted in a robust, all steel enclosure
- Industrial epoxy coating (mid-grey).
- Dimensions: 217x 547 x 63/122 mm
- Weight: 3,2 kg

### 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  
2 USB cables 1,8m type A connector  
Directly from USB port  
-15°C to +70°C  
Black polyester front layer with embossed keys, scratch and chemical resistant

Output  
Power requirements  
Operating temp.  
Front layer

#### TRACKBALL

Housing material  
Housing colour/finish  
Base plate finish  
Ball size/material  
Tracking force

PC/ABS  
Black/fine-textured finish  
Bead blasted & clear anodised  
Ø50.81mm (2")/Epoxy resin  
20 grams nominal – damper ring seal  
30-80 grams – PTFE seal  
200N (20Kg) maximum downward pressure for 2 minutes @ 20°C  
30 IPS (inches per second)  
Infra-red optical navigation technology  
Bayonet style locking ring/black

Ball load

Resolvable ball speed  
Tracking engine  
Removable ring

#### SCROLL WHEEL

Wheel diameter  
Wheel material  
Wheel colour  
Encoding technology  
Detent-scrolling force

Ø25mm  
PC/ABS  
Grey  
Hall effect  
30 grams nominal

#### LEFT/RIGHT SWITCH

Switch actuation force

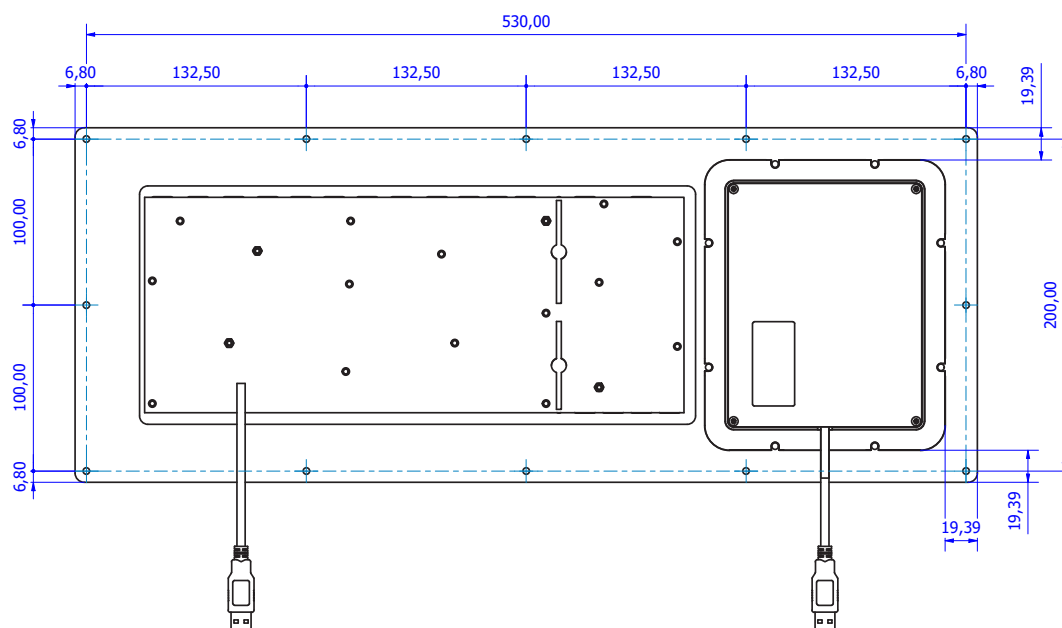
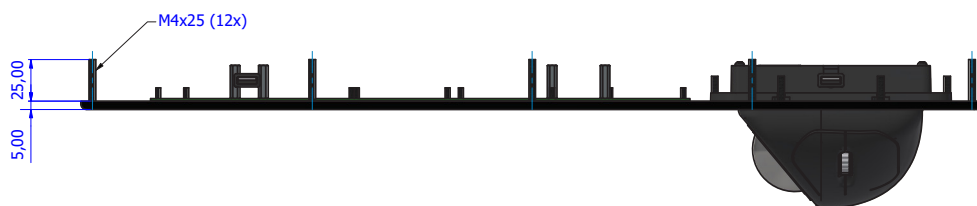
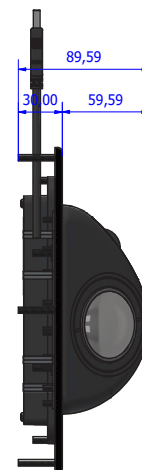
250 ± 100 grams force

### ORDER INFO

COUNTRY LAYOUT	PANEL MOUNT	DEKSTOP VERSION
US Qwerty	KSME103B0001-W-MC1	KSME103S0001-W-MC1
Cyrillic Qwerty	KSME103B0007-W-MC1	KSME103S0007-W-MC1
French Azerty	KSME103B0033-W-MC1	KSME103S0033-W-MC1
UK Qwerty	KSME103B0044-W-MC1	KSME103S0044-W-MC1
Dannish Qwerty	KSME103B0045-W-MC1	KSME103S0045-W-MC1
Swedish Qwerty	KSME103B0046-W-MC1	KSME103S0046-W-MC1
German Qwertz	KSME103B0049-W-MC1	KSME103S0049-W-MC1
Korean Qwerty	KSME103B0082-W-MC1	KSME103S0082-W-MC1
Turkish Qwerty	KSME103B0090-W-MC1	KSME103S0090-W-MC1

**DIMENSIONAL DRAWING**

**PANEL MOUNT**



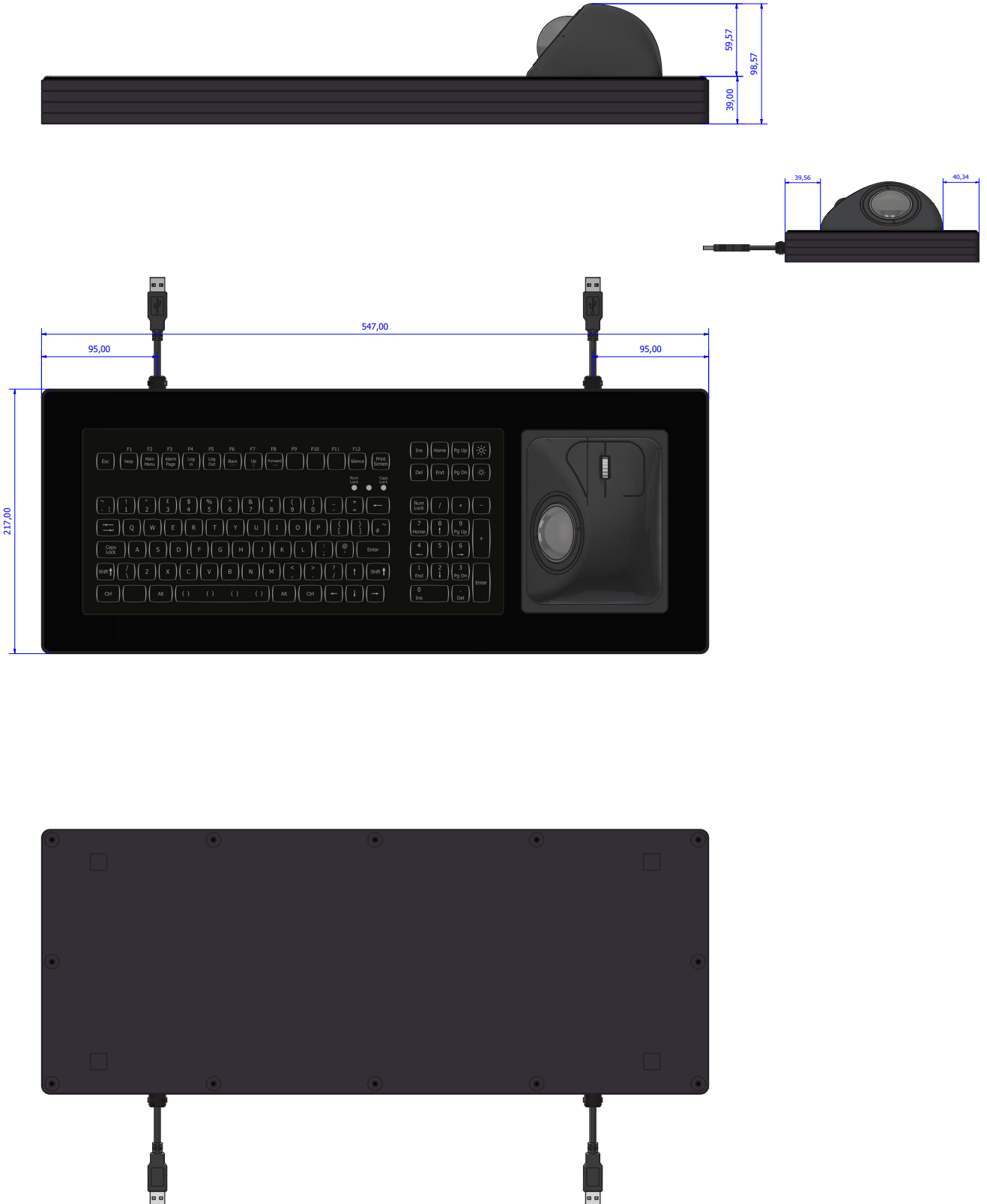
**COLOURS**

- 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**



**COLOURS**

- Keyboard & Key Background: Pantone Black 2 C 2X
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