



Cleaning and Disinfecting Vispero Low Vision and Blindness Products

The following are guidelines for disinfecting the exterior of Vispero low vision and blindness products. Review this information before attempting to clean or disinfect products.

Cleaning and disinfecting video magnifiers

To disinfect the exterior of the unit, do the following:

1. Power off the unit and unplug the power cord.
2. Dampen a soft, lint-free cloth with 70 percent Isopropyl Alcohol and wring out any excess liquid.
3. Wipe all surfaces of the unit with the exception of the LCD screen. Use light pressure when wiping product logos and labels.
4. Let the unit air dry for three to four minutes.

To clean a screen or camera lens, do the following:

1. Make sure the unit is powered off and unplugged.
2. Lightly dampen a soft, lint-free cloth with a small amount of a commercial, screen-safe antimicrobial cleaner. When purchasing such a cleaner, verify that it does not contain cleaning agents mentioned later in the Caution section of this document.
3. Gently wipe the screen or camera lens. Do not apply excessive pressure.
4. If necessary, wipe these items with a dry, soft, lint-free cloth to remove any excess residue.

Cleaning and disinfecting braille cells

Use a clean, lint-free cloth when cleaning your braille display. Avoid using paper towels or tissue type paper which may leave paper particles on, or in your braille display. Use 99 percent, isopropyl alcohol when cleaning your display, avoid the use of rubbing alcohol of any type due to its high-water content and inclusion of scents and other ingredients which may result in further soiling, or damaging your unit.

To clean your braille display, follow the steps below:

1. If a USB cable is connected to the display's USB port, disconnect it for the duration of the cleaning process.
2. If your Focus braille display is turned on, power the unit off by pressing and holding the power button in for 2 seconds (until the display powers off).
3. Depress and hold the power button while pressing the two rightmost cursor router keys. Hold both the power button and the two rightmost cursor router keys until the display powers on.
 - a. The display should power on with all pins in all cells raised.
4. Moisten a lint-free, soft cloth with 99 percent isopropyl alcohol. Do Not soak the cloth in the alcohol. It should not be saturated, so that alcohol can be wrung from the cloth, you do not want alcohol to drip directly into the braille display.
 - a. Press the right Nav Mode button to cause all braille pins to begin cycling down then up.
5. Carefully turn the display upside down to allow any debris loosened by the movement of the pins to fall out of the display.
6. Set the display back on a flat surface
7. Press the right Nav Mode button again to stop the cycling of the braille pins.



8. Gently wipe the raised pins with the moistened cloth. Use as much of the cloth's surface area as necessary to be sure that all pins are wiped with clean, alcohol moistened cloth.
9. Press the right Nav Rocker down (towards the front of the braille display)
 - a. All pins should lower so that no pin tops can be felt above the level of the braille display's surface.
10. Wipe the surface of the braille display with a lint-free, alcohol moistened cloth.
11. Press the right Nav Mode button to cause all braille pins to begin cycling down then up.
12. Repeat steps seven through 11.
 - a. You may need to repeat this process several times to be sure the pins and surface of the display are clean.
 - b. The pins and display surface should gain a "squeaky" feel when they are clean and free from hand oils and other contaminants.
 - c. Be sure that the cloth you are using is still clean as you continue to wipe the pins and display surface.
 - d. Use clean parts of the cloth as you repeat the cleaning process.
13. You may also want to clean the braille keys, other controls and the other surfaces of the braille display to be sure that the rest of the display is also free from hand oils and other contaminants.
14. When you are satisfied that the display is thoroughly cleaned, press and hold the power button in for two seconds, until the display powers off.
15. Wipe the display completely using a dry, lint-free cloth. Be sure that the pins, surface of the display and the rest of the unit is completely dry before turning it on.
 - a. The isopropyl alcohol should evaporate very quickly, leaving the unit clean and dry.

Caution

- Do not attempt to repair a unit or open its case. These products contain no user serviceable parts. Any unauthorized attempt to service or replace internal components voids the product warranty.
- Do not apply or spray cleaning agents directly on the unit. Do not saturate the unit with water or any other liquid cleaners. Do not use solvents, abrasives, or aerosol sprays.
- Do not use any cleaner that contains the following agents: acetone, ethyl alcohol, ethyl acid, methyl chloride, ammonia, or bleach
- Do not use a paper towel or glass cleaner (for example, Windex®) to clean the LCD screen

Schweizer Professional Products

With proper care, your magnifier will provide you with many years of untroubled reading.

1. Clean the lens with a damp, lint-free cloth (ideally a damp microfiber cloth).
2. Never use solvents such as alcohol, benzene or other cleaning agents for cleaning lightweight plastic lenses since they can damage the lens.

You may find small lines that look like hairline cracks at the edge of lightweight lenses or in the plastic frame. These are flow lines that occur during the production process; they do not affect the function or durability in any way.