



Dialogic[®] IMG 1010 Integrated Media Gateway
Dialogic[®] MSP 1010 Multi-Services Platform
Filter Maintenance and Replacement

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Filter Replacement and Maintenance

Overview:

The Dialogic® IMG 1010 Integrated Media Gateway (IMG 1010) and Dialogic® MSP 1010 Multi-Services Platform (MSP 1010) are cooled by four high speed fans that draw in air through slots located on the right and left hand side of the front panel. The air is drawn in through two foam air filters located behind the front panel. These filters need to be inspected and replaced periodically. Follow the procedure below to replace the filters.

NOTE: Dependent on air quality, the air filter should be checked every six months for contamination (More frequently if air quality is bad). Do not try to clean the filter and always replace a dirty filter with a new one. A partially cleaned filter installed incorrectly will contaminate the system.

Tools Required:

- #2 Phillips tipped screwdriver
- pair of needle nose pliers or tweezers. (Used to remove the filter)

Procedure:

To replace the filters, the system does **not** need to be powered down.

1. The filters are located on the front of the unit behind the slotted openings. To replace the filters, remove the two 4-40 x 1/4" flat head screws located on the top right and top left hand side of the front panel.

NOTE: This will not allow the front panel to be removed but will allow a technician to pull the right and left side of the plastic front panel back slightly. Only one side should be pulled back at one time.

2. Using thumb and forefinger, grasp the top and bottom of front panel on right side of unit and pull back slightly revealing the foam air filter.
3. Using a pair of tweezers or needle nose pliers grasp the filter and remove from unit.
4. Install new filter using needle nose pliers or tweezers. The filter does not have a front or back and cannot be installed backwards.
5. Re-install the 4-40 x 1/4" flat head screw. Tighten screws to 5 in-lbs. (Do not over tighten)
6. Replace foam filter from under the left side of the front panel. Replacement of the left hand filter is done in the same manner.