

106 KEY LED BACKLIT KEYBOARD with 50mm trackball



DuraLight

KSML106-LED

106 key backlit "Duralight" keyboard with long life, low power LED backlighting using fiber optics techniques. The KSML106-LED series has a multi-functional layout with separate numerical- and control keypads and integrates a large 50mm industrial trackball. Illumination of the key legends and contour, the trackball contour and even customer logo's or trademarks.

Panel mount version : Front panel mounting by means of M3 threaded studs. The added silicon sponge seal assures the sealing into the user's cabinet. The rear side components are protected by a covering metal plate. We recommend the use of the optional frontal covering bezel in case the keyboard can not be sunk mounted.

Enclosed version : The keyboard is mounted in a robust, all steel enclosure.

Main features

- User-friendly layout with separate numerical-, control- and function keypads
- High brightness LED's with fibre optics
- Illumination of the key legends and contour, the trackball contour and even customer logo's or trademarks.
- Low power LED's warrant for a long life
- No external power supply necessary, keyboard port power sufficient
- Dimmable backlighting at 8 levels by two dedicated keys
- Intelligent luminosity setting of "numlock" and capslock" LED's
- White backlighting as standard, other colours on request.

SPECIFICATIONS

- Sealing : IP65 sealed
- Keys : 106 short travel switches, tactile feel switches with 0,3 mm travel and 2,55 N operating force
- Pointing Device : 50 mm trackball, black epoxy resin ball
- Operating temp. : 0°C to +60°C
- Panel mount version : Aluminium carrier and silicone sponge panel sealing
- Enclosed version : Steel enclosure with industrial epoxy coating (mid grey)
- Power requirements : Directly from PS/2 or USB port
- Front layer : Black polyester front layer with embossed keys, scratch and chemical resistant
- Dimensions, weight : Panel mount version : 432 x 152 x 45 mm / 1,2 kg  
Enclosed version : 475 x 215 x 57 mm / 3,5 kg

ORDER INFO

LAYOUT	PANEL MOUNT	ENCLOSED
US Qwerty	KSML106 F1 xxx-zLED	KSML106 S1 xxx-zLED

xxx = protocol output : PS/2 or USB  
z = backlighting colour : W = white / R = red

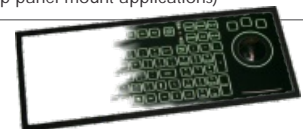
CONNECTIVITY

The PS/2 keyboards are supplied with two 1,6 m long shielded straight cable ended with 6 pin mini DIN plugs. The USB versions are supplied with one 1,6m long shielded straight cable ended by a USB type A connector.

*\* Due to the increasing differences of PS/2 mouse port specifications of the various PC manufacturers, we do recommend that this unit should be tested on the final PC configuration and operating system prior to installing it in series.*

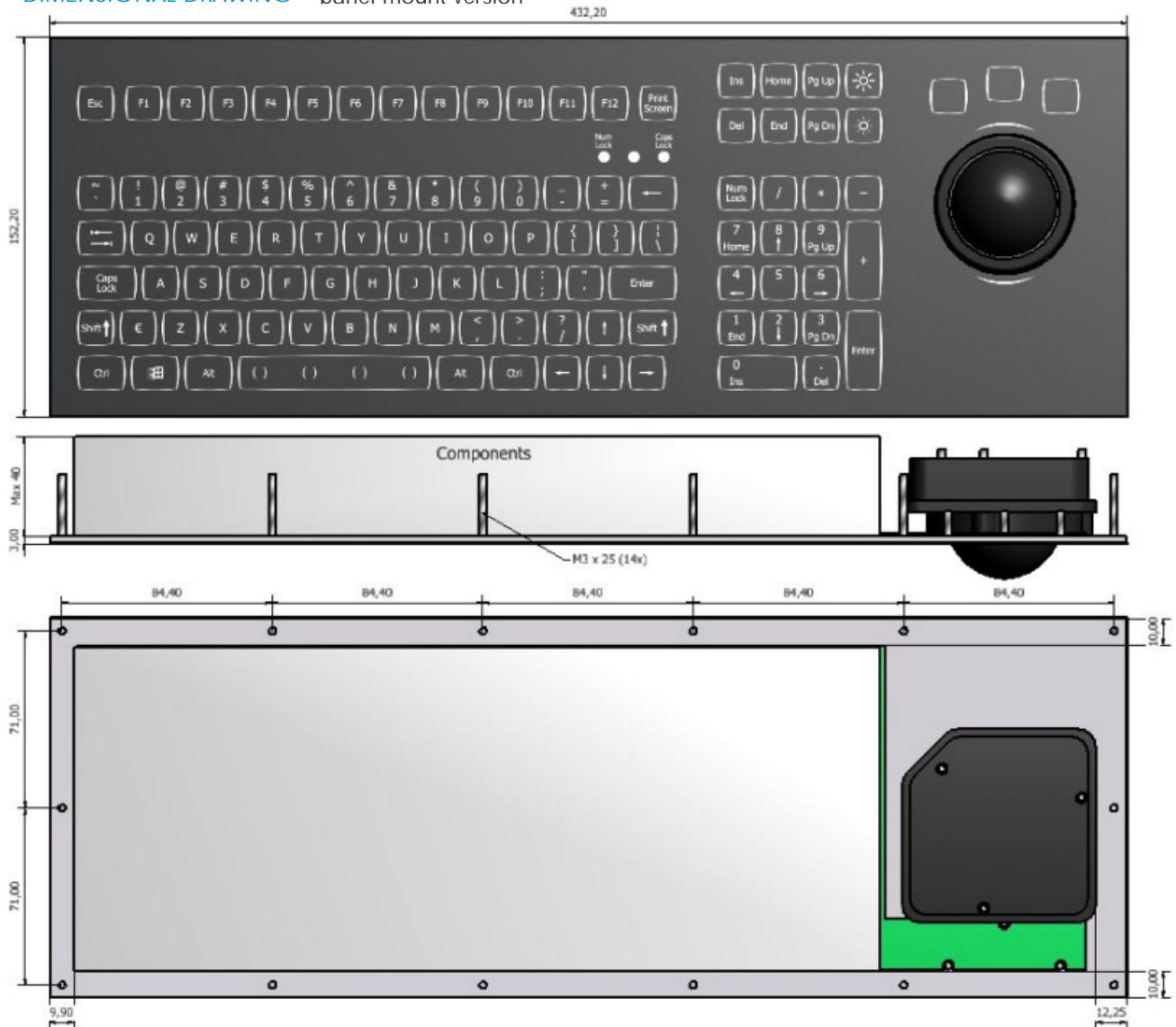
OPTIONAL

CFR-02 Covering bezel in blackened aluminium (for top panel mount applications)



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DIMENSIONAL DRAWING panel mount version



enclosed version



COLOURS  
Keyboard & Key Background :  
PANTONE Black 2 C 2X  
Key edges & key legends :  
white Translucent