

# SLP-81

## Compact Backlit Industrial Keyboard

The SLP-81 provides a solution for low-light areas where size constraints exist. Its compact design and durable construction ensure mobility and durability no matter the application. Integrated backlighting ensures functionality in low-light environments. The SLP-81 is completely sealed and designed to meet NEMA 4X specifications.



### Technical Specifications

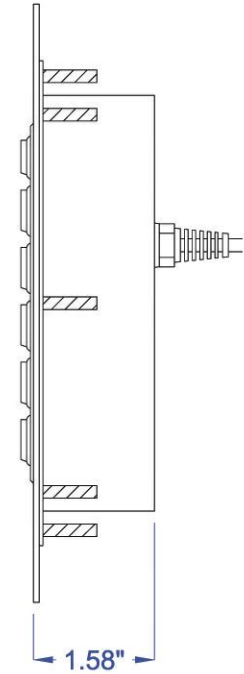
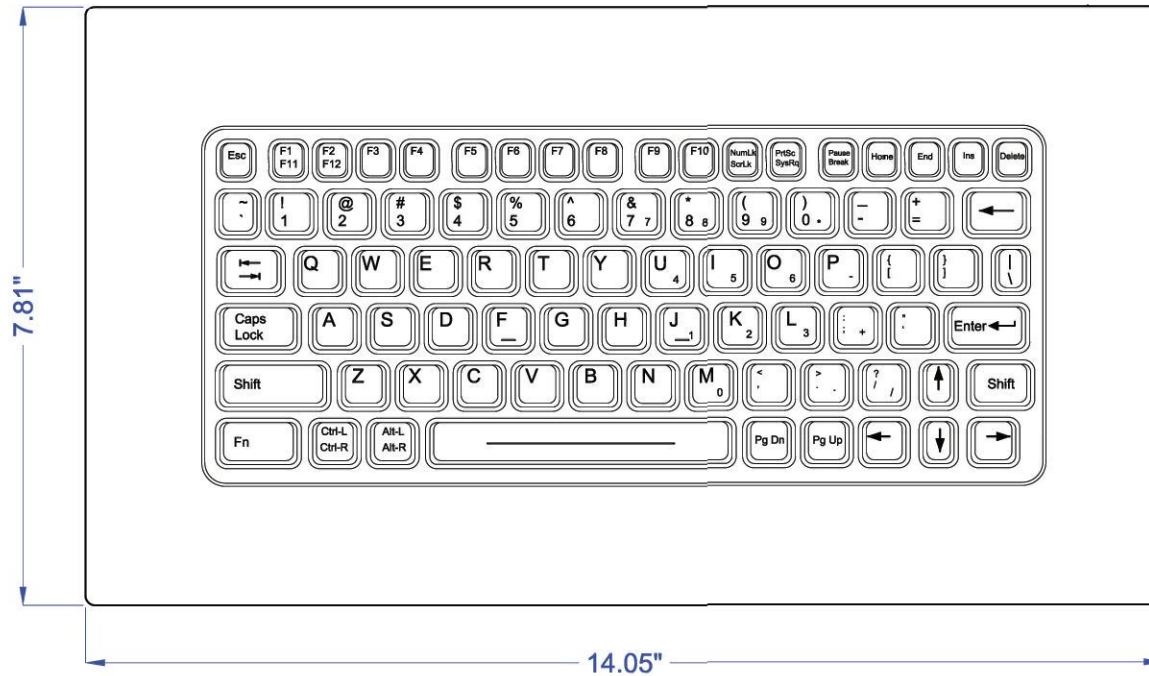
Certifications	NEMA 4X, CE UL60950, FCC Part 15 Class B
Shock	3x11 ms pulses of 50g on each of 3 axes
Cable	LENGTH: 10 feet (3 meters) DESIGN: PS/2, USB or AT Cable
Key Switch	MATERIAL: Industrial Silicone Rubber . LIFE: Greater than 10 Million Cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 6.35 oz. +/- 1.06 oz. (180g +/- 30g) FEEDBACK: Tactile with Mechanical Snap
Vibration	POWER SPECTRAL DENSITY: 0.04g/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hours
Power	PS/2: 200mA@5V (from Keyboard port) USB: 200mA@5V (from CPU port)
Flammability	PRINTED CIRCUIT BOARD: 94 VO SILICONE OVERLAY: 94 HB INTERFACE CABLE: 94 VO
Compatibility	PS/2: All Windows Operating Systems USB: All Windows and Macintosh OS
Temperature Range	STORAGE: -40C to +90C (-40F to +194F) OPERATING: -40C to +70C (-40F to +158F)
Weight	3.50 lbs (1.59 kg)
Warranty	1 year limited warranty
Humidity	100%
Dimensions	14.05" x 7.81" x 1.58" (w-h-d) 356.9mm x 198.4mm x 40.1mm
Model Numbers	

### Features and Benefits

- 12 Function Keys
- Industrial Silicone Rubber Keypad
- USB, PS/2 and AT Configurations Available
- 81-Key Functionality
- Numlock Key for Secondary Keyboard

# SLP-81

DATE	CHANGES	INTL	REV
12.09.05	Original		1.00
12.09.08	Updated Format	JB	1.00



## KEY SWITCH

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 FEEDBACK: Tactile with Mechanical Snap

## POWER

PS2: 200mA@5V (from Keyboard port)  
 USB: 200mA@5V (from CPU port)

## 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

## VIBRATION

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

## SHOCK

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

## WEIGHT

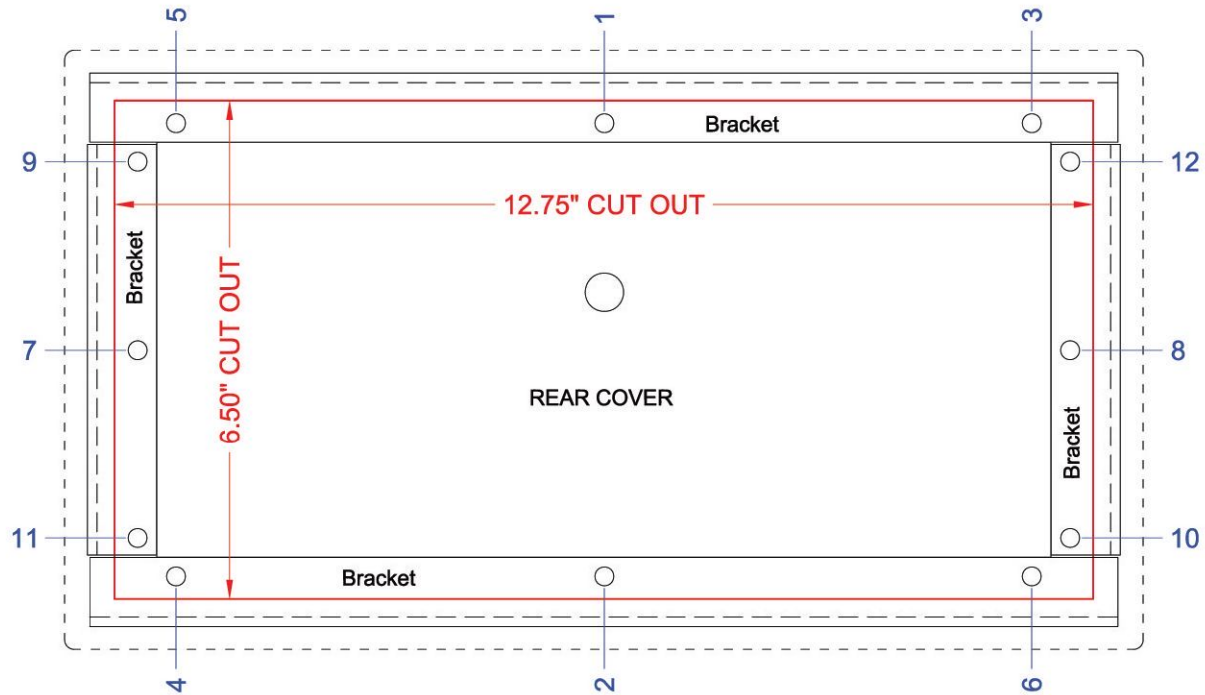
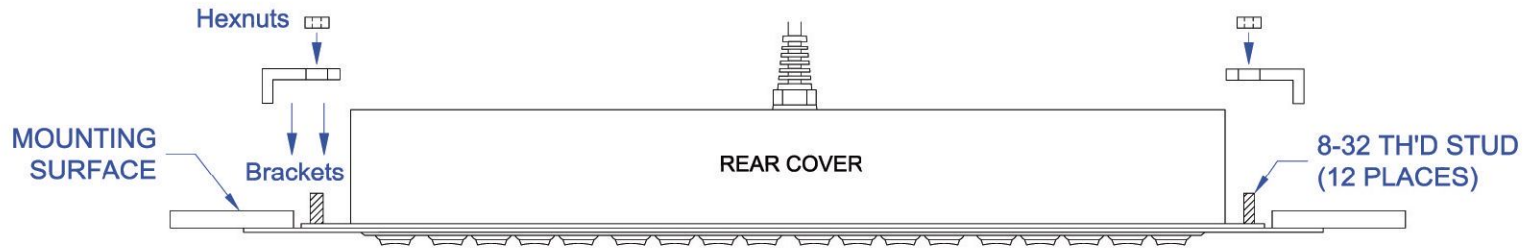
3.50 lbs +/- 0.10 lbs (1.59 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2.5

Part Number: SLP-81	Drawing Number: MKT0056	Sheet: 1 OF 2	
Drawing Title: SLP-81-MKT	Revision: 1.00	Date: 12.09.08	JWB

# SLP-81 BACK / MOUNTING



ENCLOSURE CASE: Stainless Steel

1. PLACE UNIT IN 6.5" x 12.75" CUT PIT
2. PLACE 4 BRACKETS ON EACH SIDE AND HAND TIGHTEN LOCKING HEXNUTS OVER ALL 12 8-32 STUDS
3. TIGHTEN WITH TORQUE WRENCH (15 IN.LB.) IN ORDER SHOWN (1-12) ABOVE

PROPRIETARY AND CONFIDENTIAL

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