



Cleaning Instructions for Symbol IP54 Devices

Purpose:

The purpose of this document is to demonstrate the proper methods and solutions to clean Symbol mobile computer IP54 devices as well as their respective cradles.

Materials used:

- Alcohol wipes
- Lens tissue
- Cotton tipped applicators (Puritan)
- Isopropyl Alcohol or any solution containing ethanol
- Can compressed air with a tube (Micro Blast)

Cleaning the Mobile Computer

Mobile Computer Plastic Housing

Using the alcohol wipes, wipe:

- The front of the device including keys and in- between keys



- back of the device



- sides of the device



- top of the device



- bottom of the device



Display

The display can be wiped down with the alcohol wipe indicated above, but care should be taken not to allow any pooling of liquid around the edges of the display. Immediately dry the display with a soft, non-abrasive cloth to prevent streaking.

Scanner Exit Window

Wipe the scanner exit window periodically with a lens tissue or other material suitable for cleaning optical material such as eyeglasses.

Connector

- 1- Remove the main battery from mobile computer. Refer to the devices' User Guide for instructions.
- 2- Close battery door.
- 3- Dip the cotton portion of the cotton tipped applicator in isopropyl alcohol.
- 4- Insert the cotton portion of the cotton tipped applicator inside the connector on the bottom of the mobile computer as shown below. Ensure the tip of the cotton applicator touches the back of the connector. Do not leave any cotton residue inside the connector.



- 5- Twist the cotton tipped applicator and slowly move it back-and-forth from one side of the connector to the other. Repeat at least three times then remove cotton tipped applicator from the connector.
- 6- Use the cotton tipped applicator dipped in alcohol to remove any grease and dirt near the connector area.
- 7- Use a dry cotton tipped applicator and repeat steps 3 through 5.



- 8- Spray compressed air in the connector area by pointing the tube/nozzle about ½ inch away from the surface. Caution: Do not point nozzle at yourself and others, ensure the nozzle or tube is away from your face.
- 9- Inspect the area for any grease or dirt, repeat steps 3 to step 8 as required.
- 10-Ensure that there is no lint left by the cotton tipped applicator. Remove lint if found.

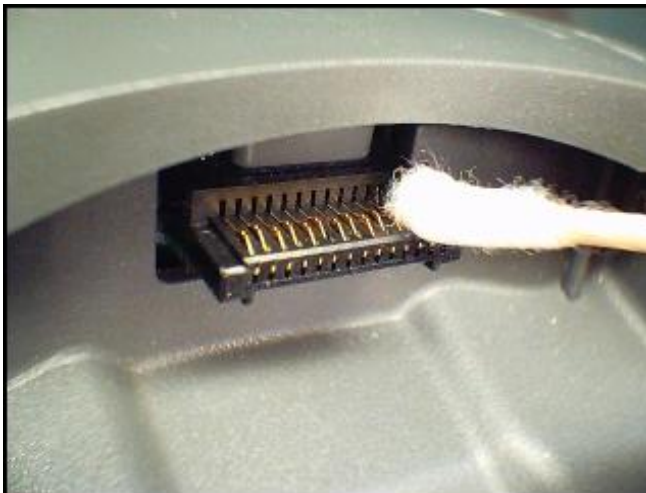


Cleaning Cradle Connector

- 1- Remove the DC power cable from the cradle.
- 2- Position the cradle as shown below.

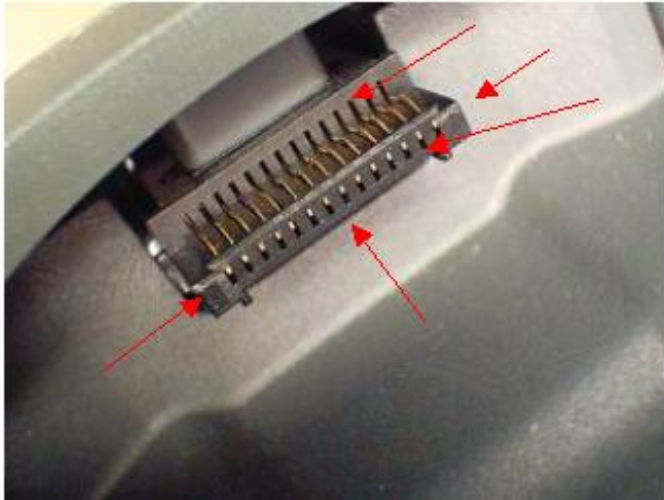


- 3- Dip the cotton portion of the cotton tipped applicator in isopropyl alcohol.
- 4- Rub the cotton portion of the cotton tipped applicator along the pins of the connector as shown below. Slowly move the applicator back-and-forth from one side of the connector to the other. Do not let any cotton residue on the connector.





- 5- All sides of the connector (shown below) should also be rubbed with the cotton tipped applicator.



- 6- Spray compressed air in the connector area by pointing the tube/nozzle about ½ inch away from the surface. Caution: do not point nozzle at yourself and others, ensure the nozzle or tube is pointed away from your face.
- 7- Ensure that there is no lint left by the cotton tipped applicator, remove lint if found.
- 8- If grease and other dirt can be found on other areas of the cradle, use lint free cloth and alcohol to remove.
- 9- Allow at least 10 to 30 minutes (depending on ambient temperature/humidity)* for the alcohol to air dry before applying power to cradle.
- 10- If the temperature is low and humidity is high, longer drying time is required. Warm temperature and dry humidity requires less drying time. **DO NOT PLACE PRODUCTS IN AN OVEN OR UNDER HEAT LAMPS!**

Cleaning Frequency

The frequency of these cleanings is up to the customer's discretion due to the varied environments in which the mobile computers are used. They may be cleaned as frequently as required. However when used in dirty environments it may be advisable to periodically clean the scanner exit window to ensure optimum scanning performance.

Caution:

- Always wear eye protection
- Read warning label on compressed air and alcohol product before using.
- If you have to use any other solution for medical reasons please contact Symbol for more information.

WARNING! Avoid exposing this product to contact with hot oil or other flammable liquids. If such exposure occurs, unplug the unit and clean the product immediately in accordance with these guidelines.