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<td><strong>General Description</strong></td>
<td>Innovative DataHand key modules wrap the keys three dimensionally around the tips of the fingers to offer unique ergonomic and productivity benefits. Five keys are placed directly north, south, east, west, and below the tip of each finger. Six key-switches are placed around the thumb. Two of these are below each thumb. The thumb down switches are two stage switches with the second stage serving as a mode lock. The first level shifts into the mode temporarily, and second level of the switch locks the mode until the switch is touched again to release it.</td>
<td><strong>USB EkaPad</strong> 12 key single handed chording keyboard: all regular characters plus memory; mobile with freedom of position &amp; posture. Doesn’t need flat surface. Light weight. Personal - pocketable - take it with you. Really one handed, fully functional. Hangs on a thumb for complete mobility, mounts on a Desk Stand for use from a desk or workstation.</td>
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<td><strong>Ergonomic Claims</strong></td>
<td>The DataHand ergonomic keyboard dramatically reduces both variables of the work formula force and distance. By placing the keys in close proximity to the fingers, finger travel distance is greatly reduced. Key activation forces are also reduced by 50 percent or more, and operating speed is improved. The hands are naturally supported, completely supporting both the hands and arms.</td>
<td>Allows complete freedom of movement. Use either hand. Fingers feel positions without looking. Allows any body, arm and hand positions for stress free repetitive use. Complete body freedom of position and movement. Does not require any special workstation elements. Ergonomically save - reduces or eliminates repetitive stress. Carpal tunnel problems are eliminated because no hand pronation occurs.</td>
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<td><strong>Design limitations</strong></td>
<td>Requires a flat surface. Requires user to be in positions similar to standard keyboards.</td>
<td>Needs to be attached to the computer, preferably with display visible, with a USB cord. Doesn’t need flat surface. For mobility, EkaPad hangs on a thumb; light weight but reduces thumb action. Not qwerty, user needs to learn chords - takes 30 minutes to learn chords for the alphabet. Really one handed, fully functional.</td>
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<td><strong>Mobility Discrete</strong></td>
<td>Not a mobile device. Requires flat surface.</td>
<td>EkaPad uses USB cables to attach to computer up to 13 ft away. For mobile computers and pads, the EkaPad can be held in and used by one hand while the other hand holds the mobile computer, so data entry can be accomplished while moving around. EkaPad held in lap makes note taking at meetings discrete.</td>
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<td><strong>Ease of becoming proficient</strong></td>
<td>To embrace the DataHand benefits, the more gentle, less stressful DataHand method of typing and mouse use must be learned. The DataHand touch and feel is different, and in the judgment of a wide variety of DataHand users, learning it is worth the time it takes. Learning time is part of the price paid for any valuable new skill. Most people transitioning to the DataHand system from the traditional keyboard have been able to achieve 50% of their flat keyboard speed in a few days, about 75% in a couple of weeks, and 100% in about four weeks.</td>
<td>Composing speed: 40 to 50 wpm and faster utilizing stored repetitive text. Fast editing: one hand can always be on mouse, while other hand chords the EkaPad. Also EkaPad can be used as a flat surface 10 key device. Many users learn the chords for the alphabet in about 30 minutes, and rapidly advance from there. Excellent support and proficiency tools on web site. All symbols for writing computer software are easy to chord - and all with only one hand - leaving mouse hand free.</td>
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<td><strong>Memory &amp; personal</strong></td>
<td>No memory. Can be moved from one computer to another.</td>
<td>Belongs to you, not the computer. Take it with you to other computers. Stores passwords, names, text. 100 Keep registers store text strings, up to 50,000 characters stored in total. Eliminates need for AutoFill and password software. Sanitary - eliminates spread of infection via other’s keyboards. 100 Shortcut registers each store up to 6 command/symbol chord sequences.</td>
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<tr>
<td><strong>Designer comments about design and features</strong></td>
<td>The DataHand ergonomic keyboard does not just make minor adjustments to the traditional keyboard concept; it pushes back the frontiers of keyboard design by offering an entirely new keyboard paradigm. The DataHand ergonomic keyboard offers a total of 132 keys (more than even extended flat keyboards) through the use of five key switches clustered around the tips of each of the fingers. With four modes, shifted by the thumbs, hand movement is no longer required to perform keyboard work.</td>
<td>Initial design was in response to the handheld device need for mobil keyboard. As the project progressed, many other features became easy and cost effective, for example EkaPad could: enhance mouse usage, store private information, and store some repetitive key strokes sequences. When we found we could chord all standard keyboard characters with one 12 key keyboard all the great ergonomics of the EkaPad reached fruition.</td>
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DataHand vs EkaPad comparison

EkaPad: Designed & assembled in Oregon USA by EkaTetra.
Website: www.ekatetra.com


DataHand

http://www.datahand.com/default.htm

Support Materials

FAQ.
Plug Compatible with Any Computer, Operating System, and Software
Simply Emulates a Standard Keyboard and Mouse
(Macintosh and Sun Microsystems Require an Adapter)
USB 2.0 Connection
QWERTY Key Layout

Images

FEEL THE DIFFERENCE

We are currently out of stock and awaiting delivery of DataHand Pro II units... our supplier now expects shipments to begin September 2010... we are in the process of moving and will post our new address and phone number as soon as the move is complete. In the interim, please contact DataHand sales at sales@datahand.com.

The DataHand Ergonomic Keyboard
Reduce Pain
Improve Comfort
Reduce Tiring Fatigue
Complete Key-Stroke Action
Close Workers Compensation Claims
Offer the Lightest Key Stroke on the Market

DataHand Is The Provider Of The Unique Computer Ergonomic Keyboard And On-board Ergonomic Mouse That Is A Different Ergonomic Keyboard From All Other Ergonomic Keyboards And An Assistive Technology To Provide Repetitive Stress Injury Relief And Carpal Tunnel Syndrome Relief In The Office.
The DataHand keyboard assistive technology offers a total of 132 keys (more than even extended flat keyboards) through the use of five key-switches clustered around the tips of each of the fingers. With four media, shifted by the thumbs, hand movement is no longer required to perform keyboard work. Hand support results in the elimination of the major cause of musculoskeletal stress in hands, wrists, arms, shoulders, backs, and necks.

DataHand keyboard users are no longer forced to conform to an arbitrary, stressful, and conflicting keyboard design. As your benchmarks make clear, the DataHand keyboard is also the most efficient assistive technology keyboard and mouse alternative on the market.

EkaPad

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Website: www.ekatetra.com

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EkaPad: Perfect for your Pad.