

element™

WASHABLE KEYBOARDS AND MICE

CLEANING AND DISINFECTING INSTRUCTIONS



ELEMENT WASHABLE PC KEYBOARDS AND MICE

In modern Healthcare and shared computing environments, it is crucial to have input peripherals that can withstand harsh settings and handle routine cleaning and disinfection. Element Keyboards and Mice are designed to withstand a variety of conditions and cleaning methods, to help reduce the risk of pathogen transmission and maintain a clean, sanitary, and functional work environment.

At Element, we have a series of Keyboards and Mice that have been designed with common computing environments in mind.

Remember, even though Element keyboards and mice are among the most durable computer products made, they still contain delicate and sensitive electronics and switches inside that can be damaged through inappropriate handling. The below cleaning Instructions are suggestions only and are provided to guide appropriate cleaning methods for typical use. We do not warrant or assume responsibility for damages resulting from the application of these cleaning instructions. No cleaning procedures can absolutely guarantee sterility or effectiveness of removing biohazards or chemical residues.

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. In general terms, we recommend treating our products as you would treat any other high frequency touch surface. On these pages, you can verify if the cleaning methods you wish to follow and the disinfectant you intend to use are compatible with our products.

Antimicrobial

Keyboard with Antimicrobial protection is formulated to suppress the growth of odour and stain-causing microorganisms, and is not intended for use as a replacement to proper hygiene or for prevention of infectious illness.

RESTRICTIONS

- Always follow the instructions provided by the manufacturer of the cleaning product
- Do not use petroleum based cleaning fluids nor Acetone or abrasive cleaning aids and products
- Do not use temperature or pressure sterilization
- Do not expose the product to temperatures above those indicated in the product manual
- 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
- Such degradation is not covered under warranty

Cautions:

Known material incompatibilities exist between certain plastics, silicones and their solvent counterparts. Silicone lubricants must be immediately washed off of silicone-rubber keyboards or permanent damage will occur and void your product warranty. If in doubt, contact: [Customer Service](#)

WASH PROCEDURE

SANITISING DIP METHOD

1. Unplug the keyboard and mouse
2. Cover the end of the USB cable with the attached USB waterproof cap
3. Bind the USB cable with the cable tie on the waterproof cap
4. A washbasin should be filled with an approved anti-microbial / cleaning solution suitable for disinfection in a healthcare/lab environment
5. Disinfect by completely immersing and shaking the keyboard or mouse in the sterilising solution. Actively agitate it around so that the liquid reaches every recess on all surfaces:
 - Water temperature should be less than 50° C (120° F) and the water should not be deeper than 50 cm
 - Don't use abrasives
 - See page 4 for approved cleaning solutions
6. The process of agitated immersion should require at least 5 seconds to be effective. DO NOT "SOAK" units for several minutes or

longer. Soaking is unnecessary and may void your product warranty

7. Rinse thoroughly to remove all of the dish washing liquid
8. Shake off the water in the keyboard
 - Wipe with clean towel
 - Don't use a hot-air drier
 - Pull off the waterproof plug and check and remove the residual water drops on the USB port
9. Reconnect the keyboard

WARNING: Do not plug a wet cable into your computer.

To extend keyboard life:
Recommended to air dry overnight (About 8 hours).



GENERAL CLEANING INSTRUCTIONS

SPRAY-WIPE-SPRAY METHOD

1. If your computer or tablet does not support "hot-swapping" a USB keyboard or mouse, log out and turn OFF the POWER to your computer or tablet
2. To avoid accidental keystrokes, entering or deleting important data, DISCONNECT the product from your computer or tablet by:
 - Remove the keyboard or mouse USB plug from the computer or tablet (If you are using a USB - PS/2 adapter, please remove it completely before cleaning)
 - Turn off the keyboard or mouse if equipped with an ON/OFF or "cleaning mode" switch
3. Before you wash a CORDED product, be sure that the USB Plug (connector) is kept safely away from the sink and remains dry. DO NOT place the USB or PS/2 connector into liquid. Battery powered WIRELESS products can be washed with batteries inside
4. Clean the surface of the item by wiping, gently brushing, dipping it or by following the "spray-wipespray" protocol outlined

below. Spray the product and cord heavily with disinfecting spray, wipe away dirt and organic solids with a cloth then spray the product completely again with disinfecting spray allowing the disinfectant to remain on the product for at least five seconds

5. Either wipe with dry cloth or shake gently and allow to air dry. Never hang a keyboard or mouse by its cord or damage to the cable and watertight seal can occur
6. Once the product and USB connector are completely dry, reconnect to computer or tablet
7. Turn ON the computer



APPROVED CLEANING SOLUTIONS & DISINFECTANTS:

- Most common or commercially available cleaning solutions and disinfectants can be safely used, including:
- Chlorine based (max 10% solution) - e.g. Clorox®, Nolvasan®, etc.
- Formaldehyde based - e.g. Formaldehyde Solution 37%, etc.
- Glutaraldehydebased - e.g. Wavicide-01®, Aldacide® 200, etc.
- Phenolics - e.g. Lysol® I.C., Magnaclean Bacteriacide, Tek-Trol® Disinfectant, etc.
- Alcohol based - up to max 75%. e.g. CaviCide®, Isopropyl Alcohol, Medicide™ (POL-0.3), etc.
- NaClO based: up to max 0.06%
- Oxidising - Hydrogen Peroxide 3% Solution, Vikron® S, etc.
- Quaternary Ammonium – up to 20,000 ppm (2%) content, e.g. Roccal®-D, Bacto-Sep®, Ascend®, SaniZene® ,etc.
- Soap and warm water
- Ultraviolet Light for Disinfection

DO NOT USE any Petroleum based solvents (e.g., Gasoline, Mineral Spirits, Turpentine, etc.), Acetone or cleaningsolution containing in excess of 10% bleach. Product damage voiding warranty will result.