

# PM-5K

## Panel Mount Keyboard with HulaPoint II™

The PM-5K combines a HulaPoint II™ pointing device and a 10-key numeric keypad in a ruggedized stainless steel case to provide dual functionality. This keyboard also offers user Windows keys for ease of access to the operating system. Its integrated HulaPoint II™ pointing device makes the PM-5K a total solution in one convenient package.



### Technical Specifications

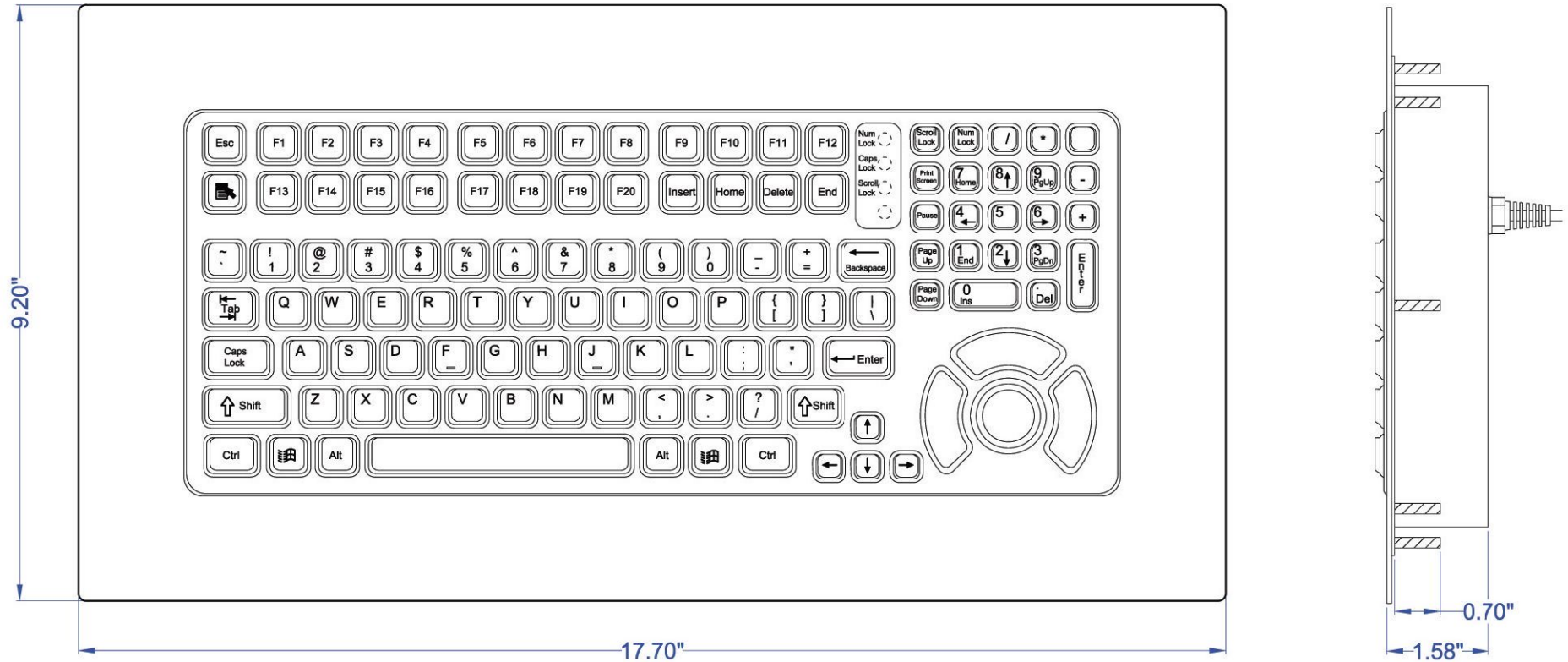
|                   |  |
|-------------------|--|
| Certifications    | NEMA 4X UL60950, FCC Part 15 Class B   |
| Shock             | 3x11 ms pulses of 50g on each of 3 axes  |
| Cable             | LENGTH: 10 feet (3 meters) DESIGN: "Y" PS/2 or AT/serial Cable (providing separate keyboard and mouse connections), or Single-Cable USB  |
| Key Switch        | MATERIAL: Industrial Silicone Rubber LIFE: Greater than 10 Million Cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 7.03 oz. +/- 1.06 oz. (200g +/- 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 or AT/Serial: KEYBOARD: 50mA@5V (from Keyboard port) HULAPOINT: 35mA@5V (from Mouse port) USB: 85mA@5V (from CPU port)  |
| Compatibility     | PS/2 KEYBOARD/HULAPOINT: All Windows Operating Systems USB KEYBOARD/HULAPOINT: All Windows and Macintosh OS  |
| Temperature Range | STORAGE: -40C to +70C (-40F to +158F) OPERATING: -20C to +60C (-4F to +140F)   |
| Weight            | 5.25 lbs +/- 0.10 lbs (2.38 kg +/- 0.05 kg)  |
| Warranty          | 1 year limited warranty  |
| Humidity          | 100% (when properly installed)   |
| Dimensions        | 17.70" x 9.20" x 1.58" (w-h-d) 449.6mm x 233.7mm x 40.1mm  |
| Model Numbers     | PM-5K-PS2: With PS/2 cable PM-5K-USB: With USB cable PM-5K-STD: With AT/serial cable   |

### Features and Benefits

- 10-Key Numeric Pad
- 20 Function Keys
- Integrated HulaPoint II Pointing Device
- USB, PS/2 and AT/serial configurations available

# PM-5K

| DATE     | CHANGES                         | INTL | REV |
|----------|---------------------------------|------|-----|
| 12.17.03 | Original                        |      | 1.0 |
| 09.09.08 | Updated format                  | JB   | 1.0 |
| 03.18.10 | Added stud length (PG1 and PG2) | JB   | 2.0 |



## KEY SWITCH

MATERIAL: Industrial Silicone Rubber  
 LIFE: Greater Than 10 Million Cycles  
 TRAVEL: 0.055 in.  
 ACTUATION FORCE: 7.03 oz. +/- 1.06oz (200g +/- 30g)  
 FEEDBACK: Tactile with Mechanical Snap

## POWER

PS2 or AT/Serial:  
 KEYBOARD: 50mA@5V (from Keyboard port)  
 POINTER: 35mA@5V (from Mouse port)  
 USB: 85mA@5V (from CPU port)

## TEMPERATURE RANGE

STORAGE: -40°F to +158°F (-40°C to +70°C)  
 OPERATING: -4°F to +140°F (-20°C to +60°C)

## HUMIDITY

100% Humidity Resistant

## VIBRATION

POWER SPECTRAL DENSITY: .04g<sup>2</sup>/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

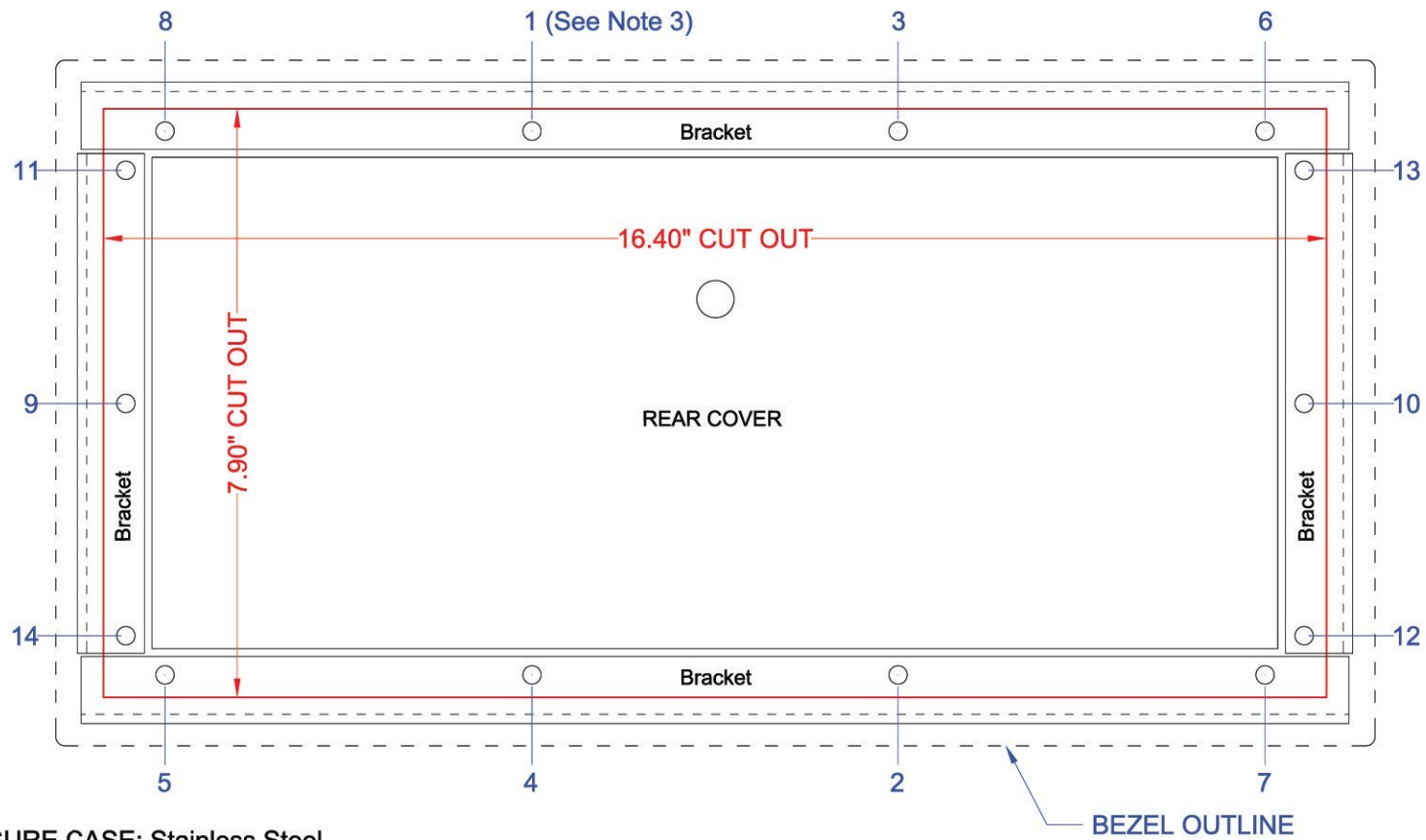
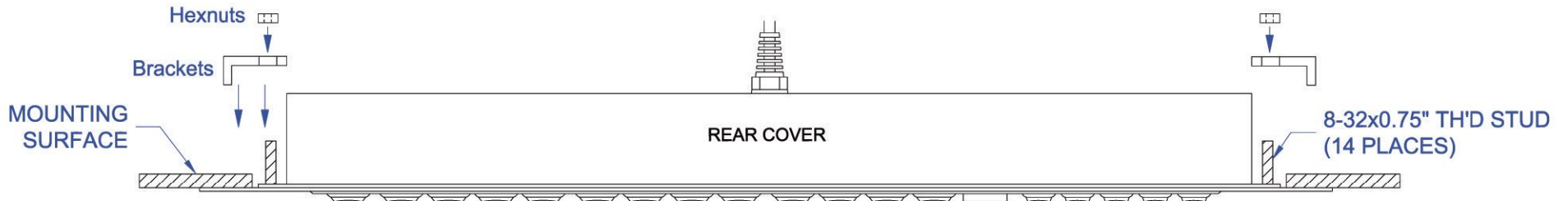
5.25 lbs +/- 0.10 lbs (2.38 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2.5

|                          |                         |                |     |
|--------------------------|-------------------------|----------------|-----|
| Part Number: PM-5K       | Drawing Number: MKT0019 | Sheet: 1 OF 2  |     |
| Drawing Title: PM-5K-MKT | Revision: 2.0           | Date: 03.18.10 | JWB |

# PM-5K BACK / MOUNTING



ENCLOSURE CASE: Stainless Steel

1. PLACE UNIT IN 7.9\"X16.4\" CUT PIT
2. PLACE 4 BRACKETS ON EACH SIDE AND HAND TIGHTEN LOCKING HEXNUTS OVER ALL 14 8-32x0.75\" STUDS
3. TIGHTEN WITH TORQUE WRENCH (15 IN.LB.) IN ORDER SHOWN (1-14) ABOVE

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2.5

|                          |                         |                |     |
|--------------------------|-------------------------|----------------|-----|
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