

KBD301 Keyboard



Full Size – Full functionality

The rugged MilDef KBD301 keyboard features a full-size number pad and an integrated resistive trackpad allowing its operator full control even while wearing gloves. Low profile, backlit keys facilitate operations in low-light environments. To help prevent accidental data entry in air- or vehicle borne installations a manual data entry lock is integrated. The CNC milled aluminum case, IP54 certified keyboard could be detached or fixed to a flat surface using M4 screws.

Guaranteed performance

Our products always come with lifetime support to ensure your equipment maintains peak performance for many missions to come.

KBD301 Keyboard

Technical Specification

Description	Backlit Keyboard with 87 layout + Numpad.
Interfaces	1 x USB 2.0 (38999)
Features	<ul style="list-style-type: none"> • Integrated trackpad (including buttons). • Integrated numpad. • Protected against dirt and dust (rubber sealing or similar). • Possibility to fasten with four M4 screws. • Data entry lock that prohibits data entry (keyboard, pointing device) when activated. Easy to visually verify the position of the data entry lock.
Case	CNC milled Aluminum
Dimensions	398 x 220 x 15 mm (W x D x H)
Weight	0.8 kg
Certifications	IP54, MIL-STD-810G* and MIL-STD-461F*

*Contact MilDef for full specifications of MIL-STD-810G and MIL-STD-461F

MIL-STD-810G	Operating	Storage
Altitude Method 500.5, (Procedure I, II, III)	Ground areas: 54 kPa 5000 m (16405 ft.) Air transport: 17 kPa 12192 m (40000 ft)	12192 m (40000 ft)
Temperature Method 501.5 & 502.5, (Procedure I, II)	-40 °C to 71 °C (-40 °F to 160 °F)	-40 °C to 71 °C (-40 °F to 160 °F)
Temperature Shock Method 503.5 (Procedure I)	-40 °C to 55 °C (-40 °F to 131 °F)	-
Shock Method 516.6, (Procedure I and IV)	40 G, 11 ms 3 shocks in each of six directions	Transient Drop, 1 drop per face/edge/corner from 122 cm. Total 26 drops (test specimens in a Peli Case)
Vibration Method 514.6 (Procedure I, Category 2, 14 & 20)	Category 14 – Helicopter, Broadband background Category 20 (a and b) – Ground Vehicles, Wheeled vehicles and Track-laying vehicles	Category 2 - Shipping & Handling
Humidity Method 507.5, (Procedure II Aggravated)	24 h at 23° C/50 % RH + 10x24 h cycles at 30° to 60° C/95 % RH	24 h at 23° C/50 % RH + 10x24 h cycles at 30° to 60° C/95 % RH

Designed to meet:

MIL-STD-461F	Limitation	Threshold
EMI radiated Method RE102	2 MHz to 18 GHz	Navy Mobile & Army
EMI radiated Method RS103	2 MHz to 1 GHz	Army
EMI conducted Method CE102	10 kHz to 10 Mhz	Basic Curve
EMI conducted Method CS101	30Hz to 150 kHz	Curve #1
EMI conducted Method CS114	10 kHz to 200 MHz	Army
EMI conducted Method CS115	Tested according to standard	Army
EMI conducted Method CS116	10 kHz to 100 MHz	Army



ISO 9001: Certificate No. FM68727
ISO 14001: Certificate No. EM5554313



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