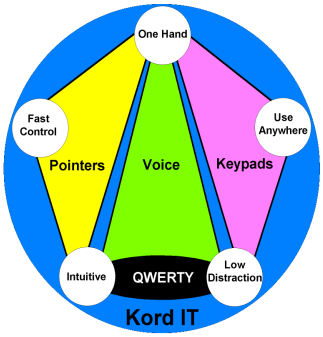
TECHSHEET

KORD® IT PERFORMANCE

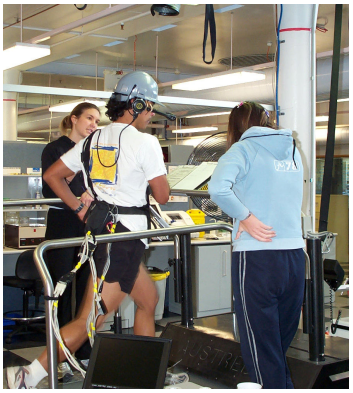


Kord® Interface Technology (Kord® IT) provides a fast way of controlling mobile computing devices with one hand, under almost any condition (even whilst on the run) and without always having to look at a screen. This paper provides general information on how it performs in comparison with other commonly used interfaces.

Overview

Increasingly, users want to access a whole range of information services for both work and recreation – often whilst mobile and with one hand. However, current mobile devices utilise interfaces (e.g. QWERTY keyboard, pen, touch pad, trackball) which were originally developed for desktop or stationary environments. As a result, they are often difficult to use – being particularly susceptible to any form of vibration or movement - and require the user to continually look at the screen. QWERTY keyboards are ubiquitous but they require two hands and a stable work platform. Voice recognition technology holds great promise as an "eyes free" interface, however there always are going to be times (eg. where there is high background noise) when speaking is impractical or inappropriate. It is a digital technology which means that time is not spent navigating the screen and it is not affected by vibration or bumping the way pointers are. Kord® IT represents a new breed of push-button interface that has distinct advantages over current interfaces incorporating pointers, keypads keyboards and voice recognition.

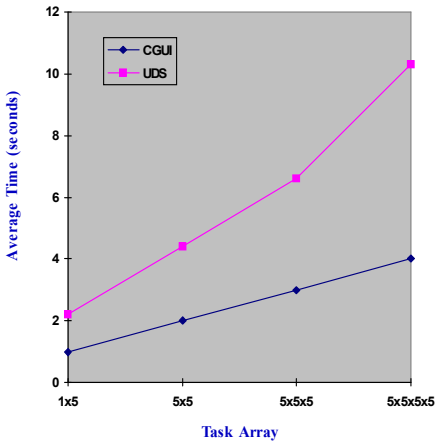
Benefits



- One handed (ambidextrous).
- Fast – almost "instinctive".
- Intuitive to operate - simple and easy to use (little training required).
- Don't have to always look at display (muscle memory).
- User can be more "eyes-on" task.
- Control under almost any condition – even whilst mobile.
- Can be used to access and control many different types of devices.

Performance Data

Laboratory studies conducted at the Australian Institute of Sport and the University of Canberra have shown that Kord IT outperforms conventional interfaces in a number of important areas:



- On average it takes half the amount of time to complete tasks using Kord® IT (the CGUI) than using a pointing device (see Figure).
- Typically, users make far less errors (about an order of magnitude) using Kord® IT, this is particularly the case as they become more mobile.
- On average, Kord® IT is at least twice as fast as an Up/Down/Select (UDS) system.
- Users were found to spend considerably more time "eyes-on task (>99%) than those using a touch screen interface (<47%);
- Approximately half the time taken to complete tasks using an Up/Down/Select (UDS) system was due to navigation.
- It takes an additional 60 secs to complete a 5 x 5 matrix (25 tasks) using the UDS – all of this is due to time taken to navigate the screen.

For more information contact:
KordTech Pty Ltd
PO Box 5179. Garran. ACT. Australia. 2605.
Ph: 61-2-6162 3602. Fax: 61-2-6162 3603.
Email: info@kordtech.com.au Web: www.kordtech.com.au

Featured in the Australian Technology Showcase