



X-Key (China) Limited

SERIES NO.: X-PP81F

DESCRIPTION: 81 keys vandal proof stainless steel keyboard with integrated numeric keypad and ruggedized touchpad, with carbon-on-gold key switch technology for fast and accurate data input, front panel mounting.

MODEL NO.: X-PP811F

DIMENSIONS: 420.0mm x 125.0mm (front panel)



MAIN FEATURE

1. Imposing stainless steel design, specially designed keyboards meet the highest demands with regard to design, functionality, longevity and high protection level. We design and manufacture complete electronic modules including controller in close consultation with our customers.
2. Waterproof execution according to degree of protection IP65(Dynamic) from the panel, the keyboard is sealed against the ingress or liquid and dirt, when mounted in a suitable enclosure.
3. The keyboards have an excellent tactile feel with full-long travel switches and allow users to achieve fast and accurate data input without any noise. With firm tactile perception for comfortable operation
4. Internet friendly key layout, ease of customizing with multiple languages, to accommodate foreign or custom variants.
5. Metal keys are protected against twisting and levering which can not be dislodged from front, or defaced removing key covers.
6. Easily mounting into enclosure or panel, and is provided with PS/2, USB connection output cables that plug directly into the host computer for normal keyboard operations.

MECHANICAL DATA

1. Key: 81 keys, SUS304 brushed stainless steel
2. Key top style: Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available
3. Key travel:2.0mm
4. Front Plate: Super quality brushed stainless steel
5. Actuator/keys materials: stainless steel
6. G.W.: 2.2KGs (X-PP811F)

TOUCHPAD DATA

1. Touchpad cover: Composite
2. More than Lifetime 10 million strokes
3. Mutual Capacitance sensing
4. X/Y position sensing resolution: 40 counts/mm
5. X/Y position reporting: Relative
6. Output (self-detectable depending on cable): PS2 or USB
7. Tracking speed: Maximum 1,016 m/sec
8. Power supply voltage: 5 VDC \pm 0.25V
9. Current rating (active mode): 17 mA



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ELECTRICAL DATA

1. Supply Voltage: +5V DC +/-5%
2. Current Rating: appr. 20mA
3. Switch Contact Material: Carbon-on-Gold key switch technology
4. Interface: PS2, USB available, RS232 for EPP.
5. OS: DOS/Windows95/98/NT/ME/2000/2003/XP/Vista, Linux, Unix, Mac OSX

ENVIRONMENTAL ADAPTABILITY

1. Operating temperature: -20°C to +60°C.
2. Storage temperature: -30°C to +70°C.
3. Operating RH: 30-90%.
4. Atmospheric pressure: 60-106Kpa.

RELIABILITY

1. RoHS Compliant, CE and FCC
2. Protection Level: IP65(front panel static)
3. Vandal resistant IK09
4. MTBF >50000H.
5. MTTR <30min.



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