



## ***SIK-2500 the illuminated silicone keyboard***



### **Description**

The SIK-2500 is an alphanumeric keyboard with a unique silicone surface. It is specially designed for use in the harsh environments, rugged application and general industrial applications. Other application for this keyboard also include the food industry and in other fields of activity where extreme environmental conditions are present.

The special silicon surface protects against dust and liquids, the hermetic seal allows use of the entire keyboard and the unit meets the IP65 rating for protection. This new keypad technology and the design of the unit allows operators to work seamlessly even when the operators need to wear protective gloves. The key surface makes use of a special epoxy-resin to provide additional abrasion protection. One special feature of this keyboard is the use of backlighting on each of the key buttons, providing reliable operation in harsh and limited lighting conditions.

### **Features include:-**

- Illuminated USB Keyboard with unique silicone surface
- Key click volume adjustable
- Key illumination can be adjusted in duration and intensity
- Software update via USB interface
- Key codes User programmable via USB interface
- Resistant to liquids, such as: - hand lotion, sweat, soap, Detergent, motor oil, gear oil, diesel, Alcohol, antifreeze etc
- Keys resistant to abrasion (Epoxy-coating)

## Reliability

- Dust-tight and protected against water jets

PrehKeyTec GmbH is a leading international manufacturer of high-quality data input systems, these include modular standard keyboards, customer specific/custom keyboards, providing highly flexible designs and supreme reliability, particularly where professional applications need to deliver operational benefits and functionality.

## SIK-2500 Specifications

<b>Key layout</b>	German or international comp 18 mm key pitch
<b>Colour</b>	Black (similar to RAL 9011)
<b>PC connection</b>	USB interface (<500 mA including lighting)
<b>Lighting</b>	Red LED by each key • 2 status LEDs (NUM and CAPS))
<b>Life</b>	> 1 million operations per key
<b>EMI / ESD</b>	• The permissible limits are following regulations observed regarding interference / ESD: 1) CE 2) EN55022, FCC Part 15 Subpart B Class A Electrostatic Discharge according to EN61000-4-2, according to test $\pm 8$ kV contact discharge. Electromagnetic field according to DIN EN61000-4-3, 10 V / m. 3) EN60601-1-2
<b>Weight</b>	• Approx. 1200g without packaging

