

## **ProTalk Q Family Mean Time Between Failure**

Model numbers have the form: PTQ-xxx

**Mean Time Between Failure = 9,371,152 hours**

Probability that any given unit will not fail within 5 years is determined by the formula  $R(T) = e^{(-T/MTBF)}$  where  $T = 43,800$  hours. Thus  $R(T) = e^{(-.004674)} = 0.995337$ . There is a 99.53 % probability that any given model will perform without failure for 5 years.

**PTQ-xxx 5 year performance reliability probability = 99.53%**