

105 KEY EL BACKLIT KEYBOARD with 50mm trackball

"Night Vision" 



KSTL105-BLEL

Based on the standard 105 key short travel keyboard, this unit combines all functions, controls and features for comfortable key input and cursor control under low light conditions as well as under normal daylight. This sealed industrial keyboard integrates a 50mm large industrial grade trackball for accurate and precise cursor control. The key legends, the key edges and the trackball contour are backlit for ease of recognition at low light. The backlight is digitally dimmable at 8 distinctive levels in order to set it to the operators' best comfort. An automatic night/day sensor controls the on/off setting of the backlight and the luminosity of the "numlock" and "capslock" Led's. Several internal features warrant for a longer life of the backlighting source.

- best operator comfort by backlit legends, key edges and trackball contour
- digitally dimmable backlighting at 8 levels by pressing one defined key
- automatic day/night switching of the backlight
- automatic day/night luminosity setting of the "numlock" and "capslock" LED's
- backlighting independent of the PC port supply for maximum intensity settings
- state-of-the-art, mechanically reinforced backlighting source for prolonged life
- MF layout with 105 short travel tactile keys, IP67 sealing
- 50mm large, industrial grade trackball, IP65 static sealing
- PS/2 or USB outputs for keyboard and trackball

BACKLIGHTING SYSTEM

Use of an electro-luminescent (EL) lamp from a specialized, reputable source with many years of field experience in naval and aeronautics applications. The EL lamp has an aluminium base layer for longest mechanical life under intensive switch operations. Thanks to the automatic night/day on/off switching and to the dimmable light intensity, the useful life is at least 10.000 hours and the expected useful life under low light conditions (light source intensity of 10 cd/m²) is more than 20.000 hours.

SPECIFICATIONS

- Sealing : IP65 sealed
- Keys : 106 short travel switches
- Pointing Device : 50 mm trackball
- Output : 1,6 m. PS/2 or USB cable(s)
- Dimensions panel mount : 432 x 152 x 40 mm
- Dimensions enclosed : 475 x 215 x 57 mm
- Weight : 1,2 kg / 3,5 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	KSTL105 F1 xxx-BLEL	KSTL105 S1 xxx-BLEL
German Qwertz	KSTL105 F49 xxx-BLEL	KSTL105 S49 xxx-BLEL

xxx = protocol output : PS/2 or USB

OPTIONAL

ADT1512-T3 100~240VAC to 12VDC/15W power adapter, table type supplied without the power cord (specific for each country)



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



