accessibility.
flexibility.
productivity.

section 508 compliant.

matias

508keyboard

for one-handed & two-handed typing

The Matias **508 Keyboard**™ is a standard desktop keyboard that has been enhanced to allow both one-handed and two-handed touch-typing.

The 508 Keyboard is specifically designed to satisfy the one-handed operability requirement for keyboards, under Section 508 §1194.26 (a)(2).

It offers greater accessibility for disabled users, as well as productivity gains for other office workers. The added convenience of typing with one hand is ideal when using a mouse or telephone with the other hand.

"...The first one-handed keyboard that doesn't require learning a new way to type." WIRED

helping you with
section 508

Operable with one hand

§1194.26 (a)(2) requires that computer keyboards be operable with one hand, without excessive strain or activation force.

The 508 Keyboard's unique one-handed typing technology offers this capability, integrated into a standard keyboard.

Highest level of compliance

§1194.2 (b) states that Federal agencies are required to purchase products that best meet the Section 508 standards.

While a generic keyboard can be operated with one hand using a slow hunt & peck typing method, that is not enough to comply with the law.

Since the 508 Keyboard is clearly better for one-handed typing than a generic keyboard, it is the one that best meets the standards and the one that should be procured.

Comparable access

§1194.1 requires Federal agencies to purchase products which provide comparable access for disabled persons, be they Federal employees or members of the general public.

This means that the law applies both to equipment in an internal office setting and to equipment that serves the public at large (a library, for example).

No undue burden

§1194.1 states that products procured under Section 508 must not place an undue burden on the procuring agency, as defined by **§1194.4**.

The 508 Keyboard is a less-expensive version of a specialty keyboard also manufactured by Matias. At a fraction of the cost of its elder cousin, the 508 Keyboard places no undue burden on the purchaser.

This significant cost savings is made possible purely due to the existence of Section 508 and the volume purchasing power of the U.S. government.

No administrative burden

§1194.2 (a)(2) places an administrative burden on non-compliant products, thus giving compliant products a competitive advantage.

To purchase non-compliant products, Federal agencies must provide documentation explaining why they are not in compliance.

It is easier just to purchase compliant products, such as the Matias 508 Keyboard.

Showcases your 508 compliance

The surface of each key is clearly labelled with all of the characters and functions of both regular and one-handed typing modes.

As well as serving as an easy visual reference for the user, the keytop legends also increase visibility and awareness of your department's Section 508 compliance initiatives.

For more information about our Section 508 compliance, please visit www.508keyboard.com and download our Voluntary Product Accessibility Statement.

Use either hand – or both.

The Matias 508 Keyboard allows one-handed typing using either hand, left or right, or both hands, just like a standard keyboard.

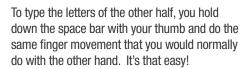The one-handed typing capability can be switched on or off by the user, as desired, using the "Matias" key.

both hands

How does one-handed typing work?

The one-handed typing technique used on the Matias 508 Keyboard is very similar to the standard two-handed touch-typing technique.

You place your hand where it would normally be if you were touch-typing – that takes care of that half of the keyboard.

To type the letters of the other half, you hold down the space bar with your thumb and do the same finger movement that you would normally do with the other hand. It's that easy!

Tapping the space bar still types a space.

The relative finger movements used for one-handed typing are the same as those used for two-handed typing. So, if you're already a touch-typist, you already know them. You should be typing one-handed in a matter of minutes.
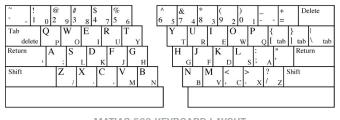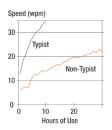
left hand

right hand

MATIAS 508 KEYBOARD LAYOUT

Comparable skills.

The Matias 508 Keyboard allows the same touch-typing skills used for two-handed typing to be used for typing with one hand.

Published empirical research, conducted by the University of Toronto's Input Research Group, found that two-handed typists adapted very quickly to one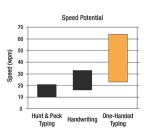-handed typing. Matias' innovative "skill transfer" design made it possible to achieve average typing speeds of over 34 wpm after only 10 hours of use.

If you're not a touch-typist, learning one-handed typing will take roughly the same time it would take to learn standard two-handed touch-typing.

> "...I was blown away... almost no thought required to adapt to typing on it... From the get go, my fingers knew how to type..." THE-GADGETEER.COM

Comparable speed.

One-handed typing speeds in the 30 to 60 words-per-minute range are easily achievable using the Matias 508 Keyboard. This range is comparable to the performance of most two-handed typists, and more than sufficient for typical clerical tasks.

The industry standard.

Matias has proudly served the needs of the disability community for over 10 years. Its technology is the de facto standard for one-handed typing in the industry.

Matias is equally dedicated to satisfying the needs of government, and is excited to offer its technology to the broader government audience at much lower prices.