

Reliability and Specification Data for KI9000 & KI8000 Series Keyboards

Document # 820102

Revision 10-24-2005

Mid & Full size keyboards

- Painted beige aluminum or stainless steel enclosure
- Molded rubber elastomer keys rated for 10 million cycles
- Excellent tactile feel, 2mm key travel
- Optional ARROWMOUSE pointer
- Optional ORBITALMOUSE pointer

Features

Two, stainless steel threaded mounting holes (in bottom plate)
Rugged NEMA 4, 4X (IP66) for harsh environments
Keys: 2mm travel with excellent tactile feedback
Repairable design
Gray or Black Elastomer
Plug and Play, Port compatible - no drivers required
Legends are silicon ink, oven cured, so as to thermally fuse the ink to the rubber
Direct factory support
Made in the USA

Reliability

MTBF (Mean Time between Failures):	for the 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:	50g 11msec. half sine, three axes
Vibration:	10-55 Hz@ 0.013 DA
Elastomer Switches:	Rated for up to 10 million cycles
Keys:	Sealed "Hard" gold plated switch contacts. CTI uses a minimum of 30 to 50 micro inches of Gold over 100 micro inches of Nickel over Copper on our keyboard switch contacts.

Sealing and Standards

NEMA 4/4X (IP66)
Syn-Proof™ coating resists most oils and harsh chemicals
Optional Parylene® coating available

Certifications

Meets FCC Class A
Meets CE Requirements
ESD rated to 15KV