

# MILITARY KEYBOARD

Slim, Rugged Keyboard Offers Eight Levels of Backlighting, NEMA 4X protection and MIL-STD-461G



## Model: Ymil-1000

Ymil-1000 keyboard provides full-sized versatility in a rugged, compact design. It features eight levels of green LED backlighting, and is also available in a night vision (NVIS) compatible configuration. Engineered for NEMA 4X protection from dust, water and corrosive liquids, the Ymil-1000 is ideal for use in military applications, with 8 levels of green backlighting. The large numeric pad on the Ymil-1000 allows for easy data entry, while the robust polycarbonate case stands up in the roughest of conditions. Ideal for harsh EMI environments, this rugged keyboard is designed to meet MIL-STD-461G specifications.

### FEATURES:

- ABS Polycarbonate Frame
- Green Backlit Keys
- Slim, Compact Design
- USB
- Military
- Backlighting
- Meets MIL-STD-461G
- 1 Year Limited Warranty

### SPECIFICATIONS:

<b>CERTIFICATIONS</b>	NEMA 4X UL60950, FCC Part 15 Class B
<b>SHOCK</b>	3x11 ms pulses of 50g on each of 3 axis
<b>CABLE</b>	LENGTH: 10' straight (3 m)
<b>KEY SWITCH</b>	MATERIAL: Industrial silicone rubber LIFE: 10 million cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 7.05 oz +/- 1.06 oz (200g +/- 30g) FEEDBACK: Tactile with mechanical snap
<b>VIBRATION</b>	POWER SPECTRAL DENSITY: 0.04g/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hours
<b>POWER</b>	USB: 210mA@5V (from CPU port)
<b>COMPATABILITY</b>	USB KEYBOARD: All Windows and Macintosh OS
<b>TEMPERATURE RANGE</b>	STORAGE: -40C to +90C (-40F to +194F) OPERATING: -40C to +70C (-40F to +158F)
<b>WEIGHT</b>	2.00 lbs +/- 0.10 lbs (0.91 kg +/- 0.05 kg)
<b>WARRANTY</b>	1 Year Limited Warranty
<b>HUMIDITY</b>	100% Humidity Resistant
<b>DIMENSIONS</b>	14.60" x 5.55" x 0.92" (w-h-d) 370.8mm x 141mm x 23.4mm

**\*Specifications subject to change without notice, not responsible for typographical errors.**

**MECHANICAL DRAWING**

*This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.*



**FEATURES AND BENEFITS**

- 14.50" x 5.50" x 1.56" (w-h-d)
- 10-Key Numeric Pad
- 12 Function Keys
- Built-In Mounting Holes
- Integrated Backlighting
- MS Windows™ Function Keys
- MIL-461 Compatibility
- Six Layer PCB With Internal Dedicated Ground Plane Layers
- Green Backlight
- Eight Level Backlight Sequence (Off - 10% - 20% - 50% - 100% - 50% - 20% - 10% - Off)
- Available With Green NVIS Compatible Backlight

**KEY SWITCH**

MATERIAL: Industrial Silicone Rubber  
 LIFE: Greater Than 10 Million Cycles  
 TRAVEL: 0.055 in.  
 ACTUATION FORCE: 7.05 oz. +/- 1.06oz (200g +/- 30g)  
 FEEDBACK: Tactile with Mechanical Snap

**WEIGHT**

2.00 lbs +/- 0.10 lbs (0.91 kg +/- 0.05 kg)

**POWER**

USB: 210 mA@5V (from CPU port)

**VIBRATION**

POWER SPECTRAL DENSITY: .04g<sup>2</sup>/HZ  
 FREQUENCY RANGE: 20Hz-2Khz  
 DURATION OF TEST PER AXIS: 3 hours

**TEMPERATURE RANGE**

STORAGE: -40°F to +194°F (-40°C to +90°C)  
 OPERATING: -40°F to +158°F (-40°C to +70°C)

**HUMIDITY**

100% Humidity Resistant

**SHOCK**

3 X 11 ms pulses of 50g on each of 3 axis