MAN & MACHINE

The Medical Keyboard that is a pleasure to type on

Keyboards, mice and protective covers for the medical environment

Man & Machine has been in business for over 30 years, and has been building keyboards for medical use for over a decade. Computer keyboards and mice do not need to be a repository for pathogens. Benefit from our experience and dedication to infection control at the computer workstation as we launch our third generation silicone keyboards.

MAN & MACHINE

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OUR SILICONE KEYBOARDS HAVE ALWAYS MET THE 7 REQUIREMENTS OF A MEDICAL KEYBOARD:

+

ONCE AGAIN, OUR THIRD GENERATION IS SETTING A NEW STANDARD:

FULLY SEALED

No liquids, particles, germs or bacteria can collect and hide in open cavities, crevices or gaps. You can safely wipe, spray, rinse or immerse the product, or even expose it to Hydrogen Peroxide Vapour.

Our new proprietary seal enhancements are extending the product lifetime.

DISINFECTABLE

The silicone exterior is resistant to standard hospital approved desinfectants. Our unique SilkTouch™ coating prevents key-top wear & fade. The low profile key design facilitates an easy clean.

Our latest low profile key design enables thorough, easy cleaning and you can add a drape if you need a totally flat surface.

EASY TO USE

Man & Machine keyboards are widely praised for their unparalleled typing comfort. The superior tactile feedback makes our keyboards a pleasure to type on.

Key stroke response has been further optimized for faster and even more reliable data entry.

HIGH VISIBILITY

Infectious splatter will be more visible on white, enabling a quick response in case of contamination.

Our new optional multi level backlight feature can be set to the exact brightness desired and the keyboard will remember this setting when you turn it off and on again.

LOCKABLE

Eliminates the need to log out or disconnect during the cleaning process. Simply lock the keyboard to prevent unintentional data entries. Protect software settings and patient records. Clean easily at the workstation.

Lock indicator lights now signal when the keyboard is locked.

ELECTRICALLY SAFE

Compliant with the requirements of EN60601-1 relating to the safety of electronic devices deployed in a medical or clinical setting.

We upgrade to compliance with the latest edition of EN60601-1.

HAZARD FREE

Our keyboards do not shatter or become a sharps hazard if dropped on a hard surface.

No antimicrobial coatings, so no false sense of security and no potential health and environmental risks related to this.

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Cleaning and disinfecting instructions

The best practice for cleaning and disinfecting our keyboards and mice, including the cleaning frequency and method, will depend on the specific use and conditions in your hospital or clinical establishment. Your Infection Control Team can give you specific guidance on which cleaning protocols should be established in your facility. In general terms, we recommend treating our products as you would treat any other high frequency touch surface in the same room. On this page you can verify if the cleaning methods you wish to follow and the disinfectant you intend to use are compatible with our products.

Cleaning while connected

No need to log out or disconnect during cleaning. Simply hold down the lock key or both Ctrl keys for 3 seconds to lock. The lock indicator lights now signal that the keyboard is locked. For unlocking just repeat the procedure.

Cleaning methods you can use

- **You can wipe the product with a soft cloth that is non-abrasive like a microfiber cloth, an impregnated wipe, a soft brush similar to a paint brush in bristle stiffness or a sponge, but not a scourer of any sort**

- **You can spray the product with water and soap or an approved disinfectant**

- **You can immerse the product in water and soap or an approved disinfectant**

- **You can rinse the product with water and soap or an approved disinfectant**
- **You can expose the product to Hydrogen Peroxide Vapour (HPV)**

Disinfectants you can use

- **Chlorine based, up to 100,000 ppm bleach content**
- **Alcohol based**
- **Glutaraldehyde based**
- **Phenol based**
- **Formaldehyde based, up to 370,000 ppm formaldehyde content**
- **Oxidising, such as Hydrogen Peroxide, up to 30,000 ppm content**
- **Quaternary Ammonium, up to 20,000 ppm content**

Restrictions

- **Please note that the USB connector must NOT be immersed; USB caps are available upon request with your order**

- **Always follow the instructions provided by the cleaning product manufacturer**

- **DO NOT USE petroleum based cleaning fluids such as Acetone or abrasive cleaning aids and products**

- **Do not expose the product to temperatures above 70 °C**

- **Exposing any silicone product to the oils contained in some hand alcohol, hand lotions and other emollients reduces their life span. Regular cleaning helps to limit this effect**

Really Cool Low Profile

- Full size keyboard
- Latex-free silicone
- Compliance: IP 68, CE, FCC, EN-IEC 60601-1, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 38 x 14 x 1.5 cm
- Weight: 780 g
- Cable length: approx. 180 cm
- Storage temperature: -20 °C to 70 °C
- Operating temperature: 0 °C to 70 °C
- Power consumption: 26 mA (Max)
- Platform: Windows, Mac and Linux
- Connector: USB (2.0) only

- Layout: includes numeric keypad and 12 function keys
- Made in the United States
- 3 year warranty
- Optional extras available

Add a Fitted Drape

**If you need a totally flat surface,
add a wipe-disinfectable and
sterilizable fitted drape.**

Really Cool Touch Low Profile

- Full size keyboard with integrated touchpad
- Latex-free silicone
- Compliance: IP 68, CE, FCC, EN-IEC 60601-1, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 38 x 15 x 1.5 cm
- Weight: 840 g
- Cable length: approx. 180 cm
- Storage temperature: -20 °C to 70 °C
- Operating temperature: 0 °C to 70 °C
- Power consumption: 26 mA (Max)
- Platform: Windows, Mac and Linux
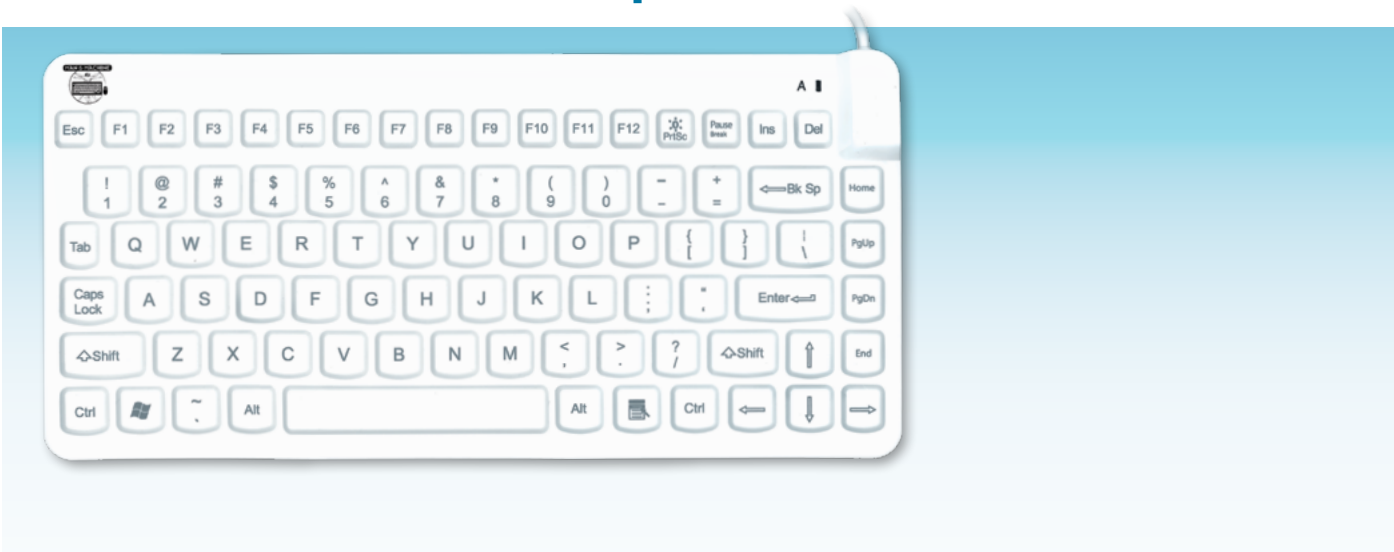- Connector: USB (2.0) only

- Layout: includes numeric keypad and 12 function keys
- Made in the United States
- 3 year warranty
- Optional extras available

Researchers have found that a good way to prevent the transmission of infection is for health care workers to wash their hands and to have computer keyboards disinfected on a regular basis.

Source: Leander, J; Burke, R; Sulis, C; and Carling, PD; Dangerous COWS; An analysis of disinfection cleaning of computer keyboards on wheels, American Journal of Infection Control, 37(6) 778-80, 2009.

Slim Cool Low Profile

- Compact keyboard without numeric keypad
- Latex-free silicone
- Compliance: IP 68, CE, FCC, EN-IEC 60601-1, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 30 x 14 x 1.5 cm
- Weight: 600 g
- Cable length: approx. 180 cm
- Storage temperature: -20 °C to 70 °C

- Operating temperature: 0 °C to 70 °C
- Power consumption: 26 mA (Max)
- Platform: Windows, Mac and Linux
- Connector: USB (2.0) only
- Layout: includes 12 function keys
- Made in the United States
- 3 year warranty
- Optional extras available

Slim Cool + Low Profile

- Laptop layout keyboard
- Latex-free silicone
- Compliance: IP 68, CE, FCC, EN-IEC 60601-1, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 30 x 21 x 1.5 cm
- Weight: 825 g
- Cable length: approx. 180 cm
- Storage temperature: -20 °C to 70 °C
- Operating temperature: 0 °C to 70 °C
- Power consumption: 26 mA (Max)
- Platform: Windows, Mac and Linux
- Connector: USB (2.0) only

- Layout: includes 12 function keys
- Made in the United States
- 3 year warranty
- Optional extras available

Sources of bacterial contamination can include poor hand hygiene and droplets of saliva that inevitably fall on the keyboard during talking, sneezing, and coughing.

Source: American Journal of Infection Control, September 2011: Vol. 39, Issue 11, Pages 617-618

Mighty Mouse 5

- Optical mouse with 5-button design to scroll and click
- Latex-free silicone
- Compliance: IP 68, CE, FCC, EN-IEC 60601-1, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 12.5 x 6.5 x 3.5 cm
- Weight: 142 g
- Cable length: approx. 180 cm
- Storage temperature: -20 °C to 70 °C

- Operating temperature: 0 °C to 70 °C
- Power consumption: 26 mA (Max)
- Platform: USB, Windows, Linux and Mac
- Connector: USB (2.0) only
- Made in the United States
- 3 year warranty
- Optional extras available

Petite Mouse

- Optical mouse with 5-button design to scroll and click
- Latex-free silicone
- Compliance: IP 68, CE, FCC, EN-IEC 60601-1, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 11 x 6 x 4 cm
- Weight: 143 g
- Cable length: approx. 180 cm
- Storage temperature: -20 °C to 70 °C
- Operating temperature: 0 °C to 70 °C
- Power consumption: 26 mA (Max)
- Platform: USB, Windows, Linux and Mac
- Connector: USB (2.0) only

- Made in the United States
- 3 year warranty
- Optional extras available

It is recommended that dealing with computer hardware the same infection prevention measures should be enforced than those for direct patient contact.
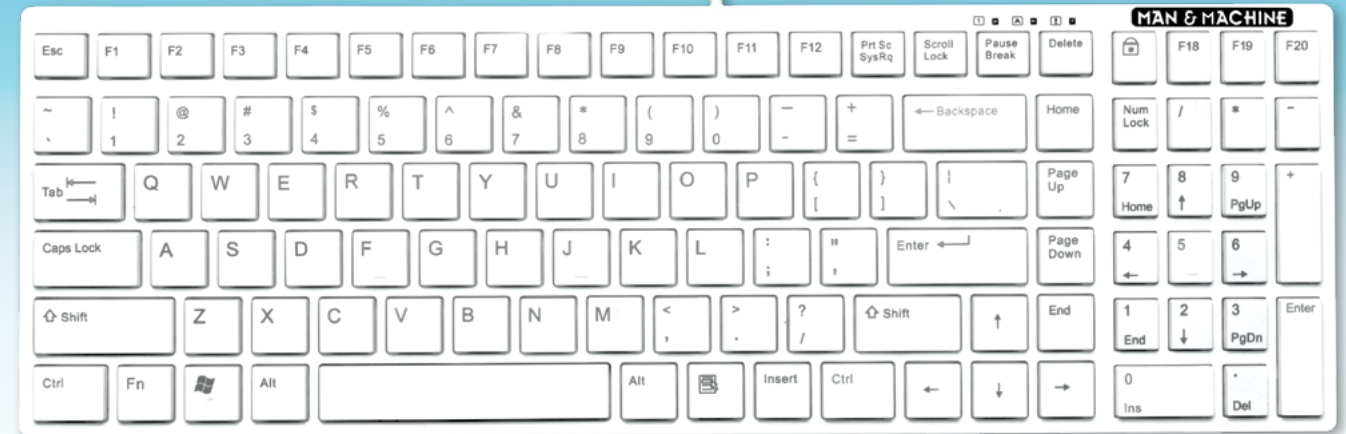
Source: Hartmann B, Benson M, Junger A, Quinzio L, Röhrig R, Fengler B, Färber UW, Wille B, Hempelmann G. Computer keyboard and mouse as a reservoir of pathogens in an intensive care unit. JClin Monit 2004; 18: 7-12

C Mouse

- Optical mouse with 2-button design and standard scroll wheel
- Wipeable and spill-resistant
- Compliance: FCC, CE, WEEE, RoHS
- Colour: White/Silver, Black/Sliver
- Size: 9.6 x 5.5 x 2.3 cm
- Weight: 78 g
- Cable length: approx. 60 cm

- Storage temperature: 5 °C to 50 °C
- Operating temperature: 20 °C to 70 °C
- Connector: USB
- Power Consumption: 15mA
- Platform: Windows, Mac
- Optional extras not available
- 1 year warranty

B Cool

- Full size keyboard
- Washable and self-draining
- Compliance: IP 68, CE, FCC, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 37.7 x 12.3 x 2.7 cm
- Weight: 430 g
- Cable length: 144 cm
- Storage temperature: 5 °C to 50 °C
- Operating temperature: 20 °C to 70 °C
- Connector: USB
- Power consumption: 26 mA (Max)
- Platform: Windows, Mac and Linux

- Layout: includes numeric keypad and 12 function keys
- Optional extras not available
- 1 year warranty

BCool with Fitted Drape

If you need a totally flat surface, add a wipe-disinfectable and sterilizable fitted drape.

Universal Drape

- Protective covers to use with any keyboard
- Latex-free silicone
- May be sterilized in an autoclave or thermo disinfector up to 108 ºC
- Ultra-thin
- Comes in a pack of 10
- Size: 50 x 28 cm

The use of immersible keyboards should be considered for direct patient care areas.

Source: American Journal of Infection Control, June 2005:
Vol. 33, Issue 5, Pages e34-e35

Laptop Drape

- Protective laptop covers
- Latex-free silicone
- May be sterilized in an autoclave or thermo disinfector up to 108 ºC
- Slip resistant
- Comes in a pack of 3
- Sizes:
  38.5 x 25 cm, 17'' wide
  35 x 22.7 cm, 15'' wide
  25.8 x 19 cm, 10.4''

Mouse Mat

- Hygienic silicone mouse mats
- Latex-free silicone
- May be sterilized in an autoclave or thermo disinfector up to 108 ºC
- Ultra-thin
- Slip resistant
- Comes in a pack of 5
- Colour: grey
- Size: 22 x 18 x 0.1 cm

Optional extras

Our silicone keyboards can be equipped with the following features:

Backlight
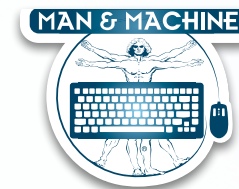Our backlight lets you type in low light or total darkness.

Smart Cable
Cables can be customized in length. Ask for the options.

MagFix
Secures your keyboard hygienically to a sloping or fold-up tray.

The Key to Infection Control!

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