



when reliability is critical™

Reliability and Specification Data KXT2700 Series Keyboards

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Revision 5-1-2014

Industrial Keyboards with built-in Industrial Trackball Mouse Pointers

- Anodized aluminum enclosure in beige or black
- Molded rubber elastomer keys
- Excellent tactile feel, 2mm key travel
- 1.5" (38mm) diameter Trackball (Trackball Mouse Cursors)
- Optional French (AZERTY), Spanish (QWERTY), or German (QWERTZ) legends
- SUN, Serial, PS/2, or USB Interface with optional Bulkhead Cable Set (Waterproof)
- Optional MIL-STD-810G, MIL-STD-901D, MIL-STD-1472F, MIL-STD-454, MIL-STD-461

Features

1U (<1.75") Height
Two stainless steel threaded inserts (mounting holes in bottom plate)
Trackball has Teflon seal in aluminum collar
Repairable design
Plug and Play, Port compatible - no drivers required
Calculated rolling life of trackball ABEC 7 shielded bearings is 20 years (MIL-HDBK-217F)
No rubber or foam on trackball rollers, no cleaning is required
Direct factory support
Made in the USA

Reliability

MTBF (Mean Time between Failures):	Electronics is greater than 100,000 hours
Operating Temperature:	0° to 80° C
Operating (Optional)	-40° to 80° C
Storage Temperature:	-40° to 80° C
Shock rating:	30g 11msec. half sine, three axes
Vibration:	10-55 Hz@ 0.013 DA
Elastomer Switches:	Rated for 10 million cycles
Keys:	Sealed "Hard" gold plated switch contacts.

NEMA and IP Sealing and Protection Standards

Trackball NEMA 12 (IP 54) in dynamic rotation, NEMA 4 (IP 65) static; Keyboard NEMA 4 (IP 66)
Syn-Proof™ coating resists most oils and harsh chemicals
Optional Parylene coating (toughest molecular barrier protection)

Certifications

Meets FCC Class A and B
Meets CE Requirements, RoHS Compliant, REACH Directive Conformance
ESD rated to 15KV