

80 KEY LED BACKLIT KEYBOARD with 38mm trackball

DuraLight 



KSTM80-LED

The KSTM80-LED series features an 80 key industrial keyboard with an integrated 38mm industrial trackball. High brightness white LED's do not only highlight the key legends, as in most LED backlit keyboards, but also the key edges, the trackball contour and even possible customer logo's or trademarks. LED's warrant for a long life while an external power supply is not necessary; the power from the keyboard port being sufficient. The keyboard uses short travel switches with low pressure and positive tactile feedback and emulates all major key functions of a large multifunctional keyboard due to its "Fn" key mapping. The industry proven 38mm trackball provides a comfortable and accurate control over the cursor.

Front panel mount The keyboard is back panel mounted into a bezel fitted with twelve M3-threaded studs for ease of front panel mounting into the user's panel or cabinet. The added silicon sponge seal assures the sealing into the users' cabinet.

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

Note : for OEM applications, the panel mount versions can be supplied without bezel (back panel mount)

BACKLIGHTING DESCRIPTION

High brightness, low power, white LED's. The illumination intensity is full scale controllable and will increase by holding down the "☀" key (FAST setting, max 7 seconds) or by sequentially pressing it (FINE setting). Decreasing the illumination intensity is accomplished by operating the "☀" key together with the "Fn" key and in the same manner as above.

The last dimming position is automatically memorized at power off and restored at power on.

SPECIFICATIONS

- Sealing : IP65 sealed
- Keys : 80 short travel switches
- Pointing Device : 38 mm trackball
- Output : 1,6 m. PS/2 or USB cable(s)
- Dimensions panel mount : 347 x 163 x 40 mm
- Dimensions enclosed : 337 x 195 x 45 mm
- Weight : 1,3 kg / 2,2 kg

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.*

ORDER INFO

LAYOUT	PANEL MOUNT	ENCLOSED
US Qwerty	KSTM80 F1 xxx-LED	KSTM80 S1 xxx-LED

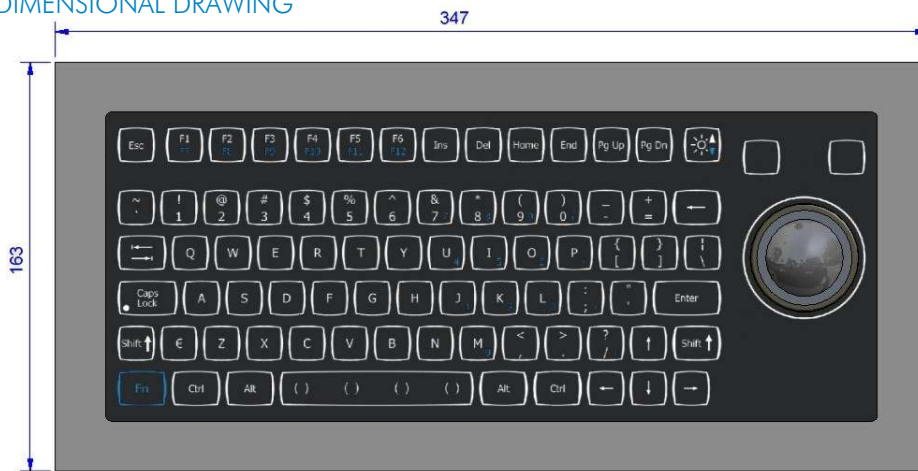
xxx = protocol output : PS/2 or USB

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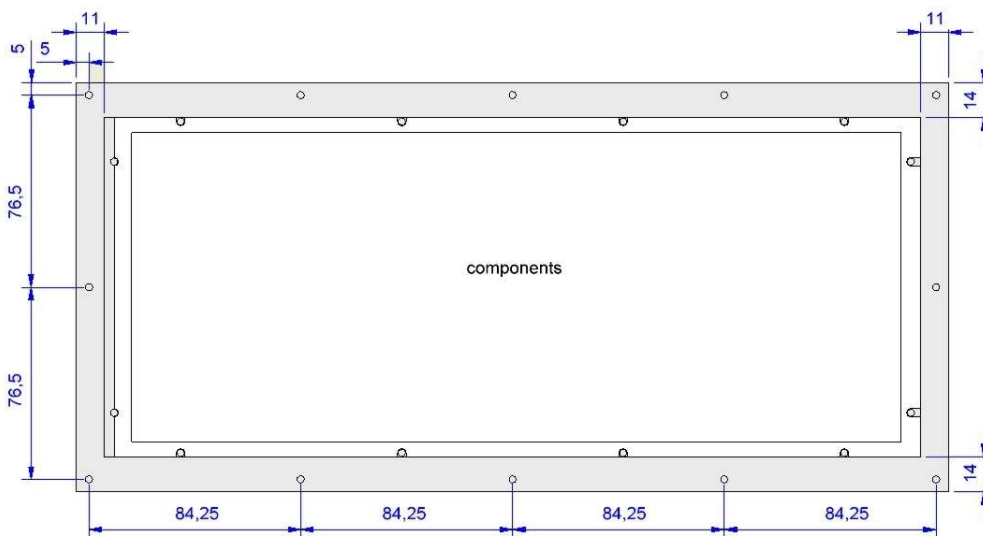
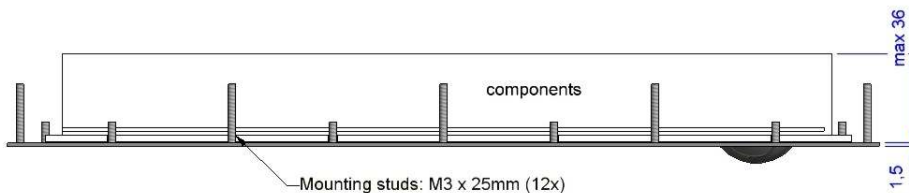
TECHNICAL DATA & FEATURES

- Full surface backlit with long life, high brightness, white LED's
- Illumination of key legends, key edges and trackball contour
- Full scale control over illumination intensity
- Illumination setting stored at power off
- No external power necessary, keyboard port power sufficient.
- Switches with travel of 0,3mm and with pressure of 2,55 N
- Positive tactile feedback and key embossing
- Compact layout with availability of all major keys
- Separate numeric keypad access via "Fn" key
- Industry proven 38mm trackball with black epoxy ball
- Polyester overlay , scratch and chemical resistant
- Sealing : IP67 for the keyboard part,
IP65 static for the trackball
- Operating temperature range : 0°C to +60°C

DIMENSIONAL DRAWING



colour description :	
	RAL 9011 graphite black
	RAL 9010 true white
	PANTONE 3005 C blue
	enclosure and bezel RAL 7037 dusty grey



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